



A G E N D A
BOARD OF EDUCATION MEETING
RIVERSIDE UNIFIED SCHOOL DISTRICT
Board Room
6735 Magnolia Avenue, Riverside, California

BOARD OF EDUCATION:
MRS. GAYLE CLOUD
PRESIDENT
CHARLES L. BEATY, Ph.D.
VICE PRESIDENT
MRS. KATHY ALLAVIE
CLERK
MR. TOM HUNT
MEMBER
MRS. PATRICIA LOCK-
DAWSON, MEMBER

Closed Session – 4:30 p.m.

March 5, 2012

Open Session – 5:30 p.m.

Upon request, this agenda will be made available in appropriate alternative formats to persons with disabilities, as required by Section 202 of the Americans with Disabilities Act of 1990. Any person with a disability who requires a modification of accommodation in order to participate in a meeting should direct such request to the District Superintendent at 788-7135, Ext. 80402 at least 48 hours before the meeting, if possible.

As required by Government Code 54957.5, agenda materials can be reviewed by the public at the District's administrative offices, Reception Area, First Floor, 3380 Fourteenth Street, Riverside, California.

CALL MEETING TO ORDER – 4:30 p.m.

ESTABLISHMENT OF A QUORUM OF THE BOARD OF EDUCATION

PUBLIC PARTICIPATION ON CLOSED SESSION MATTERS

CLOSED SESSION

The Board of Education will recess to Closed Session at 4:30 p.m. to discuss:

1. Consideration of Pupil Services Matters Pursuant to Education Code Sections 35146 and 48918
2. Conference With Labor Negotiator Pursuant to Government Code Section 54957.6

District Representative:
Employee Organizations:

Rick L. Miller, Ph.D., District Superintendent
Riverside City Teachers Association
California School Employees Association

RECONVENE OPEN SESSION

The Board of Education will convene in Open Session at 5:30 p.m.

RIVERSIDE POLYTECHNIC HIGH SCHOOL ARMY JROTC COLOR GUARD PRESENTATION

March 5, 2012

PLEDGE OF ALLEGIANCE

The Pledge of Allegiance to our flag will be led by Abby Sands, 6th grade Castle View Elementary School student.

GROUP PERFORMANCE

The Elementary String Orchestra students from Alcott, Castle View, Victoria, and George Washington Elementary Schools will perform for the Board of Education.

	<u>Oral Report Assigned To</u>	<u>For Board</u>	<u>Page</u>
<u>SECTION A – PRESENTATIONS</u>			
A.1 Reports by High School Representatives	District Superintendent		
<i>Evan Cowder – Martin Luther King High School Joanna Arzeta – Abraham Lincoln High School Mackenzie Hays – Arlington High School</i>			
A.2 Apple Distinguished Program – Amelia Earhart Middle School	Asst. Supt. Inst. Services		1
<i>Apple will recognize Amelia Earhart Middle School staff for the implementation of the HMH Fuse Algebra I program.</i>			
A.3 CSEA Presentation by Richard Carpenter, President, Riverside Unified School District, Chapter #506	District Superintendent		
<i>Mr. Richard Carpenter will report on the activities and accomplishments of the California School Employees Association (CSEA).</i>			
A.4 RCTA Presentation by Tim Martin, President, Riverside City Teachers Association	District Superintendent		
<i>Mr. Tim Martin will report on the activities and accomplishments of the Riverside City Teachers Association (RCTA).</i>			
A.5 RASM Presentation by Lynn McCown, President, Riverside Association of School Managers	District Superintendent		
<i>Ms. Lynn McCown will report on the activities and accomplishments of the Riverside Association of School Managers (RASM).</i>			

A.6 Riverside Council PTA Presentation by Marilyn Orens, President

District Superintendent

Ms. Marilyn Orens will report on the activities and accomplishments of the Riverside Council Parent Teacher Association (PTA).

A.7 Scheduled Communications (approximately 6:30 p.m.)

Pursuant to the Brown Act, Board of Education members cannot discuss or take action on any item which does not appear on the Consent and Action Calendars of the agenda. The Board of Education may provide a reference to staff or other resources of information, request staff to report back at a subsequent meeting, or direct staff to place an item on a future agenda.

Scheduled Communications provides an opportunity for members of the public to schedule time to address the Board on a specific topic. The president invites anyone who has requested an opportunity to address the Board under Scheduled Communications to do so at this time.

SECTION B – SUBCOMMITTEE REPORTS

B.1 Board Communications Subcommittee Report

Kathy Allavie Report

The Board of Education will receive a report from the Board Communications Subcommittee.

B.2 Board Finance Subcommittee Report

Chuck Beaty Report

The Board of Education will receive a report from the Board Finance Subcommittee.

B.3 Board Operations Subcommittee Report

Tom Hunt Report

The Board of Education will receive a report from the Board Operations Subcommittee.

SECTION C– CONSENT

Moved _____ Seconded _____ Vote _____

All items listed under the Consent Calendar are considered by the Board to be routine and will be enacted by the Board in one motion. There will be no discussion of these items prior to the time the Board votes on the motion unless members of the Board request specific items to be removed from the Consent Calendar.

C.1	Minutes of Board Meeting <i>February 21, 2012 – Regular Board Meeting February 29, 2012 – Special Board Meeting</i>	District Superintendent	Consent	2-9
C.2	Warrant List No. 13 <i>The payment for the purchase of goods, materials, and services is done in school districts with checks called warrants. Warrant lists are presented to the Board of Education for ratification.</i>	Deputy Supt. Business	Consent	10-15
C.3	Resolution No. 2011/12-47 – Resolution of the Board of Education of the Riverside Unified School District to Appropriate Revenues, Expenditures, and Fund Balance <i>Funds have been received or are anticipated to be received by the school District. Revenue lists are presented to the Board of Education for adoption.</i>	Deputy Supt. Business	Consent	16-18
C.4	Approval to Exercise the Option for Renewal of Kern County Superintendent of Schools Bid #518983 With Promethean, Inc., for the Purchase of Promethean Smart Boards (Collaborative Classroom Systems) <i>Cooperative purchasing agreement for the purchase of Promethean Smart Boards.</i>	Deputy Supt. Business	Consent	19-24
C.5	Award of Bids Award of Bid for Bid No. 2010/11-10 – Arlington High School Athletic Field Upgrades Project – Category #29 – Grandstands <i>This project consists of the grandstands at Arlington High School as part of the Athletic Field Upgrades.</i> Award of Bid for Bid No. 2011/12-65 – Riverside Polytechnic High School Field Upgrades and Pool Project – Category #26 – Stadium Track and Field <i>This project consists of the stadium track and field at Riverside Polytechnic High School as part of the Field Upgrades and Pool Project.</i>	Deputy Supt. Business	Consent	25-35
C.6	Approval of Change Order No. 1 – Purchase Order C6001812 – Bid No. 2010/11-25 – Polytechnic High School Parking Lot and Offsite Improvements	Deputy Supt. Business	Consent	36-41

A change is recommended in the scope of work for the Polytechnic High School Parking Lot and Offsite Improvements.

C.7 Parking Lot Lighting for Various Schools

Asst. Supt. Operations Consent 42

The Board will be asked to approve the installation of parking lot lighting at various school sites.

C.8 Out-of-State Field Trip – Ramona High School

Asst. Supt. Inst. Services Consent 43-46

Ramona High Schools' Winter Guard will travel to Dayton, Ohio, to participate in the Winter Guard International Color Guard World Championships, April 10 – 15, 2012.

C.9 Recommended Actions From the Administrative Hearing Panel and/or the Executive Director, Pupil Services/SELPA and Adoption of the Findings of Fact for All Approved Cases

Exec. Director Pupil Serv./SELPA Consent Confidential Insert

Case for Expulsion

Consistent with Administrative Regulation #5144.1, principals may suspend students who are in violation of Education Code Section 48900 and Board Policy #5144.1. Certain violations identified in Education Code Section 48915 are of a serious nature that require recommendation to the Board of Education for expulsion.

Student Case: #2011-093

Cases for Expulsion With a Recommendation for Suspended Expulsion

Education Code Section 48917 provides that a student who has been recommended for expulsion may have the expulsion suspended by the Board of Education. The suspended expulsion is valid for the term of the original expulsion order. The student is placed upon school probation, assigned to a school program, and must remain there until the conditions identified in the Rehabilitation Plan are met.

Student Cases: #2011-078, #2011-090, #2011-091, #2011-092, #2011-094, #2011-095, #2011-096, #2011-097, #2011-098

Cases for Revocation of a Suspended Expulsion that Reverts Back to a Full Expulsion

Students who violate the conditions of their Rehabilitation Plan while on a suspended expulsion may have the suspension of their original expulsion order revoked and may thereby be expelled under the terms of the original expulsion order.

Student Cases: #2011-063, #2011-073

Case for Denial of Readmission After Expulsion

Education Code Section 48916 requires a review of all expelled students for readmission. Students who have not satisfied the conditions of the Rehabilitation Plan that was ordered when the student was expelled or who continue to pose a danger to students or staff or of disruption to the instructional process, may be denied readmission to the schools of the district.

The Board of Education must act to continue the assignment of the student to an alternative educational placement per Rules & Regulations #5144.1.

Student Case: #2010-127

C.10 Certificated Personnel Assignment Order CE 2011/12-13

Asst. Supt. Human Res. Consent 47-51

The latest District’s management, certificated personnel actions are presented to the Board of Education for approval.

C.11 Classified/Non-Classified Personnel Assignment Order CL 2011/12-13

Asst. Supt. Human Res. Consent 52-57

The latest District’s classified personnel actions are presented to the Board of Education for approval.

SECTION D – REPORT/DISCUSSION

D.1 Disclosure of Tentative Agreement Between Riverside Unified School District and Its Employees Represented by the Riverside City Teachers Association

Deputy Supt. Business Report 58-64

This item represents the public disclosure of the terms and conditions, including financial impact, of a Tentative Agreement for employees represented by the Riverside City Teachers Association.

D.2 Materials-Based 40/80 Professional Development

Asst. Supt. Inst. Services Report 65-75

Elementary Instructional Specialists will discuss a transition to

online and blended learning for teachers. This opportunity is being offered through the materials-based professional development that is required by the California Department of Education.

SECTION E – ACTION

- | | | | | |
|------------|--|--------------------------|--------|-------|
| E.1 | Resolution No. 2011/12-42 – Resolution of the Board of Education of the Riverside Unified School District to Approve the Reduction or Discontinuance of Particular Kinds of Certificated Services | Deputy Supt.
Business | Action | 76-79 |
|------------|--|--------------------------|--------|-------|

Resolution No.2011/12-42 – Resolution of the Board of Education to Approve the Reduction or Discontinuance of Particular Kinds of Certificated Services is being submitted for Board approval.

Moved_____ Seconded_____ Vote_____

- | | | | | |
|------------|---|--------------------------|--------|-------|
| E.2 | Approval of Nutrition Services Phase Two Facility and Operational Assessment | Deputy Supt.
Business | Action | 80-91 |
|------------|---|--------------------------|--------|-------|

Approval of professional services agreement with Webb Design for phase two facility and operational assessment within Nutritional Services.

Moved_____ Seconded_____ Vote_____

- | | | | | |
|------------|---|--------------------------|--------|--------|
| E.3 | 2011-12 Second Period Interim Financial Report | Deputy Supt.
Business | Action | 92-178 |
|------------|---|--------------------------|--------|--------|

California Education Code Section 42130 and 42131, which incorporates provisions of AB1200, requires each district in the State of California to file interim reports twice each fiscal year. The second report covers the financial and budgetary status of the District for the period ending January 31, 2012.

Moved_____ Seconded_____ Vote_____

- | | | | | |
|------------|--|--|--------|---------|
| E.4 | Re-Purposing of Hyatt Elementary School | Asst. Supt.
Operations and
Asst. Supt.
Inst. Services | Action | 179-192 |
|------------|--|--|--------|---------|

The Board will be asked to approve the re-purposing of Hyatt Elementary School with the STEM Academy.

Moved_____ Seconded_____ Vote_____

- | | | | | |
|------------|---|---------------------------|--------|---------|
| E.5 | Resolution No. 2011/12-40 – Resolution of the Board of Education of the Riverside Unified School District Making Certain Required Written Findings Pursuant to the | Asst. Supt.
Operations | Action | 193-851 |
|------------|---|---------------------------|--------|---------|

California Environmental Quality Act; Adopting the Final Mitigated Negative Declaration and Mitigation Monitoring and Reporting Program for the John W. North High School Athletic Facilities Master Plan Completion Project (Project); Approving the Project; and Delegating Authority to Execute a Notice of Determination

The Board will consider adoption of a Final Mitigated Negative Declaration and Mitigation Monitoring and Reporting Program for the John W. North High School Athletic Facilities Master Plan Completion project and approval of the Project.

Moved_____ Seconded_____ Vote_____

- E.6 Resolution No. 2011/12-41 – Resolution of the Board of Education of the Riverside Unified School District Rendering City and County Zoning Ordinances Inapplicable to the John W. North High School Athletic Facilities Master Plan Completion Project Pursuant to Government Code Section 53094**

Asst. Supt. Action 852-855
Operations

The Board will consider invoking its authority to render city and county ordinances inapplicable to the John W. North High School Athletic Facilities Master Plan Completion project.

Moved_____ Seconded_____ Vote_____

- E.7 Budget Planning for 2012-13 – Reflection, Discussion, and Action for Budget Considerations for the 2012-13 Fiscal Year**

Deputy Supt. Action 856-858
Business

The Board of Education will be asked to review recommendations for budget considerations for the 2012-13 fiscal year, and take the necessary action to approve, reject, or revise budget reduction considerations as appropriate.

Moved_____ Seconded_____ Vote_____

SECTION F – UNSCHEDULED COMMUNICATIONS

Unscheduled Communications provides an opportunity for citizens to make suggestions, identify concerns, or request information about matters affecting the school District. Complaints against employees will normally be heard in Closed Session, and the District’s complaint procedure should be followed before discussion with the Board.

Individuals or groups who wish to address the Board are requested to fill out a “Request to Address the Board of Education” card located on

the table at the back of the Board Room. Comments or presentations should be limited to five minutes or less.

Pursuant to the Brown Act, Board of Education members cannot discuss or take action on any item which does not appear on the Consent and Action Calendars of the agenda. The Board of Education may provide a reference to staff or other resources of information, request staff to report back at a subsequent meeting, or direct staff to place an item on a future agenda.

SECTION G – CONCLUSION

G.1 Board Members' Comments

G.2 Superintendent's Announcements

**G.3 Agenda Items for Future Meetings
Monday, March 19, 2012 – Regular Board Meeting**

ADJOURNMENT

The next regular meeting of the Board of Education is scheduled for Monday, March 19, 2012. The meeting will be called to order at 4:30 p.m. in the Board Room at 6735 Magnolia Avenue, Riverside, California. The Board will adjourn to Closed Session from 4:30 to 5:30 p.m., at which time the Board of Education will reconvene in Open Session.

Board Meeting Agenda
March 5, 2012

Topic: Apple Distinguished Program – Amelia Earhart Middle School

Presented by: Ms. Andrea Aguilar and Ms. Cheryl Lee, Apple, Inc.

Responsible
Cabinet Member: Dr. William E. Ermert, Assistant Superintendent, Instructional Services

Type of Item: Presentation

Short Description: Apple will recognize Amelia Earhart Middle School staff for the implementation of the HMH FUSE Algebra I program.

DESCRIPTION OF AGENDA ITEM:

Apple, Inc. will honor the administration of Amelia Earhart Middle School as well as Jackie Davis, Jr. and Dan Sbur for their successful implementation and continuation of the HMH FUSE Algebra I application pilot. Their dedication and hard work in the pilot was demonstrated by a 19% increase in proficient and advanced students in Algebra I. The results of the pilot proved significant enough to encourage parents to provide iPads for their students so that they could take part in the program this year.

FISCAL IMPACT: None

RECOMMENDATION: Presentation only. No action is requested.

ADDITIONAL MATERIAL: None

UNOFFICIAL

This is an uncorrected copy of Board Minutes. The Minutes do not become official until they are approved by the Board at the next meeting.

**RIVERSIDE UNIFIED SCHOOL DISTRICT
MINUTES OF THE REGULAR MEETING OF THE BOARD OF EDUCATION
TUESDAY, FEBRUARY 21, 2012
BOARD ROOM
6735 MAGNOLIA AVENUE, RIVERSIDE, CALIFORNIA**

CALL THE MEETING TO ORDER

Mrs. Cloud, Board President, called the meeting to order at 3:03 p.m.

MEMBERS PRESENT

Mrs. Gayle Cloud, President; Dr. Charles L. Beaty, Vice President; Mrs. Kathy Y. Allavie Clerk; Mr. Tom Hunt, Member; and Mrs. Patricia Lock-Dawson, Member.

Also present were District Superintendent, Dr. Rick L. Miller, members of the staff, and other interested citizens.

STUDY SESSION

Nutrition Services Update – Part 2 – Where To Go and How to Get There

Mr. Michael Fine, Deputy Superintendent, Business Services and Governmental Relations, and Mr. Rodney Taylor, Director, Nutrition Services, reviewed a PowerPoint presentation that highlighted the vision for the future and the hurdles that exist in accomplishing the goals to ensure that Riverside’s children are nutritionally prepared to learn. Mr. Fine mentioned that the consideration of Phase Two Planning to revamp the Central Kitchen operation would be brought forward to the Board of Education at the March 5 Board meeting.

Potential Re-Purposing of Hyatt Elementary School

Dr. Kirk Lewis, Assistant Superintendent, Operations, Mrs. Judi Paredes and Dr. Bill Ermert, Assistant Superintendents, Instructional Services, and Mr. Michael Fine, Deputy Superintendent, Business Services and Governmental Relations, discussed the instructional issues and financial implications concerning the potential re-purposing of Hyatt Elementary School. Staff noted the basic proposal which is to convert Hyatt Elementary School into a STEM academy to allow for expansion of the program. The Board members agreed that staff would bring forward an item at the March 5 Board of Education meeting for an instructional decision to re-purpose Hyatt Elementary School.

PUBLIC PARTICIPATION ON CLOSED SESSION MATTERS

The Board adjourned to Closed Session at 4:00 p.m.

CLOSED SESSION

1. Consideration of Pupil Services Matters Pursuant to Education Code Sections 35146 and 48918
2. Conference With Labor Negotiator Pursuant to Government Code Section 54957.6
 District Representative: Rick L. Miller, Ph.D., District Superintendent
 Employee Organizations: Riverside City Teachers Association
 California School Employees Association
3. Conference With Legal Counsel – Existing Litigation Pursuant to Government Code Section 54956.9(a)

Case Number: U.S.D.C., Central District of California, Case No. EDCV10-1002-CAS (OPx)

- 4. Conference With Legal Counsel – Existing Litigation Pursuant to Government Code Section 54956.9(a)
Case Number: U.S.D.C., Central District of California, Case No. CV11-08287-JHN (SPx)
- 5. Conference With Labor Negotiator Pursuant to Government Code Section 54957.6

District Negotiator:	Bradley E. Neufeld, Attorney at Law
Unrepresented Employees:	District Superintendent, Deputy Superintendent, and Assistant Superintendents

RECONVENE OPEN SESSION

The Board reconvened in Open Session at 5:36 p.m. Mrs. Cloud announced that no formal action was taken by the Board during Closed Session:

PLEDGE OF ALLEGIANCE

The Pledge of Allegiance to our flag was led by Amanda Bautista, 5th grade Mountain View Elementary School student.

GROUP PERFORMANCE

The Ramona High School Choir performed for the Board of Education.

SECTION A– PRESENTATIONS

A.1 Reports by John W. North, Riverside Polytechnic, and Ramona High Schools

A.2 Scheduled Communications

There were no requests to speak to the Board of Education.

It was moved by Mr. Hunt and seconded by Dr. Beaty and unanimously approved by members present to move Item F.6 forward in the agenda.

F.6 Design for the Ramona High School Entry Element and Shade Structure

Dr. Lewis stated that the Board of Education was being asked to approve the design and cost estimate for the Ramona High School entry element and shade structure.

The item was moved by Dr. Beaty and seconded by Mr. Hunt and unanimously approved by members present.

SECTION B – SUBCOMMITTEE REPORTS

B.1 Board Finance Subcommittee Report

The Board of Education received a report from Dr. Beaty on behalf of the Board Finance Subcommittee.

B.2 Board Instruction Subcommittee Report

The Board of Education received a report from Mrs. Allavie on behalf of the Board Instruction Subcommittee.

SECTION C – CONSENT

Approval of the Consent Calendar was moved by Mrs. Allavie and seconded by Mr. Hunt and unanimously approved by members present, with the exception of Item C.9 – Donation of E-Waste Equipment, which was pulled from the agenda. Items in the Consent Calendar have been published with the agenda and copies are on file in the District administrative offices.

SECTION D – REPORT/DISCUSSION**D.1 Early Literacy**

Mrs. Paredes reviewed a PowerPoint providing information on RUSD's commitment to mastery of early literacy skills for all students.

Ms. Pam Bresnahan, 1st grade teacher, Mountain View Elementary School, spoke about the results that she has been seeing in her classroom.

D.1 Budget Planning for 2012-13 – Reflection and Discussion for Budget Considerations for the 2012-13 Fiscal Year

Dr. Miller and Mr. Fine presented a PowerPoint and the Board of Education was asked to review potential budget implications under the governor's proposed budget for the 2012-13 fiscal year and to provide staff with initial direction as to the approach to be taken in building the 2012-13 budget.

SECTION E – PUBLIC HEARING**E.1 Public Hearing – Initial Proposal for Collective Bargaining Negotiations Submitted by the Riverside Unified School District Board of Education With the Riverside City Teachers Association for the 2012-13 School Year**

Mrs. Cloud opened the public hearing at 7:59 p.m.

The Board of Education was required to hold a public hearing on the initial proposal for collective bargaining negotiations submitted by the Riverside Unified School District Board of Education with the Riverside City Teachers Association.

Mrs. Cloud closed the public hearing at 8:00 p.m.

SECTION F – ACTION**F.1 Adoption of Initial Proposal for Collective Bargaining Negotiations Submitted by the Riverside Unified School District Board of Education With the Riverside City Teachers Association for the 2012-13 School Year**

Mr. Fine stated that the Board of Education was being asked to consider adopting an initial proposal for collective bargaining negotiations submitted by the Riverside Unified School District Board of Education with the Riverside City Teachers Association.

The item was moved by Mrs. Allavie and seconded by Dr. Beaty and unanimously approved by members present.

F.2 Resolution No. 2011/12-44 – Resolution of the Board of Education of the Riverside Unified School District Granting the Charter Petition for the Establishment of the REACH Leadership Academy School of Math, Science, & Technology, and Approving a Memorandum of Understanding

Mr. Fine introduced Ms. Gloria Cowder, Director, Program Development and Extended Learning Opportunities, who stated that REACH Leadership Academy School of Math, Science & Technology submitted a Charter Petition for consideration by the Board. She noted that staff is recommending that the Board of Education adopt Resolution No. 2011-12/44 and the corresponding Memorandum of Understanding.

Dr. Virgie Rentie, Lead Petitioner, REACH Leadership Academy School, thanked staff and the Board members for working with REACH to establish this charter school. Ms. Tracy Nelson spoke on behalf of REACH addressing Mr. Hunt's concerns.

The item was moved by Mrs. Allavie and seconded by Mr. Hunt and approved by a 4 to 1 vote with Dr. Beaty dissenting.

The Board took a break from 8:27 to 8:40 p.m.

F.3 Award of Bid for Bid No. 2011/12-63 – Independent Audit Services, 2011-12, 2012-13 and 2013-14

Mr. Fine and Dr. Beaty discussed the award of contract for independent audit services for 2011-12, 2012-13 and 2013-14 fiscal years.

The item was moved by Dr. Beaty and seconded by Mrs. Allavie and unanimously approved by members present to authorize the Deputy Superintendent of Business Services and Governmental Relations to execute an audit agreement with Nigro & Nigro.

F.4 High School Graduation Requirements

Dr. Bill Ermert stated that in order to better prepare students for college and career readiness, the High School and Middle School Task Forces have focused and collaborated with appropriate groups on how to increase student achievement for students who receive a Riverside Unified School District high school diploma.

Mr. Edwardo Sandoval spoke on behalf of Inland Congregations United for Change (ICUC) in favor of the high school graduation requirements.

The item was moved by Mr. Hunt and seconded by Mrs. Allavie and unanimously approved by members present to approve the proposed changes to the graduation requirements including – three courses in two subject areas from the following: Visual and Performing Arts, Foreign Language, or Career Technical Education. The Board also requested that staff continue to look into college and career paths.

F.5 Adoption of Elementary and Middle Schools Educational Specifications

Dr. Lewis stated that the Educational Specifications and Requirements for Middle and Elementary Schools have been revised and are presented to the Board of Education for approval.

The item was moved by Dr. Beaty and seconded by Mr. Hunt and unanimously approved by members present.

F.7 Landscape Architect Recommendation

Dr. Lewis indicated that the Board of Education was being asked to approve the staff recommendation for the Landscape Architect for the athletic field renovation projects at Chemawa, Amelia Earhart, and Sierra Middle Schools and future projects.

The item was moved by Dr. Beaty and seconded by Mr. Hunt and unanimously approved by members present to approve Ian Davidson, Landscape Architects Inc. as the Landscape Architect for the Chemawa, Amelia Earhart, and Sierra Middle Schools athletic field renovation projects and approve RHA Landscape Architects for potential future work.

F.8 Consideration of 2012 California School Boards Association (CSBA) Delegate Assembly Election

Mrs. Cloud. stated that election material for the CSBA Delegate Assembly Subregion 18A has been received.

The item was moved by Mr. Hunt and seconded by Mrs. Allavie and unanimously approved by members present to vote for Mr. Jerry Bowman, Menifee Union School District; Ms. Lynne Craig, Riverside County Office of Education; Mr. Ben Johnson II, Alvord Unified School District; and Mr. William James Sanborn, Hemet Unified School District.

F.9 California School Boards Association (CSBA) Delegate Assembly Riverside Unified School District Appointment

Mrs. Cloud stated that the Board of Education was being asked to either reappoint Mr. Tom Hunt or to appoint a new representative to CSBA's Delegate Assembly.

The item was moved by Mrs. Allavie and seconded by Dr. Beaty and unanimously approved by members present to reappoint Mr. Hunt to the CSBA Delegate Assembly.

F.10 Resolution No. 2011/12-46 - Resolution of the Board of Education of Riverside Unified School District In Support of the California Proposition Entitled: Online K-12 Education. College Preparatory Courses. To Provide Opportunity For All California Students on the November 6, 2012 Ballot

Dr. Miller noted that it is being recommended that the Board of Education adopt Resolution No. 2011/12-46 – In Support of the California Proposition Entitled: Online K-12 Education. College Preparatory Courses. To Provide Opportunity For All California Students on the November 6, 2012 Ballot.

The item was moved by Mrs. Allavie and seconded by Dr. Beaty and unanimously approved by members present.

SECTION G – UNSCHEDULED COMMUNICATIONS

Ms. Cheryl Carter spoke to the Board of Education regarding CSEA training.

SECTION H – CONCLUSION**H.1 Board Members' Comments**

Mrs. Allavie and Mrs. Lock-Dawson had no comments.

Dr. Beaty shared an article with Dr. Miller from the February 16, 2012, *USA Today* titled, "Study boosts ranking of U.S. schools." He mentioned a University Women's' Group meeting that he attended where Ms. Woodie Rucker-Hughes, Manager, Child Welfare and Attendance, provided a presentation on the homeless community and he said that many of the women were near tears. He discussed his attendance at the following events: the Party at the Plaza, the 2012 Honor Bands, Bryant Elementary School's 100th Anniversary Celebration, and the Riverside County Office of Education (RCOE) State of Education Address.

Mr. Hunt stated that Emerson's Pancake Breakfast is this Saturday. He voiced that he is proud to serve on the Board of Education. Recently, Mr. Hunt said it occurred to him that this town is not the town that he grew up in—he stated that this is the reason why he feels that Walmart chose RUSD for the breakfast grant, because we are a needy community.

Mrs. Cloud stated that she wanted to attend the RUSD Science and Engineering Fair on February 9, but could not find parking at UCR. There was discussion about the venue changing for next year.

Mrs. Cloud discussed a recent meeting that she attended with the Inland Congregations United for Change (ICUC) and said that it was a lively meeting, and that they want to learn how to participate in civic affairs. Mrs. Cloud mentioned that Ken Mueller will be missed.

H.2 Superintendent's Announcements

Dr. Miller stated that the District is running on the commitment of the staff not the commitment of the state. He noted that the 2012 Honor Bands event was extraordinary, and also mentioned the Party at the Plaza event. In closing, he welcomed Mrs. Susan Mills, Assistant Superintendent, Human Resources.

H.3 Next Board Meeting: March 5, 2012

ADJOURNMENT

Mrs. Cloud adjourned the Public Session at 9:33 p.m., in memory of Albert Avila, former noon supervisor at Fremont Elementary School.

Kathy Allavie
Clerk
Board of Education

**RIVERSIDE UNIFIED SCHOOL DISTRICT
MINUTES OF THE SPECIAL BOARD OF EDUCATION MEETING
HELD FEBRUARY 29, 2012
CONFERENCE ROOM 1 A/B
3380 14TH STREET, RIVERSIDE, CALIFORNIA**

CALL MEETING TO ORDER

Mrs. Cloud, Board President, called the Special Board meeting to order at 8:00 a.m.

MEMBERS PRESENT

Mrs. Gayle Cloud, President; Dr. Charles L. Beaty, Vice President; Mrs. Kathy Y. Allavie Clerk; and Mr. Tom Hunt, Member.

Also present were Mr. Michael Fine, Deputy Superintendent, Business Services, members of the staff, and other interested citizens.

PLEDGE OF ALLEGIANCE

The Pledge of Allegiance to our flag was led by Mrs. Cloud.

The Board took a recess from 8:03 to 8:14 a.m. to wait for Mrs. Patricia Lock-Dawson to arrive.

Mrs. Lock-Dawson, Member arrived at 8:14 a.m.

SECTION A – ACTION

A.1 Budget Planning for 2012-13 – Reflection, Discussion, and Analysis for Budget Considerations for the 2012-13 Fiscal Year

Mr. Fine reviewed information that he provided in a handout and indicated that the Board of Education would be asked to review recommendations for budget considerations for the 2012-13 fiscal year, and take the necessary action to approve, reject, or revise budget reduction considerations as appropriate.

Mrs. Lock-Dawson left the meeting at 9:28 a.m.

The item was moved by Dr. Beaty and seconded by Mrs. Cloud and passed by a 3 to 1 vote with Mr. Hunt dissenting, to approve the 2012-13 Budget Mitigation Measures #1 - #11 as outlined by Mr. Fine – giving the highest priority to grades 1-3 for Elementary Staffing Ratios as addressed in Item #3.

SECTION B – UNSCHEDULED COMMUNICATIONS

There were no requests to speak to the Board of Education.

SECTION C – CONCLUSION

C.1 Board Members’ – Comments

Mr. Hunt discussed his vote and concerns that the District needs to look at including the administrative staff as part of the budget reductions. He stated that if the District owns surplus properties, that staff needs to consider selling this land.

Dr. Beaty indicated that he is not surprised that the District’s management team would be discussed during budget considerations. He noted that you cannot run a District without administrators, and he is often reminded of this when he attends the Student Responsibility Team meetings. Dr. Beaty stated that he feels blessed to have the

caliber of managers that we have in this District like Mr. Tim Walker, Executive Director, Pupil Services/SELPA, who can do the work of two people.

ADJOURNMENT

Mrs. Cloud adjourned the Public Session at 9:59 a.m.

Kathy Allavie
Clerk
Board of Education

**Board Meeting Agenda
March 5, 2012**

Topic: Warrant List No.13

Presented by: Rita Paris, Account Clerk, Business Services

Responsible

Cabinet Member: Mike Fine, Deputy Superintendent, Business Services and Governmental Relations

Type of Item: Consent

Short Description: The payment for the purchase of goods, materials, and services is done in school districts with checks called warrants. Warrant lists are presented to the Board of Education for ratification.

DESCRIPTION OF AGENDA ITEM:

B-Warrants in excess of \$2,000 issued since last period. Invoices for the claims have been checked and audited by the Business Office. Warrants for the claims have been prepared.

FISCAL IMPACT: \$ 5,494,104.75

RECOMMENDATION: It is recommended that the Board approve the warrants.

ADDITIONAL MATERIAL: Warrant List No. 13

Attached: Yes

RIVERSIDE UNIFIED SCHOOL DISTRICT
Commercial Warrant Listing 2011 - 2012

March 5, 2012

B-Warrants In Excess of \$2,000.00 Issued Since Last Period

Claim	Date	Fund	Warrant	Vendor Name	Claim Amount
GENERAL FUND UNRESTRICTED 03					
191408	01/30/2012	03	14170158	WESTERN MUNICIPAL WATER DISTRICT	\$9,953.31
191413	01/30/2012	03	14170163	K-12 SPECIALTIES, INC.	\$2,479.45
191417	01/30/2012	03	14170167	CANON BUSINESS SOLUTIONS, INC., WEST	\$5,500.64
191432	01/30/2012	03	14170182	SCHOOL HEALTH SERVICES REGISTRY	\$7,256.88
191440	01/30/2012	03	14170190	AT&T	\$13,236.70
191441	01/30/2012	03	14170191	AT&T MOBILITY	\$5,304.59
191444	01/30/2012	03	14170194	MARTIN, MICHAEL W	\$2,441.80
191446	01/31/2012	03	14172198	LFRANKBAILEY COMMUNICATIONS	\$2,500.00
191484	01/31/2012	03	14172236	HIGH COUNTRY WREATHS	\$2,779.38
191510	02/01/2012	03	14173830	EDUCATION DEVELOPMENT CENTER, INC.	\$5,000.00
191526	02/01/2012	03	14173846	SOUTH COUNTIES EMPLOYER EMPLOYEE TRUST	\$43,369.12
191532	02/01/2012	03	14173852	STUDENT TRANSPORTATION OF AMERICA	\$20,557.54
191556	02/01/2012	03	14173876	RIVERSIDE GATEWAY TO COLLEGE	\$14,499.75
191586	02/02/2012	03	14174116	WAXIE SANITARY SUPPLY	\$12,780.82
191607	02/02/2012	03	14174137	SAN BERNARDINO CO SUPT OF SCH	\$2,000.00
191656	02/03/2012	03	14175941	LOGICAL CHOICE TECHNOLOGIES	\$2,247.47
191698	02/03/2012	03	14175983	RUSD REVOLVING FUND	\$2,261.37
191738	02/06/2012	03	14176747	RIVERSIDE COMMUNITY COLLEGE	\$4,698.60
191757	02/06/2012	03	14176766	BEESON, TAYLER & BODINE, ATTORNEY AT LAW	\$28,657.42
191759	02/06/2012	03	14176768	UNISOURCE CORPORATION	\$2,803.69
191767	02/06/2012	03	14176775	CANON BUSINESS SOLUTIONS, INC., WEST	\$4,036.82
191785	02/07/2012	03	14177490	ENERGY EDUCATION	\$146,880.00
191788	02/07/2012	03	14177493	CCS PRESENTATION SYS	\$4,390.82
191797	02/07/2012	03	14177502	INTERNATIONAL BACCALAUREATE	\$2,700.00
191812	02/07/2012	03	14177517	UNIVAR USA	\$2,756.62
191830	02/07/2012	03	14177534	BB&T INSURANCE SERVICES OF CALIFORNIA, INC.	\$4,166.66
191857	02/08/2012	03	14178536	NICK RAIL MUSIC	\$7,811.88
191865	02/08/2012	03	14178544	STUDENT TRANSPORTATION OF AMERICA	\$5,444.47
191866	02/08/2012	03	14178545	STUDENT TRANSPORTATION OF AMERICA	\$31,707.32
191867	02/08/2012	03	14178546	STUDENT TRANSPORTATION OF AMERICA	\$21,463.20
191897	02/09/2012	03	14179907	CANON BUSINESS SOLUTIONS, INC., WEST	\$2,750.32
191899	02/09/2012	03	14179909	CCS PRESENTATION SYS	\$4,020.91
191949	02/09/2012	03	14179959	VIEWONE TECH LLC	\$2,154.99
191961	02/10/2012	03	14181192	HOUGHTON MIFFLIN CO.	\$2,007.25
191963	02/10/2012	03	14181194	RUSD REVOLVING FUND	\$6,717.84
191964	02/10/2012	03	14181195	RUSD REVOLVING FUND	\$6,425.88
191968	02/10/2012	03	14181199	SCHOOL HEALTH SERVICES REGISTRY	\$6,242.92

TOTAL FOR FUND 03 \$452,006.43

GENERAL FUND RESTRICTED 06

191416	01/30/2012	06	14170166	SMART KIDS TUTORING & LEARNING	\$2,570.26
191431	01/30/2012	06	14170181	PARKHOUSE TIRE, INC.	\$2,006.77
191457	01/31/2012	06	14172209	COMMERCIAL DOOR COMPANY, INC.	\$2,390.00
191458	01/31/2012	06	14172210	STUDY ISLAND, LLC	\$2,999.00
191461	01/31/2012	06	14172213	BARNES & NOBLE (RIVERSIDE)	\$7,718.40
191466	01/31/2012	06	14172218	ACADEMIC TUTORING SERVICES, INC.	\$2,880.96
191468	01/31/2012	06	14172220	APPLIED BEHAVIOR CONSULTANTS, INC.	\$14,951.40
191489	01/31/2012	06	14172241	MIND STREAMS, LLC	\$8,371.84
191499	01/31/2012	06	14172251	POWELL PIPE SUPPLY	\$4,400.42
191505	02/01/2012	06	14173825	HUBBARD, PETER AND LISA	\$3,895.00
191534	02/01/2012	06	14173854	PROFESSIONAL TUTORS OF AMERICA	\$13,838.00
191544	02/01/2012	06	14173864	HMC ARCHITECTS	\$2,632.27
191545	02/01/2012	06	14173865	HMC ARCHITECTS	\$14,651.56
191554	02/01/2012	06	14173874	NEFF CONSTRUCTION, INC.	\$127,109.70
191580	02/02/2012	06	14174110	LAM, ROBERT	\$2,250.00
191587	02/02/2012	06	14174117	APPLE COMPUTER INC-AUSTIN	\$5,400.17
191588	02/02/2012	06	14174118	APPLE COMPUTER INC-AUSTIN	\$2,501.71
191589	02/02/2012	06	14174119	AREY JONES EDUCATIONAL SOLUTIONS	\$14,239.72
191591	02/02/2012	06	14174121	AREY JONES EDUCATIONAL SOLUTIONS	\$24,983.08
191597	02/02/2012	06	14174127	CAMBIUM LEARNING, INC.	\$6,000.00
191605	02/02/2012	06	14174135	VITAL RESEARCH, LLC	\$12,730.00
191657	02/03/2012	06	14175942	MARRIOTT	\$2,013.75
191713	02/06/2012	06	14176722	ACADEMY BUSINESS SERVICES	\$33,462.52
191728	02/06/2012	06	14176737	BLEEKER GLASS	\$3,031.00
191731	02/06/2012	06	14176740	1 ON 1 LEARNING WITH LAPTOPS	\$17,178.32
191733	02/06/2012	06	14176742	#1 AT-HOME TUTORS, INC.	\$4,774.77
191734	02/06/2012	06	14176743	UROK LEARNING INSTITUTE	\$4,250.00
191736	02/06/2012	06	14176745	STRALKA, ALBERT	\$5,400.00
191787	02/07/2012	06	14177492	NCS PEARSON, INC	\$9,148.69
191790	02/07/2012	06	14177495	K.D. ACOUSTICS	\$12,498.00
191798	02/07/2012	06	14177503	INTERNATIONAL BACCALAUREATE	\$3,375.00
191806	02/07/2012	06	14177511	POWELL PIPE SUPPLY	\$2,119.93
191822	02/07/2012	06	14177527	RTA - RAPID TRANSIT AGENCY	\$5,000.00
191823	02/07/2012	06	14177528	ACADEMIC TUTORING SERVICE	\$9,688.58
191824	02/07/2012	06	14177529	COMMUNITY COLLEGE FOUNDATION	\$5,127.75
191826	02/07/2012	06	14177531	APRENDE!	\$4,170.00
191831	02/07/2012	06	14177535	CAROLYN E. WYLIE CENTER	\$12,102.90
191834	02/07/2012	06	14177538	ACADEMIC ADVANTAGE	\$3,415.10
191854	02/08/2012	06	14178533	LLOYD, JOHN	\$2,000.00
191859	02/08/2012	06	14178538	SURE PREP LEARNING, LLC.	\$58,292.00
191861	02/08/2012	06	14178540	OAK GROVE INSTITUTE	\$14,098.58
191862	02/08/2012	06	14178541	OAK GROVE INSTITUTE	\$11,180.46

191863	02/08/2012	06	14178542	RUSSO, FLECK AND ASSOCIATES	\$27,484.91
191864	02/08/2012	06	14178543	STARTING GATE EDUCATIONAL SERVICES	\$143,462.44
191881	02/09/2012	06	14179891	BEST, BEST, & KRIEGER, LLP	\$18,457.55
191937	02/09/2012	06	14179947	CENTEN CONSULTING, LLC	\$4,820.29
191953	02/09/2012	06	14179962	SCHOOLOUTFITTERS	\$3,953.09
191965	02/10/2012	06	14181196	SPECTRUM SOLUTIONS	\$3,803.86
191966	02/10/2012	06	14181197	STREET LAW	\$3,500.00
191969	02/10/2012	06	14181200	RIVERSIDE ARTS COUNCIL	\$6,337.74
191978	02/10/2012	06	14181209	GRILLO'S FILTER SALES	\$2,176.90
191983	02/10/2012	06	14181214	INLAND LIGHTING SUPPLIES INC	\$2,894.98
191992	02/10/2012	06	14181223	BLOCK PLUMBING, INC.	\$8,677.70

TOTAL FOR FUND 06 \$726,417.07

ADULT EDUCATION FUND 11

191621	02/03/2012	11	14175906	ETS-GED SCORING CENTER	\$2,496.00
191746	02/06/2012	11	14176755	PEARSON EDUCATION, INC.	\$7,359.96

TOTAL FOR FUND 11 \$9,855.96

CAFETERIA SPECIAL REVENUE FUND 1

191477	01/31/2012	13	14172229	P & R PAPER SUPPLY	\$4,786.00
191479	01/31/2012	13	14172231	A & R WHOLESALE DISTRIBUTORS INC	\$9,909.19
191480	01/31/2012	13	14172232	A & R WHOLESALE DISTRIBUTORS INC	\$3,007.24
191481	01/31/2012	13	14172233	A & R WHOLESALE DISTRIBUTORS INC	\$4,687.14
191483	01/31/2012	13	14172235	A & R WHOLESALE DISTRIBUTORS INC	\$12,558.08
191490	01/31/2012	13	14172242	ASR FOOD DISTRIBUTORS, INC.	\$12,301.99
191492	01/31/2012	13	14172244	ASR FOOD DISTRIBUTORS, INC.	\$7,782.02
191502	01/31/2012	13	14172254	GOLD STAR FOODS, INC.	\$22,121.25
191555	02/01/2012	13	14173875	GOLD STAR FOODS, INC.	\$3,720.38
191561	02/01/2012	13	14173881	GOLD STAR FOODS, INC.	\$3,851.31
191564	02/01/2012	13	14173884	GOLD STAR FOODS, INC.	\$18,595.69
191565	02/01/2012	13	14173885	GOLD STAR FOODS, INC.	\$28,200.36
191566	02/01/2012	13	14173886	GOLD STAR FOODS, INC.	\$28,297.80
191567	02/01/2012	13	14173887	GOLD STAR FOODS, INC.	\$12,476.33
191569	02/01/2012	13	14173889	GOLD STAR FOODS, INC.	\$21,614.36
191623	02/03/2012	13	14175908	DJ CO-OPS	\$7,340.45
191625	02/03/2012	13	14175910	DOUG POWELL	\$2,444.00
191635	02/03/2012	13	14175920	IMPACT IMAGES, INC.	\$2,559.71
191637	02/03/2012	13	14175922	KAMRAN AND COMPANY, INC.	\$34,303.29
191638	02/03/2012	13	14175923	MAJOR CLEANUP INC	\$2,084.60
191741	02/06/2012	13	14176750	BELSON OUTDOORS, INC.	\$6,622.00
191742	02/06/2012	13	14176751	BELSON OUTDOORS, INC.	\$3,353.00
191747	02/06/2012	13	14176756	DEMATTEO'S PIZZA	\$4,346.00
191751	02/06/2012	13	14176760	E-Z UP	\$2,047.04
191754	02/06/2012	13	14176763	GRAINGER NUT. SVC	\$6,851.04
191804	02/07/2012	13	14177509	ASR FOOD DISTRIBUTORS, INC.	\$12,563.10
191805	02/07/2012	13	14177510	ASR FOOD DISTRIBUTORS, INC.	\$6,733.31

191814	02/07/2012	13	14177519	P & R PAPER SUPPLY	\$4,567.41
191817	02/07/2012	13	14177522	TCB MANUFACTURING	\$3,827.16
191825	02/07/2012	13	14177530	HOLLANDIA DAIRY	\$41,096.51
191871	02/08/2012	13	14178550	GOLD STAR FOODS, INC.	\$4,179.28
191872	02/08/2012	13	14178551	GOLD STAR FOODS, INC.	\$5,379.39
191919	02/09/2012	13	14179929	GOLD STAR FOODS, INC.	\$3,667.98
191923	02/09/2012	13	14179933	HOLLANDIA DAIRY	\$47,027.48
191924	02/09/2012	13	14179934	SYSCO LOS ANGELES, INC.	\$3,590.89
191935	02/09/2012	13	14179945	SYSCO LOS ANGELES, INC.	\$3,285.29
191939	02/09/2012	13	14179949	US FOODSERVICE, INC. - JOSEPH WEBB	\$2,559.93
TOTAL FOR FUND 13					\$404,338.00
<u>BUILDING FUND 21</u>					
191522	02/01/2012	21	14173842	SCHOOL SPACE SOLUTIONS, INC.	\$4,177.77
191523	02/01/2012	21	14173843	LEIGHTON CONSULTING, INC	\$12,800.00
191524	02/01/2012	21	14173844	EPIC ENGINEERS	\$3,750.00
191536	02/01/2012	21	14173856	CHAMPION ELECTRIC	\$3,798.00
191540	02/01/2012	21	14173860	HMC ARCHITECTS	\$10,060.00
191542	02/01/2012	21	14173862	HMC ARCHITECTS	\$16,086.70
191547	02/01/2012	21	14173867	HMC ARCHITECTS	\$7,786.23
191552	02/01/2012	21	14173872	NEFF CONSTRUCTION, INC.	\$147,769.20
191553	02/01/2012	21	14173873	NEFF CONSTRUCTION, INC.	\$10,463.40
191994	02/10/2012	21	14181225	NATURE-TECH LANDSCAPING	\$2,790.00
TOTAL FOR FUND 21					\$219,481.30
<u>CAPITAL FACILITIES FUND 25</u>					
191518	02/01/2012	25	14173838	BEST, BEST, & KRIEGER, LLP	\$3,505.17
191519	02/01/2012	25	14173839	BEST, BEST, & KRIEGER, LLP	\$2,510.11
TOTAL FOR FUND 25					\$6,015.28
<u>COUNTY SCHOOL FACILITIES FUND 35</u>					
191769	02/06/2012	35	14176777	RIVERSIDE, CITY OF	\$18,579.20
TOTAL FOR FUND 35					\$18,579.20
<u>SPECIAL RESERVE FUND FOR CAPITAL</u>					
191530	02/01/2012	40	14173850	SILVER CREEK INDUSTRIES, INC.	\$41,237.82
TOTAL FOR FUND 40					\$41,237.82
<u>SELF-INSURANCE FUND 67</u>					
191558	02/01/2012	67	14173878	DELTA HEALTH SYSTEMS	\$38,763.99
191802	02/07/2012	67	14177507	RUSD WORKER'S COMP TRUST	\$19,347.86
191836	02/07/2012	67	14177540	UNION BANK OF CALIFORNIA	\$136,532.25
191884	02/09/2012	67	14179894	THOMPSON & COLEGATE	\$2,257.79
191933	02/09/2012	67	14179943	COMMUNITY ACTION EMPLOYEE ASSISTANC	\$6,530.00
TOTAL FOR FUND 67					\$203,431.89
<u>MULTIPLE FUND CODES</u>					
191507	02/01/2012		14173827	STANDARD LIFE INSURANCE	\$3,818.00
191508	02/01/2012		14173828	STANDARD LIFE INSURANCE	\$2,574.00

191527	02/01/2012	14173847	PEDERSEN, PHD, JOHN E.	\$2,200.00
191528	02/01/2012	14173848	PEDERSEN, PHD, JOHN E.	\$2,200.00
191529	02/01/2012	14173849	STUDENT TRANSPORTATION OF AMERICA	\$133,210.83
191531	02/01/2012	14173851	STUDENT TRANSPORTATION OF AMERICA	\$64,458.60
191600	02/02/2012	14174130	STUDENT TRANSPORTATION OF AMERICA	\$134,300.20
191601	02/02/2012	14174131	STUDENT TRANSPORTATION OF AMERICA	\$64,532.50
191602	02/02/2012	14174132	STUDENT TRANSPORTATION OF AMERICA	\$166,013.20
191603	02/02/2012	14174133	STUDENT TRANSPORTATION OF AMERICA	\$80,725.08
191611	02/03/2012	14175896	SOUTH COUNTIES EMPLOYER EMPLOYEE TRUST	\$864,605.72
191612	02/03/2012	14175897	SOUTH COUNTIES EMPLOYER EMPLOYEE TRUST	\$549,368.27
191613	02/03/2012	14175898	SOUTH COUNTIES EMPLOYER EMPLOYEE TRUST	\$94,645.61
191614	02/03/2012	14175899	SOUTH COUNTIES EMPLOYER EMPLOYEE TRUST	\$49,760.16
191616	02/03/2012	14175901	ALLIANCE OF SCHOOLS FOR COOPERATIVE INS	\$114,844.54
191617	02/03/2012	14175902	ALLIANCE OF SCHOOLS FOR COOPERATIVE INS	\$59,401.61
191619	02/03/2012	14175904	ALLIANCE OF SCHOOLS FOR COOPERATIVE INS	\$13,526.26
191620	02/03/2012	14175905	ALLIANCE OF SCHOOLS FOR COOPERATIVE INS	\$30,027.39
191624	02/03/2012	14175909	AMERICAN DENTAL PROF SERVICE	\$7,876.25
191626	02/03/2012	14175911	AMERICAN DENTAL PROF SERVICE	\$6,863.90
191631	02/03/2012	14175916	METROPOLITAN LIFE INSURANCE COMPANY	\$5,231.28
191632	02/03/2012	14175917	METROPOLITAN LIFE INSURANCE COMPANY	\$5,235.29
191642	02/03/2012	14175927	PACIFIC EDUCATORS, INC	\$2,612.37
191706	02/06/2012	14176715	OFFICE MAX	\$15,787.47
191707	02/06/2012	14176716	OFFICE MAX	\$8,829.13
191708	02/06/2012	14176717	OFFICE MAX	\$4,058.32
191789	02/07/2012	14177494	FLOOR TECH AMERICA, INC.	\$23,480.00
191860	02/08/2012	14178539	PEDERSEN, PHD, JOHN E.	\$2,200.00
191869	02/08/2012	14178548	STUDENT TRANSPORTATION OF AMERICA	\$65,965.50
191870	02/08/2012	14178549	STUDENT TRANSPORTATION OF AMERICA	\$32,036.15
191878	02/08/2012	14178557	STUDENT TRANSPORTATION OF AMERICA	\$159,644.77
191879	02/08/2012	14178558	STUDENT TRANSPORTATION OF AMERICA	\$80,451.65
191892	02/09/2012	14179902	RIVERSIDE, CITY OF	\$330,423.94
191903	02/09/2012	14179913	WAXIE SANITARY SUPPLY	\$15,191.60
191970	02/10/2012	14181201	OFFICE MAX	\$24,715.00
191971	02/10/2012	14181202	OFFICE MAX	\$11,160.62
191972	02/10/2012	14181203	OFFICE MAX	\$5,314.89
191973	02/10/2012	14181204	OFFICE MAX	\$2,885.07
TOTAL FOR VARIOUS FUND CODES				\$3,240,175.17
TOTAL OF WARRANTS OVER \$2,000.00				\$5,321,538.12
TOTAL OF WARRANTS UNDER \$2,000.00				\$172,566.63
GRAND TOTAL OF WARRANTS				\$5,494,104.75

**Board Meeting Agenda
March 5, 2012**

Topic: Resolution No. 2011/12-47 – Resolution of the Board of Education of the Riverside Unified School District to Appropriate Revenues, Expenditures, and Fund Balance

Presented by: Brenda Hofer, Accountant

Responsible
Cabinet Member: Mike Fine, Deputy Superintendent, Business Services and Governmental Relations

Type of Item: Consent

Short Description: Funds have been received or are anticipated to be received by the school district. Revenue lists are presented to the Board of Education for adoption.

DESCRIPTION OF AGENDA ITEM:

Subsequent to the adoption of the District’s annual budget, the District may receive funds or receive notice of the appropriation of new or additional funds to the District from a variety of federal, state and local sources. California Education Code Section 42602 provides that the governing board of a school district may, by a majority vote of its members, budget and use any unbudgeted income provided during the fiscal year from any source.

Additional funds have been received or are anticipated to be received this fiscal year from a variety of federal, state and local sources. The attached resolution appropriates the revenue and associated expenditures related to these previously unbudgeted funds.

FISCAL IMPACT: \$19,142.00

RECOMMENDATION: It is recommended that the Board of Education adopt Resolution No. 2011/12-47– Resolution to Appropriate Revenues, Expenditures, and Fund Balance.

ADDITIONAL MATERIAL: A detailed listing of the new revenues and expenditures is attached to the resolution.

Attached: Yes

RIVERSIDE UNIFIED SCHOOL DISTRICT

Resolution No. 2011/12-47

**RESOLUTION OF THE BOARD OF EDUCATION OF THE RIVERSIDE
UNIFIED SCHOOL DISTRICT TO APPROPRIATE REVENUES,
EXPENDITURES, AND FUND BALANCE**

WHEREAS, the Board of Education of the Riverside Unified School District has determined that revenues in the amount of \$19,142.00 have been received or are anticipated to be received in the current fiscal year; and

WHEREAS, the Board of Education of the Riverside Unified School District has determined that expenditures in the amount of \$19,142.00 are necessary in the current fiscal year; and

WHEREAS, such revenues, expenditures and/or fund balance are in excess of amounts previously budgeted;

NOW, THEREFORE, BE IT RESOLVED, that pursuant to California Education Code Section 42602, such revenues, expenditures and/or fund balance shall be appropriated as detailed on the attached listing.

PASSED AND ADOPTED by the Board of Education of the Riverside Unified School District at its regular meeting held on March 5, 2012 by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

Kathy Allavie, Clerk
Board of Education

Dated: _____

Fund	Object	Description	Amount
03	8692	Sponsorship	23,700.00
06	8699	Regional Occupational Program	442.00
06	8699	Education Initiative Grant	(5,000.00)
			<u>19,142.00</u>
03	4000	Books and Supplies	23,700.00
06	4000	Books and Supplies	(4,558.00)
			<u>19,142.00</u>

**Board Meeting Agenda
March 5, 2012**

Topic: Approval to Exercise the Option for Renewal of Kern County Superintendent of Schools Bid #518983 With Promethean, Inc., for the Purchase of Promethean Smart Boards (Collaborative Classroom Systems)

Presented by: Jane Jumnongsilp, Purchasing Manager

Responsible

Cabinet Member: Mike Fine, Deputy Superintendent, Business Services and Governmental Relations

Type of Item: Consent

Short Description: Cooperative purchasing agreement for the purchase of Promethean Smart Boards.

DESCRIPTION OF AGENDA ITEM:

California law provides that public agencies may establish cooperative purchasing agreements wherein one public agency awards a competitive contract to a vendor and allows other public agencies to utilize or “piggyback” on the contract. Approval of a cooperative purchasing agreement does not obligate the Board of Education to issue a contract or appropriate any funds. As indicated below, the Board of Education must find and determine that the use of a cooperative purchasing agreement is in the best interests of the District.

On April 16, 2007, the Board of Education approved the use of an existing PEPPM Multi-State Award through Kern County Superintendent of Schools. Promethean, Inc., (whose authorized representative is Logical Choice, Inc.) was awarded Bid No. 518983, which allows for cooperative purchasing agreements between public agencies. The contract was valid through December 31, 2010. This request is to approve the use of the extended agreement through December 31, 2013.

District staff has reviewed available cooperative purchasing agreements and other formal purchasing options for the purchase of computer equipment, peripherals & related services and found that the subject contract best meets the needs of the District.

FISCAL IMPACT: The approval of this agenda item to allow the use of the cooperative purchasing agreement referenced without limit as to dollar amount or items.

RECOMMENDATION: It is recommended that the Board of Education find and determine that it is in the best interest of the District to approve the purchase of Promethean Smart Boards to purchase quantities at unit prices quoted, sufficient to meet the needs of the Riverside Unified School District. Furthermore, the District will make all purchases in its own name, be responsible for payment directly to the vendor, and is responsible for any tax liability.

ADDITIONAL MATERIAL: Extension of Agreement

Attached: Yes

PEPPM 2011 Product Line Bid -- California
KCSOS and AWARDED VENDOR AGREEMENT

BETWEEN

Kern County Superintendent of Schools

AND

Promethcan
(Bidder's legal name referred to throughout this agreement as "Vendor")

For Bid Product Line:

Promethcan
(Product Line Name within PEPPM 2011 Product Line Bid-CA)

THE BACKGROUND OF THIS AGREEMENT IS AS FOLLOWS:

- I. KERN COUNTY SUPERINTENDENT OF SCHOOLS, referred to throughout this Agreement as "AGENCY") is a County Office of Education established by Article IX of the California Constitution with its principal place of business at 1300 17th Street, Bakersfield, CA 93301.
- II. AGENCY cooperates with the Central Susquehanna Intermediate Unit (CSIU) of Lewisburg, Pennsylvania for the operation of a cooperative bidding program in California, referred to as PEPPM, for technology equipment, furniture and supplies, a program which serves all California public school districts, court schools, county office of education, state-approved private schools, public libraries, nonpublic schools, approved charter schools, community colleges and, with the vendor's approval and where permissible by statute or regulation, colleges, universities, county governments, local municipalities and related county/municipal authorities, and other eligible purchasers in California and similar entities in other states.
- III. CSIU is the national coordinator for the PEPPM program.
- IV. AGENCY has issued an Invitation to Bid, titled "PEPPM 2011 Product Line Bid-- California," in accordance with bid procedures established in the California Public Contract Code and California Education Code.
- V. Vendor is an individual or entity, which has submitted a sealed bid in accordance with bid terms and conditions.

NOW, THEREFORE, IN CONSIDERATION OF THE MUTUAL COVENANTS CONTAINED IN THIS AGREEMENT, KCSOS AND VENDOR AGREE THAT:

- 1. **Term.** This Agreement shall commence on January 01, 2011 and end on December 31, 2013.
 - 1.1 Vendor agrees to extend its bid prices according to all terms and conditions of the Contract documents, to each educational agency, private school and other agencies that are authorized to purchase the products included in the Vendor's bid by virtue of that bid having been submitted to and accepted by KCSOS.

1.2 If the AGENCY decides to extend the bid award beyond December 31, 2013 for a period of one year after the original termination date, this Agreement will automatically extend upon mutual agreement with the KCSOS and the Vendor. Vendor responsibilities under this Agreement will continue, CSIU services under this Agreement will continue to be provided and all fees enumerated by this Agreement will continue to be payable by the Vendor for a corresponding period of time.

2. **Fee.** For the Term of this Agreement, Vendor agrees to remit the PEPPM transaction fee based on the following terms to Epylon Corporation ("Epylon") of Lafayette, California:

2.1 Vendor will be required, except as stipulated in Section III.7 of the Terms and Conditions, to remit to Epylon a Transaction Fee of 1.75% of the purchase price for each completed purchase off the awarded contracts. This fee will not be charged to or paid by the purchasing agencies participating in PEPPM and is not to be stated or included in the bid responses, contract prices, or any quotes provided,

2.2 Vendor will be required to agree to the terms and conditions found in the Epylon Vendor Merchant Agreement at www.epylon.com and incorporated herein by reference.

3. Required Information.

3.1 In addition to fully complying with all KCSOS requirements stated in the bid Terms and Conditions, the Vendor must supply the information needed to post Vendor's product/price lists on the PEPPM Internet Home Page and the Epylon eCommerce system in no less than Excel 2003 for Windows format using the required Price List Template. The data requirements include, at a minimum:

- 3.1.1 Bundle Base Unit
- 3.1.2 Price Method
- 3.1.3 Vendor SKU
- 3.1.4 Product Name
- 3.1.5 Product Description
- 3.1.6 Current Price per UOM
- 3.1.7 UOM
- 3.1.8 Manufacturer Name
- 3.1.9 Manufacturer SKU
- 3.1.10 Other information as required from time to time by the CSIU or AGENCY.

3.2 The Vendor shall submit the following in Microsoft Word or PDF format:

- 3.2.1 Ordering information using template provided
- 3.2.2 Large volume discount information
- 3.2.3 Employee buy information
- 3.2.4 Product leasing information
- 3.3 Vendors have the option of having their line items displayed in the Epylon contract database within the Epylon website ("Hosted Placement") at no additional charge or using a cXML punch-out solution, whereby buyers log on to Epylon and are sent to the vendor's own proprietary web site, with Epylon's shopping cart functionality ("Retriever/PunchOut").

By default, all Vendors will be set up with Epylon to have their line item prices displayed as part of Epylon's on-line contract catalog database. If vendors have a previously arranged punch-out relationship with Epylon, that punchout functionality will be used to display prices instead of Epylon's on-line contract catalog database. Awarded Vendors have the option of using a cXML punch-out solution, whereby buyers log on to Epylon and are sent to the vendor's own proprietary

web site, with Epylon's shopping cart functionality ("Retriever/PunchOut"). Vendors may also choose to provide a punch-out from the PEPPM web site whereby buyers log on to PEPPM and are sent to the Vendor's own proprietary web site. Buyers using Vendor's shopping cart functionality must be able to accumulate products for acquiring a real-time PEPPM quote that can be printed for fax order submission. At no time while using this feature will the buyer be able to "purchase" directly from the vendor.

3.3.1 Vendor's who choose to have Hosted Placement must submit timely Excel data files, in a specific format and on a specific Excel template, as described elsewhere in this document. There is no charge for Vendor's to use this option. Updates are limited to one per week, according to Epylon's specifications and time frame. If for extraordinary or emergency reasons, the Vendor insists on updating price files more than once per week, the vendor will be charged \$500 per contract file (bundles count as one contract each).

3.3.2 If there are any changes to the existing list, new product announcements, price changes, or other adjustments to the posted list, Vendor shall provide updates to this information on a timely basis via electronic file transfer and utilizing the Price List Template. Confirmations indicating that pricing is current can be provided via electronic mail, fax, or overnight mail.

3.3.2.1 If there is not an update or confirmation within five (5) weeks, the Vendor will be contacted by the PEPPM staff requesting compliance.

3.3.2.2 Failure to submit update/confirmation information within five (5) weeks as required may result in the suspension of the Vendor's listings from PEPPM until these or any other conditions of the bid are met or the termination of the AGENCY Award contract.

4. **Conformance to Bid Terms and Conditions.** Pursuant to and in compliance with the Invitation for Bid for the PEPPM 2011 Product Line Bid - California, its Terms and Conditions, and the other documents relating thereto, the undersigned Bidder, having familiarized himself with the terms of the bid and the conditions affecting the performance of the bid, hereby proposes and agrees to perform, within the time stipulated, everything required by this agreement at the service levels offered and at the discounts or mark-ups offered and any resulting effective prices herein set forth.

5. **Legal Products.** Vendor certifies, by affixing his/her signature below, that all of the products being offered or to be offered under this bid solicitation come from legal sources, have legally valid licenses, and are free of any copyright violation and that all items offered are in full compliance with specifications and Terms and Conditions of the Invitation to Bid and applicable California law.

6. **Non-Performance.** Vendor agrees that its presence on PEPPM is not a guarantee of any sales to LEAs. Vendor agrees to market its products to LEAs to generate sales. Vendor is expected to achieve a minimum of \$5,000 in PEPPM sales per quarter for each awarded catalog category. Failure to achieve that level may result in the termination of the Vendor's contract for that catalog category at the end of any three-month period.

6.1 Failure to comply with any requirements of this contract by Vendor, which cannot be rectified within a reasonable time frame as determined by KCSOS may result in the termination of the Vendor's contract for the awarded catalog category (ies) and removal from the PEPPM program.

7. **Additional Information.** Vendor shall cooperate with the KCSOS and CSIU on requests for additional information, which will assist the Agencies in serving PEPPM-eligible purchasers throughout the term of this Agreement.

7.1 Vendors shall cooperate with AGENCY's reasonable requests for information and shall comply with all audit provisions contained within the Terms and Conditions.

8. Governing Law and Venue for Disputes. This Agreement shall be governed by and construed under the laws of the state of California, any disputes shall be determined in the court of general jurisdiction in the County of Kern.

IN WITNESS WHEREOF, the parties, intending to be legally bound, have caused their hands to be affixed.

Vendor Signature *Jerry Baillou*
 Signatory Title *VP of Channels North America*
 Vendor Name *Promethcan*
 Address *1165 Sanctuary Parkway Ste 400*
 City State Zip *Alpharetta, GA 30009*
 Date *10/21/10*

KCSOS Signature *Mary Ann Simms*

For Dr. Christine Brader, Kern County Superintendent of Schools
 Signatory Title *Director, LBS*
 Vendor Name *Kern County Superintendent of Schools*
 Address *1300 17th Street*
 City State Zip *Bakersfield, CA 93301*
 Date *12/21/10*

**Board Meeting Agenda
March 5, 2012**

Topic: Award of Bid for Bid No. 2010/11-10 – Arlington High School Athletic Field Upgrades Project – Category 29 - Grandstands

Presented by: Jane Jumnongsilp, Purchasing Manager

Responsible

Cabinet Member: Mike Fine, Deputy Superintendent, Business Services and Governmental Relations

Type of Item: Action

Short Description: This project consists of the grandstands at Arlington High School as part of the Athletic Field Upgrades.

DESCRIPTION OF AGENDA ITEM:

Three contractors picked up a bid package for Bid No. 2010/11-10 – Arlington High School Athletic Field Upgrades Project – Category #29 – Grandstands. On February 10, 2011, three bids were received. At the time of the bid the District could not award a contract because Division of State Architects (DSA) approval had not yet been obtained on the plans and specifications (shop drawings) that would be prepared and submitted by the lowest responsive responsible bidder. On January 25, 2012, we have received confirmation from HMC Architects that DSA has stamped out the grandstand drawings, which will now allow the District to award the contract. It is recommended that the contract be awarded to Southern Bleacher Company, Inc. the lowest responsive responsible bidder with the amount of \$226,000.00.

The work to be performed consists of grandstands at Arlington High School. Funding for this project is from Redevelopment, Measure B and Special Reserve Funds.

FISCAL IMPACT: Bid value of \$226,000.00 is included in the construction budget for this project.

RECOMMENDATION: It is recommended that the Board of Education consider awarding or denying Bid No. 2010/11-10 consistent with the Board’s direction relative to total facility program funding and specific facility project scope.

ADDITIONAL MATERIAL: Bid Form 2010/11-10

Attached: Yes

BID FORM

TO: RIVERSIDE UNIFIED SCHOOL DISTRICT, acting by and through its Governing Board, (herein called "DISTRICT").

FROM: Southern Bleacher Company, Inc.
(Proper Name of Bidder)

1. Pursuant to and in compliance with your Notice Inviting Bids and other documents relating thereto, the undersigned bidder, having familiarized himself with the terms of the contract, the local conditions affecting the performance of the contract and the cost of the work at the place where the work is to be done, hereby proposes and agrees to perform within the time stipulated, the contract, including all of its component parts, and everything required to be performed, including its acceptance by the DISTRICT, and to provide and furnish any and all labor, materials, tools, expendable equipment, and utility and transportation services necessary to perform the contract and complete all of the work in a workmanlike manner required in connection with the construction of:

ARLINGTON HIGH SCHOOL GRANDSTANDS
Bid No. 2010/11-10

in the DISTRICT described above, all in strict conformance with the drawings and other contract documents on file at the Purchasing Office of said DISTRICT for amounts set forth herein.

2. **ADDENDA:** The undersigned has thoroughly examined any and all Addenda (if any) issued during the bid period and is thoroughly familiar with all contents thereof and acknowledges receipt of the following Addenda: (Bidder to list all addenda).

ADDENDUM NO. <u>1</u>	DATE RECEIVED <u>2/7/11</u>
ADDENDUM NO. _____	DATE RECEIVED _____
ADDENDUM NO. _____	DATE RECEIVED _____
ADDENDUM NO. _____	DATE RECEIVED _____

3. **BASE BID:**

BID PACKAGE NO. 2010/11-10 Category: 29 - Stadium Grandstands

TOTAL CASH PURCHASE PRICE IN WORDS FOR SITE (*including any applicable allowances*):

Two Hundred Twenty Six Thousand and No/100----- **DOLLARS**

TOTAL FOR SITE (numerical) (*including any applicable allowances*):

(\$ 226,000.00-----)

4. **ALTERNATE BIDS:** The following amounts shall be added to or deducted from the Base Bid at the DISTRICT'S option. Alternates are fully described in the Specifications.

Alternate No. 1: ADD/DEDUCT <u>n/a</u>	Dollars (\$ <u>n/a</u>)
Alternate No. 2: ADD/DEDUCT <u>n/a</u>	Dollars (\$ <u>n/a</u>)
Alternate No. 3: ADD/DEDUCT <u>n/a</u>	Dollars (\$ <u>n/a</u>)

5. TIME FOR COMPLETION: CONTRACTOR shall perform and complete all Work under this Contract within **three hundred and sixty-five (365) consecutive calendar days**, beginning ten (10) calendar days after the date the Notice to Proceed is sent by the DISTRICT to the CONTRACTOR. Moreover, CONTRACTOR shall perform its Work in strict accordance with any completion schedule, construction schedule or project milestones developed pursuant to provisions of the Contract, including but not limited to the Project Schedule located in the Specifications

The DISTRICT may give a Notice to Proceed within ninety (90) days of the award of the bid by the DISTRICT. Once the CONTRACTOR has received the notice to proceed, the CONTRACTOR shall complete the work in the time specified in the Agreement.

In the event that the DISTRICT desires to postpone giving the Notice to Proceed beyond this ninety (90) day period, it is expressly understood that with reasonable notice to the CONTRACTOR, giving the Notice to Proceed may be postponed by the DISTRICT. It is further expressly understood by the CONTRACTOR, that the CONTRACTOR shall not be entitled to any claim of additional compensation as a result of the postponement of giving the Notice to Proceed.

If the CONTRACTOR believes that a postponement will cause a hardship to it, the CONTRACTOR may terminate the contract with written notice to the DISTRICT within ten (10) days after receipt by the CONTRACTOR of the DISTRICT'S notice of postponement. It is further understood by the CONTRACTOR that in the event that the CONTRACTOR terminates the Contract as a result of postponement by the DISTRICT, the DISTRICT shall only be obligated to pay the CONTRACTOR for work performed by the CONTRACTOR at the time of notification of postponement. Should the CONTRACTOR terminate the contract as a result of a notice of postponement, the DISTRICT shall have the authority to award the contract to the next lowest responsible bidder.

6. DISTRICT'S RIGHT TO REJECT: It is understood that the DISTRICT reserves the right to reject any or all bids and/or waive any irregularities or informalities in this bid or in the bid process. The CONTRACTOR understands that it may not withdraw this bid for a period of one hundred and twenty (120) days after the date set for the opening of bids.
7. BID SECURITY: Attached is bid security in the amount of not less than ten percent (10%) of the bid: \$ Ten Percent of Greatest Amount Bid (10% G.A.B.). (Bid bond), certified check, cashier's check, or cash. (circle one)
8. PROPOSED SUBCONTRACTORS: The required List of Designated Subcontractors is attached hereto.
9. NONCOLLUSION AFFIDAVIT: The required notarized Noncollusion Affidavit is attached hereto.
10. SUBSTITUTION REQUESTS: The Substitution Request Form, if applicable, is attached hereto.
11. PERFORMANCE AND PAYMENT BOND: It is understood and agreed that if written notice of the acceptance of this bid is mailed, telegraphed, or delivered to the undersigned after the opening of the bid, and within the time this bid is required to remain open, or at any time thereafter before this bid is withdrawn, the undersigned will

execute and deliver to the DISTRICT a contract in the form attached hereto in accordance with the bid as accepted, and that he will also furnish and deliver to the DISTRICT the Performance Bond and Payment Bond, all within ten (10) calendar days after receipt of notification of award, and that the work under the contract shall be commenced by the undersigned bidder, if awarded the contract, by the start date provided in the DISTRICT'S Notice to Proceed, and shall be completed by the CONTRACTOR in the time specified in the contract documents.

12. PROPER ADDRESS: Notice of Award or other correspondence should be addressed to the undersigned at the address stated below.

13. NAME(S) OF PRINCIPAL(S): The names of all persons interested in the foregoing proposal as principals are as follows:

Jo Ann Geurin Pettus - President

Garrett Pettus - Vice President/Treasurer

Wyatt Pettus - Vice President/ Secretary

(IMPORTANT NOTICE: If bidder or other interested person is a corporation, state the legal name of such corporation, as well as the names of the president, secretary, treasurer and manager thereof; if a co-partnership, state the true names of the firm, as well as the names of all individual co-partners comprising the firm; if bidder or other interested person is an individual, state the first and last names in full.)

14. The undersigned bidder shall be licensed and shall provide the following information:

Bidder's California Contractor's License Number:	<u>564497</u>
License Expiration Date:	<u>4/30/11</u>
Name on License:	<u>Southern Bleacher Company, Inc.</u>
Type of License	<u>Class A - General Engineering</u>

If the bidder is a joint venture, each member of the joint venture must include the above information.

15. FORFITURE OF SECURITY: Time is of the essence regarding this contract, therefore, in the event the bidder to whom the Notice of Intent to Award Contract is given fails or refuses to post the required bonds and return executed copies of the Agreement form within ten (10) calendar days from the date of receiving the Notice of Award, the DISTRICT may declare the bidder's bid deposit or bond forfeited as damages.

16. ASSIGNMENT OF RIGHTS, TITLE AND INTEREST IN CAUSES OF ACTION: Pursuant to Government Code Section 4552, in submitting a bid to the DISTRICT, the bidder offers and agrees that if the bid is accepted, it will assign to the DISTRICT all rights, title, and interest in, and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. § 15) or under the Cartwright Act (Business and Professions Code Sections 16700, et seq.), arising from the purchase of goods, materials or services by the bidder for sale to the DISTRICT pursuant to the bid. Such assignment shall be made and become effective at the time the DISTRICT tenders final payment to the bidder.

17. The bidder declares that he/she has carefully examined the location of the proposed work, that he/she has examined the Plans, General Conditions of the contract, Special Conditions of the contract, and Specifications, and read the accompanying instructions to bidders, and hereby proposes and agrees, if this proposal is accepted, to furnish all materials and do all work required to complete the said work in accordance with the Plans, General Conditions of the contract, Special Conditions of the contract, and Specifications, in the time and manner therein prescribed for the unit cost and lump sum amounts set forth in this Bid Form.
18. In the event of ambiguity due to a conflict between words and numbers with respect to the amount of the bid, words shall govern over numbers.
19. The bidder is familiar with Government Code Sections 12650, et seq., and Penal Code Section 72 and understands that false claims can lead to imprisonment.

I, the below-indicated bidder, declare under penalty of perjury that the information provided and representations made in this bid are true and correct.

Southern Bleacher Company, Inc.
 Proper Name of Bidder

801 Fifth St. / PO Box One

Graham, TX 76450
 Address

By: 
 Signature of Bidder

Date: 2/8/11

NOTE: *If bidder is a corporation, the legal name of the corporation shall be set forth above together with the signature of authorized officers or agents and the document shall bear the corporate seal; if bidder is a partnership, the true name of the firm shall be set forth above, together with the signature of the partner or partners authorized to sign contracts on behalf of the partnership; and if bidder is an individual, his signature shall be placed above.*

All signatures must be made in permanent blue ink.

**Board Meeting Agenda
March 5, 2012**

Topic: Award of Bid for Bid No. 2011/12-65 – Riverside Polytechnic High School Field Upgrades & Pool Project – Category # 26 – Stadium Track & Field

Presented by: Jane Jumnongsilp, Purchasing Manager

Responsible

Cabinet Member: Mike Fine, Deputy Superintendent, Business Services and Governmental Relations

Type of Item: Action

Short Description: This project consists of the stadium track and field at Riverside Polytechnic High School as part of the Field Upgrades & Pool Project.

DESCRIPTION OF AGENDA ITEM:

Seven contractors picked up a bid package for Bid No. 2011/12-65 – Riverside Polytechnic High School Field Upgrades & Pool Project – Category #26 – Stadium Track and Field. On February 14, 2012, seven bids were received. It is recommended that the contract be awarded to C.S. Legacy Construction, Inc. the responsible bidder with the amount of \$1,223,924.00.

The work to be performed consists of stadium track & field at Riverside Polytechnic High School. Funding for this project is from Redevelopment and Measure B Funds.

FISCAL IMPACT: Bid value of \$1,223,924.00 is included in the construction budget for this project.

RECOMMENDATION: It is recommended that the Board of Education consider awarding Bid No. 2011/12-65 consistent with the Board’s direction relative to total facility program funding and specific facility project scope.

ADDITIONAL MATERIAL: Bid Form 2011/12-65

Attached: Yes

BID FORM

TO: **RIVERSIDE UNIFIED SCHOOL DISTRICT**, acting by and through its Governing Board, (herein called "DISTRICT").

FROM: C.S. Legacy Construction, Inc.
(Proper Name of Bidder)

1. Pursuant to and in compliance with your Notice Inviting Bids and other documents relating thereto, the undersigned Bidder, having familiarized himself with the terms of the contract, the local conditions affecting the performance of the contract and the cost of the work at the place where the work is to be done, hereby proposes and agrees to perform within the time stipulated, the contract, including all of its component parts, and everything required to be performed, including its acceptance by the DISTRICT, and to provide and furnish any and all labor, materials, tools, expendable equipment, and utility and transportation services necessary to perform the contract and complete all of the work in a workmanlike manner required in connection with the construction of:

POLY HIGH SCHOOL FIELD UPGRADES & POOL

Bid No. 2011/12-65

in the DISTRICT described above, all in strict conformance with the drawings and other contract documents on file at the Purchasing Office of said DISTRICT for amounts set forth herein.

2. **ADDENDA:** The undersigned has thoroughly examined any and all Addenda (if any) issued during the bid period and is thoroughly familiar with all contents thereof and acknowledges receipt of the following Addenda: (Bidder to list all addenda).

ADDENDUM NO. <u>1</u>	DATE RECEIVED <u>11/21/11</u>
ADDENDUM NO. <u>2</u>	DATE RECEIVED <u>12/2/11</u>
ADDENDUM NO. <u>3</u>	DATE RECEIVED <u>12/6/11</u>
ADDENDUM NO. <u>4</u>	DATE RECEIVED <u>12/8/11</u>
<u>5</u>	<u>1/27/12</u>

3. **BASE BID:**

BID PACKAGE NO. 26

TOTAL CASH PURCHASE PRICE IN WORDS FOR SITE(S) (including any applicable allowances): one million two hundred twenty-three thousand nine hundred and six G.S. one million two hundred eighty-three thousand ~~and six G.S. sixteen dollars~~ DOLLARS

TOTAL FOR SITE(S) (numerical) (including any applicable allowances): one million two hundred twenty-three thousand nine hundred and six G.S. ~~1,283,197.00~~ 1,218,310.00 G.S. 1,223,924.00

4. **ALTERNATE BIDS:** The following amounts shall be added to or deducted from the Base Bid at the DISTRICT'S option. Alternates are fully described in the Specifications.

Alt. No. 1: ADD/DEDUCT	<u>NA</u>	Dollars (\$ <u> </u>)
Alt. No. 2: ADD/DEDUCT	<u>NA</u>	Dollars (\$ <u> </u>)
Alt. No. 3: ADD/DEDUCT	<u>NA</u>	Dollars (\$ <u> </u>)

Alt. No. 4: ADD/DEDUCT	NA	Dollars (\$ _____)
Alt. No. 5: ADD/DEDUCT	NA	Dollars (\$ _____)
Alt. No. 6: ADD/DEDUCT	NA	Dollars (\$ _____)

5. **TIME FOR COMPLETION:** CONTRACTOR shall perform and complete all Work under this Contract within **three hundred and sixty-six (366) consecutive calendar days**, beginning ten (10) calendar days after the date the Notice of Award is sent by the DISTRICT to the CONTRACTOR. Moreover, CONTRACTOR shall perform its Work in strict accordance with any completion schedule, construction schedule or project milestones developed pursuant to provisions of the Contract, including but not limited to the Project Schedule located in the Specifications.

The DISTRICT may give a Notice to Proceed within ninety (90) days of the award of the bid by the DISTRICT. Once the CONTRACTOR has received the notice to proceed, the CONTRACTOR shall complete the work in the time specified in the Agreement.

In the event that the DISTRICT desires to postpone giving the Notice to Proceed beyond this ninety (90) day period, it is expressly understood that with reasonable notice to the CONTRACTOR, giving the Notice to Proceed may be postponed by the DISTRICT. It is further expressly understood by the CONTRACTOR, that the CONTRACTOR shall not be entitled to any claim of additional compensation as a result of the postponement of giving the Notice to Proceed.

If the CONTRACTOR believes that a postponement will cause a hardship to it, the CONTRACTOR may terminate the contract with written notice to the DISTRICT within ten (10) days after receipt by the CONTRACTOR of the DISTRICT'S notice of postponement. It is further understood by the CONTRACTOR that in the event that the CONTRACTOR terminates the Contract as a result of postponement by the DISTRICT, the DISTRICT shall only be obligated to pay the CONTRACTOR for work performed by the CONTRACTOR at the time of notification of postponement. Should the CONTRACTOR terminate the contract as a result of a notice of postponement, the DISTRICT shall have the authority to award the contract to the next lowest responsible Bidder.

6. **DISTRICT'S RIGHT TO REJECT:** It is understood that the DISTRICT reserves the right to reject any or all bids and/or waive any irregularities or informalities in this bid or in the bid process. The CONTRACTOR understands that it may not withdraw this bid for a period of one hundred and twenty (120) days after the date set for the opening of bids.
7. **BID SECURITY:** Attach bid security in the amount of not less than ten percent (10%) of the bid.
8. **PROPOSED SUBCONTRACTORS:** The required List of Designated Subcontractors is attached hereto.
9. **NONCOLLUSION AFFIDAVIT:** The required notarized Noncollusion Affidavit is attached hereto.
10. **SUBSTITUTION REQUESTS:** The Substitution Request Form, if applicable, is attached hereto.

11. PERFORMANCE AND PAYMENT BOND: It is understood and agreed that if written notice of the acceptance of this bid is mailed, telegraphed or delivered to the undersigned after the opening of the bid, and within the time this bid is required to remain open, or at any time thereafter before this bid is withdrawn, the undersigned will execute and deliver to the DISTRICT a contract in the form attached hereto in accordance with the bid as accepted, and that he will also furnish and deliver to the DISTRICT the Performance Bond and Payment Bond, all within ten (10) calendar days after receipt of notification of award, and that the work under the contract shall be commenced by the undersigned Bidder, if awarded the contract, by the start date provided in the DISTRICT'S Notice to Proceed, and shall be completed by the CONTRACTOR in the time specified in the contract documents.
12. PROPER ADDRESS: Notice of Award or other correspondence should be addressed to the undersigned at the address stated on following page.
13. NAME(S) OF PRINCIPAL(S): The names of all persons interested in the foregoing proposal as principals are as follows:

Gregg Strumpf - President

(IMPORTANT NOTICE: If Bidder or other interested person is a corporation, state the legal name of such corporation, as well as the names of the president, secretary, treasurer and manager thereof; if a co-partnership, state the true names of the firm, as well as the names of all individual co-partners comprising the firm; if Bidder or other interested person is an individual, state the first and last names in full.)

14. The undersigned Bidder shall be licensed and shall provide the following information:

Bidder's California Contractor's License Number:	<u>826870</u>
License Expiration Date:	<u>10/31/13</u>
Name on License:	<u>Gregg Strumpf / C.S. Legacy Construction, Inc.</u>
License Classification:	<u>A.B.C-27</u>

If the Bidder is a joint venture, each member of the joint venture must include the above information.

15. FORFEITURE OF SECURITY: Time is of the essence regarding this contract, therefore, in the event the Bidder to whom the Notice of Award is given fails or refuses to post the required bonds and return executed copies of the Agreement form within ten (10) calendar days from the date of receiving the Notice of Award, the DISTRICT may declare the Bidder's bid deposit or bond forfeited as damages.
16. ASSIGNMENT OF RIGHTS, TITLE AND INTEREST IN CAUSES OF ACTION: Pursuant to Government Code Section 4552, in submitting a bid to the DISTRICT, the Bidder offers and agrees that if the bid is accepted, it will assign to the DISTRICT all rights, title, and interest in, and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Section 15) or under the Cartwright Act (Business and

Professions Code Sections 16700, et seq.), arising from the purchase of goods, materials or services by the Bidder for sale to the DISTRICT pursuant to the bid. Such assignment shall be made and become effective at the time the DISTRICT tenders final payment to the Bidder.

17. The Bidder declares that he/she has carefully examined the location of the proposed work, that he/she has examined the Plans, General Conditions of the contract, Special Conditions of the contract, and Specifications, and read the accompanying instructions to Bidders, and hereby proposes and agrees, if this proposal is accepted, to furnish all materials and do all work required to complete the said work in accordance with the Plans, General Conditions of the contract, Special Conditions of the contract, and Specifications, in the time and manner therein prescribed for the unit cost and lump sum amounts set forth in this Bid Form.
18. In the event of ambiguity due to a conflict between words and numbers with respect to the amount of the bid, words shall govern over numbers.
19. The Bidder is familiar with Government Code Sections 12650, et seq., and Penal Code Section 72 and understands that false claims can lead to imprisonment.

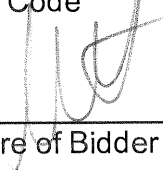
I, the below-indicated Bidder, declare under penalty of perjury that the information provided and representations made in this bid are true and correct.

C.S. Legacy Construction, Inc.
Proper Name of Bidder

2/13/12
Date

13263 Yorba Ave.
Address

Chino, CA 91710
City, State, Zip Code

By: 
Signature of Bidder

By: Nancy Mellon
Signature of Bidder

President - Gregg Strumpf
Title

Secretary - Nancy Mellon
Title

NOTE: *If Bidder is a corporation, the legal name of the corporation shall be set forth above together with the signature of authorized officers or agents and the document shall bear the corporate seal; if Bidder is a partnership, the true name of the firm shall be set forth above, together with the signature of the partner or partners authorized to sign contracts on behalf of the partnership; and if Bidder is an individual, his signature shall be placed above.*

All signatures must be made in permanent blue ink.

**Board Meeting Agenda
March 5, 2012**

Topic: Approval of Change Order No. 1 – Purchase Order C6001812 – Bid No. 2010/11-25 – Polytechnic High School Parking Lot and Offsite Improvements

Presented by: Jane Jumnongsilp, Purchasing Manager

Responsible

Cabinet Member: Mike Fine, Deputy Superintendent, Business Services and Governmental Relations

Type of Item: Consent

Short Description: A change is recommended in the scope of work for the Polytechnic High School Parking Lot and Offsite Improvements.

DESCRIPTION OF AGENDA ITEM:

On May 16, 2011, the Board of Education approved Bid No. 2010/11-25 – Polytechnic High School Parking Lot and Offsite Improvements. The bid was awarded to Roadway Engineering & Contracting, Inc., and Purchase Order C6001812 was issued in the amount of \$992,400.00.

District staff is requesting a change in the scope of work for Change Order No. 1 to (1) remove and replace concrete at the exterior door thresholds; (2) remove an existing eucalyptus tree in order to install a new storm drain; (3) revise the layout of the parking lot and relocate the retaining wall to increase the width of the planter in order to avoid having to relocate an existing sewer line; (4) remove additional soil containing deleterious material and replace with approved fill; (5) re-route the irrigation main line and add an additional section of mainline with sleeves to avoid proposed future improvements; (6) upgrade the concrete pump from a pea gravel mix to a hard rock mix; and (7) cap an existing irrigation mainline and remove an existing backflow discovered during the demolition phase; (8) provide additional asphalt cold planning and overlay work on Central Avenue; (9) provide additional turf demolition and grading required to allow for the installation of the sidewalk; and (10) replace the existing v-ditch to allow for the installation of a new storm drain.

Change Order No. 1, in the amount of \$67,612.36, brings the total amount of the purchase order to \$1,060,012.36. Funding for this project is fifty percent (50%) from Measure B; eleven percent (11%) from Redevelopment; and thirty-nine percent (39%) from Special Reserve.

FISCAL IMPACT: Change order value of \$67,612.36 is included in the budget for this project.

RECOMMENDATION: It is recommended that the Board of Education approve Change Order No. 1, in the amount of \$67,612.36 to Roadway Engineering & Contracting, Inc. – Purchase Order C6001812, bringing the new total amount of the purchase order to \$1,060,012.36.

ADDITIONAL MATERIAL: Request for Change Order No. 1 – Polytechnic High School Parking Lot and Offsite Improvements.

Attached: Yes

CHANGE ORDER

DSA A# 04-111628
File No. 33-38

Distribution to:
 OWNER INSPECTOR
 ARCHITECT DSA
 CONTRACTOR CITY AGENCY
 FIELD OTHER

PROJECT: Riverside Unified School District
 Poly High School Parking Lot and
 Offsite Improvements

CHANGE ORDER NO.: 3-28-1

DATE: January 25, 2012

TO: Roadway Engineering & Contracting
 8861 A Jurupa Road
 Riverside, CA 92509

PROJECT NO.: HMC # 3152130

CONTRACT FOR: Traffic Signal Addition

Bid Category 28

You are directed to make the following changes in this Contract:

Reference attached Items 3.1 – 3.10

Not valid until signed by both the Owner and Architect.
 Signature of the Contractor indicates his agreement herewith, including any adjustment in the Contract Sum or Contract Time.

The original Contract Sum was	\$	992,400.00
Net change by previously authorized Change Orders.....	\$	0.00
The Contract Sum prior to this Change Order was	\$	992,400.00
The Contract Sum will be increased by this Change Order	\$	67,612.36
The new Contract Sum including this Change Order will be.....	\$	1,060,012.36

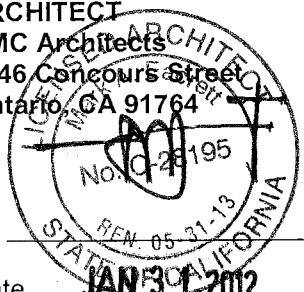
The Contract Time will be changed by [0] Days.
 The Date of Completion as of the date of this Change Order therefore is:

ARCHITECT

HMC Architects
 3546 Concomers Street
 Ontario, CA 91764

By _____

Date _____



CONTRACTOR

Roadway Engineering &
 Contracting
 8861 A Jurupa Road
 Riverside, CA 92509

By _____

Date _____

[Signature]
 Enzo Alvarez - President
 2/9/12

Authorized:

OWNER

Riverside Unified School District
 3070 Washington Street
 Riverside, CA 92504

By _____

Date _____

cc: K. Hauser (RUSD), S. Potter (IOR), C. Stockton (Neff), J. Wurst (HMC), File-CO.CO

ITEM CO: 3.1
(COR 4-28-3)

Reference Drawings G0.30, A-1.00, A-1.20 & C3.2:

At the north east end of Building 'E', remove and replace the section of existing concrete noted to remain per Key Note #20 on sheet A-1.00 and Key Note #28 on sheet A-1.20 and finish concrete at the exterior door thresholds as shown on drawing CD-09.01.

Justification: The existing concrete was replaced to provide new concrete flatwork up to the existing Building.

Requested by: Owner

ADD \$2,234.00

ITEM CO: 3.2
(COR 5-28-4)

Reference Drawings C3.4 & C4.4:

At the landscaped area along the south east end of Building 'B', remove an existing eucalyptus tree that is adjacent the new storm drain pipe being installed.

Justification: The existing tree was actually closer to the storm drain trench than was graphically shown on the plans and tree was completely removed to eliminate the possibility of having the tree fall due to the amount of root damage it would incur.

Requested by: Owner

ADD \$2,650.00

ITEM CO: 3.3
(COR 6-28-5)

Reference Drawings C3.4 & A-1.30:

At the new parking lot west of Building E-1 & E-2, revise the layout of the parking lot and relocate the retaining wall as shown on clarification drawings CD-03.01, CD-03.02, CD-03.03R1, CD-03.04, CD-03.05, CD-03.06 & CD-03.07.

Justification: Parking lot layout revised and retaining wall relocated to increase the width of the planter between the new parking lot and the existing buildings in order to avoid having to relocate an existing sewer line and other utilities that would have been exposed with the original narrow planter.

Requested by: Owner

ADD \$16,029.03

ITEM CO: 3.4
(COR 8-28-7)

Reference Drawings A-1.10, A-1.30:

At the new parking lot west of Buildings 'E-2' and 'E-2', remove an additional 4'-6" of existing fill with traces of deleterious material (approximately 6'-0" below finish surface) and replace with approved fill.

Justification: During the over excavation for the new parking lot, partially burned tree branches and stumps were uncovered requiring additional fill be removed and replaced at the direction of the soils engineer.

Requested by: Owner

ADD \$17,763.51

ITEM CO: 3.5
(COR 16-28-14)

Reference Drawing L-1.1:

At the north parking lot adjacent Central Ave, re-route the irrigation main line and add additional section of mainline with sleeves as shown on drawing CD-10.01.

Justification: The mainline relocated to avoid proposed future site improvements and the additional section of mainline added per District request.

Requested by: Owner

ADD \$4,755.00

ITEM CO: 3.6
(COR 26-28-23)

Reference Drawing CD-03.02 (A-1.30):

At the new retaining wall west of buildings E-1 and E-2, upgrade the concrete pump from a Pea Gravel Mix to a Hard Rock Mix pump.

Justification: In order to make up lost schedule time, the compressive strength mix of the concrete was increased in order to sooner obtain the minimum strength concrete strength required to remove the form work.

Requested by: Owner

ADD \$850.00

ITEM CO: 3.7
(COR 27-28-24)

Reference Drawings A-1.10, A-1.30 & L-1.2:

Adjacent the new curb ramp west of and between Buildings B-1 and E-2, cut and cap an existing 2" irrigation mainline and remove an existing backflow.

Justification: The undocumented 2" irrigation mainline and back flow device was discovered during the demolition phase and required removal to allow for the installation of the curb ramp.

Requested by: Owner

ADD \$4,340.32

ITEM CO: 3.8
(COR 28-28-25)

Reference Drawing C2.1:

At the intersection of Central Avenue and the new driveway entrance, provide additional asphalt cold planning and overlay work on Central Ave.

Justification:

This additional work occurred due to the City of Riverside requiring additional asphalt replacement along Central Ave while the sewer lateral and traffic signal were being installed.

Requested by: Owner

ADD \$11,411.00

ITEM CO: 3.9
(COR 30-28-27)

Reference Drawings A-1.10 & C3.3:

At the planter along the west end of Building B-1, provide additional turf demo and grading required for the removal of the existing irrigation main line and the lower of the existing AT&T duct bank.

Justification:

The undocumented 2" irrigation mainline and the shallow AT&T duct bank that were discovered during the demolition phase required revised grading to allow the proposed sidewalk to be installed per the designed elevations.

Requested by: Owner

ADD \$5,098.50

ITEM CO: 3.10
(COR 31-28-28)

Reference Drawings A-1.10, A-1.30, C3.3, C4.3 & C5.1:

At the west end of Building B-1, replace the existing v-ditch and provide a new v-ditch per detail I on C5.1 and drain to the gutter using parkway drain standard 410.

Justification:

The discovery of the shallow AT&T duct bank did not allow for the installation of the new storm drain line and the respective run off to be discharged through an under sidewalk drain.

Requested by: Owner

ADD \$2,481.00

TOTAL CHANGE ORDER AMOUNT \$67,612.36

**Board Meeting Agenda
March 5, 2012**

Topic: Parking Lot Lighting for Various Schools

Presented by: Kirk Lewis, Ed.D, Assistant Superintendent, Operations

Responsible
Cabinet Member: Kirk Lewis, Ed.D, Assistant Superintendent, Operations

Type of Item: Consent

Short Description: The Board will be asked to approve the installation of parking lot lighting at various school sites.

DESCRIPTION OF AGENDA ITEM:

The Board of Education at the February 21, 2012, regular meeting, adopted Resolution No. 2011/12-45, amending the Measure B Facilities Improvement Plan with respect to John Adams, Alcott, Castle View, Emerson, Fremont, Harrison, Highgrove, Highland, Andrew Jackson, Thomas Jefferson, Liberty, Longfellow, Madison, and Victoria Elementary Schools; Sunshine School; Central Middle School; and Abraham Lincoln High School to add parking lot lighting as an eligible project for Measure B funding.

The Operations/Board Subcommittee requested that parking lot lighting be added to John Adams, Emerson, Fremont, Liberty, Longfellow, and Madison Elementary Schools; and Central Middle School, at the subcommittee meeting on February 28, 2012.

FISCAL IMPACT: Approximately \$256,000, Measure B Contingency Funds.

RECOMMENDATION: It is recommended that the Board of Education approve the installation of parking lot lighting to John Adams, Emerson, Fremont, Liberty, Longfellow, and Madison Elementary Schools; and Central Middle School.

ADDITIONAL MATERIAL: No.

Board Meeting Agenda
February 21, 2012

Topic: Out-of-State Field Trip – Ramona High School

Presented by: Dr. William E. Ermert, Assistant Superintendent, Instructional Services

Responsible
Cabinet Member: Dr. William E. Ermert, Assistant Superintendent, Instructional Services

Type of Item: Consent

Short Description: Ramona High School’s Winter Guard will travel to Dayton, Ohio, to participate in the Winter Guard International Color Guard World Championships, April 10 – 15, 2012.

DESCRIPTION OF AGENDA ITEM:

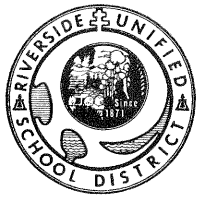
Ramona High School’s Winter Guard will travel to Dayton, Ohio, to participate in the Winter Guard International Color Guard World Championships, April 10 – 15, 2012. The trip will be funded by fundraising activities.

FISCAL IMPACT: None

RECOMMENDATION: Approval is requested for Ramona High School’s Winter Guard multiple-day field trip.

ADDITIONAL MATERIAL: Multiple-Day Field Trip application and itinerary

Attached: Yes



RIVERSIDE UNIFIED SCHOOL DISTRICT
Elementary and Secondary Education

MULTIPLE-DAY FIELD TRIP APPLICATION

Multiple-Day Field Trip Application must be submitted to the Director of Elementary or Secondary Education for approval **two months prior to departure** for in-state trips, and **four months prior to departure** for out-of-state and out-of-country trips. Out-of-country field trips require Board approval at least **four months prior to departure**. The Multiple-Day Final Checklist is due to the principal 2 weeks prior to departure. Submit application to the Director of Elementary or Secondary Education for approval within time limits as noted.

School: Ramona Grade Level: 9-12
Teacher's Name: Chitwood Teaching (Subject): Band Phone #: x65066
Field Trip Dates: 4/10/12 - 4/15/12 Location (City and State): Dayton, OH
Number School Days Missed: 4 Number Students: 12 Number Adults: 6 Ratio Adult to Student: 2 To 1
Name and Title of Adults: Nicholas Chitwood, Teacher; Tabatha Nickers, Jessica Sutauskis, Jeff Jensen, Coach; Maurice Johnson, Kevin Golightly, Parents
Administrator Accompanying Group Yes No Name(s): _____
Name of Group (i.e. Choir, Drill Team, Swim Team, etc.): Winter Guard
Name of Event (ATTACH INFORMATION DESCRIBING EVENT): WGI Finals
Link to course of study: VAPA Standard 2.0 Creative Expression - Performance

Estimated cost per student: 91200 Detailed Funding Plan: See attached
Transportation By: Bus -- Check one: RUSD or _____ Charter Bus to Airport and back 11739-11740
 Plane _____
 Private Vehicle (The vehicle MUST have one seat and a seat belt for each person in the car.)
 NOTE: CHECK THIS BOX TO VERIFY THAT ALL DRIVERS OF PRIVATE VEHICLES HAVE BEEN APPROVED BY RUSD'S TRANSPORTATION DEPARTMENT. **Field trip will not be approved until private vehicle drivers have been approved.**
 Other Rental vehicle - Chitwood - Jensen - C. Wisniewski - M. Johnson

Insurance for Host Organization (if applicable): _____
Housing Accommodations: Hotel

SIGNATURES:
Teacher: [Signature] Date: 1/18/12
Principal: [Signature] Date: 2/1/12
Director, Elementary - Secondary Education: [Signature] Date: 2-15-12
Transportation Manager: [Signature] Date: 2-14-12
*Deputy - Assistant Superintendent, Instruction: [Signature] Date: _____
*Superintendent: _____ Date: 2-21-12

*For out-of-state requests only
**For out-of-country requests only
**Date of Board Action

DEPARTMENT USE ONLY
 Approval pending clearance of Transportation and signed Multiple Day Final Checklist
 Not approved because _____

A Multiple-Day Checklist, signed by the site principal, is required to be filed with the Elementary or Secondary Education department 1 week prior to departure.

Itinerary for Dayton Trip

Tuesday, April 10th

3:00 AM Bag check prior to departure for Dayton.
4:00 AM Load bus for Airport.
4:15 AM Depart for Dayton.
5:15 AM Arrive at John Wayne Airport
6:45 AM Flight from SNA to Denver (Frontier 0265)
10:10 AM Arrive Denver International.
11:35 AM Depart Denver International for Indianapolis Airport. (Frontier 0618)
3:55 PM Arrive at Indianapolis Airport.
4:30 PM Depart for hotel (Location TBA).
5:00 PM Check-in to hotel.
5:20 PM Depart for dinner.
5:40 PM Dinner
6:30 PM Depart for practice site.
7:00 PM Rehearsal
9:00 PM Depart for hotel.
10:00 PM Lights out

Wednesday, April 11th

8:00 AM Breakfast served in hotel.
9:00 AM Board vans and head to practice site.
12:00 PM Lunch break.
1:00 PM Practice continues.
4:00 PM Practice complete. Return to hotel
6:00 PM Depart for dinner/mall.
8:00 PM Return to hotel.
9:30 PM Lights out.

Thursday, April 12th

8:00 AM Breakfast served in hotel.
9:00 AM Board vans and head to prelims site. (Cintas Center @ Xavier University)
12:00 PM Compete in preliminary competition.
2:00 PM Lunch served by parents.
3:00 PM Watch open class semis.
7:00 PM Dinner served by parents.
9:00 PM Awards ceremony.
9:30 PM Return to hotel.
10:30 PM Lights out.

Friday, April 13th

8:00 AM Breakfast served in hotel.
9:00 AM Board vans and head to semi-finals site. (Nutter Center @ Wright State University)
12:00 PM Compete in A class semi-finals competition.
2:00 PM Lunch served by parents.
4:00 PM Compete in A class finals. (University of Dayton Arena)
7:00 PM Dinner served by parents.

9:00 PM Awards ceremony.
9:30 PM Return to hotel.
10:30 PM Lights out.

Saturday, April 14th

9:00 AM Breakfast served in hotel.
10:00 AM Board bus and head to world class finals site. (University of Dayton Arena) Bring all of your belongings!
1:00 PM Lunch served by parents.
4:00 PM Compete in A class finals.
7:00 PM Dinner served by parents.
10:00 PM Awards ceremony.
10:30 PM Depart to Indianapolis Airport.

Sunday, April 15th

1:00 AM Arrive at Indianapolis Airport. Check in to flight.
6:40 AM Flight from Indianapolis to Denver (Frontier 0615)
7:30 AM Arrive in Denver.
8:10 AM Flight from Denver to Orange County (Frontier 0262)
9:35 AM Arrive at John Wayne Airport.
10:00 AM Depart for Riverside.
11:00 AM Arrive in Riverside. Go home, and do your homework!

Emergency Contact Info:

Mr. Nicholas Chitwood – (951) 588-5353 [cell]

**Board Meeting Agenda
March 5, 2012**

Topic: Certificated Personnel Assignment Order – CE 11/12-13 and
 Classified/Non-Classified Personnel Assignment Order CL 11/12-13

Presented by: Lou Mason, Director of Certificated Personnel and
 Vanessa Connor, Director of Classified Personnel

Responsible
Cabinet Member: Susan Mills, Assistant Superintendent Human Resources

Type of Item: Consent

Short Description: The latest District’s management, certificated and classified personnel actions are presented to the Board of Education for approval

DESCRIPTION OF AGENDA ITEM:

Board approval is requested of the District’s latest management, certificated and classified personnel actions, which include the following:

Change in Status from Substitute Employee to Regular Employee, Exhaustion of Sick Leave – 39 Month Reemployment, Leaves, New Hires, New Hires – Probationary 1, New Hires – Temporary Employee (E.C. §44909), New Hires – Temporary Employees (E.C. §44920), Promotions, Rehires from the 39-Month Reemployment List, Resignations, Resignation-Management, Retirements, Retirement-Management, School Nutrition Association (SNA) Certification, Temporarily Assigned to a Higher Classification, and Voluntary Demotions/Reassignments/ Reductions/Transfers.

FISCAL IMPACT: To be determined

RECOMMENDATION: It is recommended that the Board of Education approve the District’s latest personnel actions for both certificated and classified.

ADDITIONAL MATERIAL: Certificated Personnel Assignment Order – CE 11/12-13 and Classified/Non-Classified Personnel Assignment Order CL 11/12-13

Attached: Yes

CERTIFICATED PERSONNEL ASSIGNMENT ORDER #CE 11/12-13

March 5, 2012

CERTIFICATED PERSONNEL

Leaves

Alcott Elementary School (Personal Unpaid Leave - Extension) Yeager, Elizabeth M.	Teacher	07/01/12 – 06/30/13
Arlington High School (Personal Unpaid Leave) Zlaket, Gina M.	Teacher	07/01/12 – 06/30/13
Beatty Elementary School (Personal Unpaid Leave) Barboza Dominguez, Angelica	Teacher	12/02/12 – 02/08/12* <small>*Amendment to 01/17/12 Board</small>
Chemawa Middle School (Personal Unpaid Leave – Extension) Iavicoli, Shelley C.	Teacher	07/01/12 – 06/30/13
Frank A. Miller Middle School (Personal Unpaid Leave – Extension) McCluskey, Casey J.	Teacher	07/01/12 – 06/30/13
John W. North High School (Personal Unpaid Leave – Extension) Herzog, Crisa E.	Teacher	07/01/12 – 06/30/13
King High School (Family Medical Leave Act Leave) Labarrere, Stacy D.	Teacher	07/01/12 – 06/30/13
Lake Mathews Elementary School (Personal Unpaid Leave – Extension) Gomez, Adriana I. Hansen, Erin E.	Teacher Teacher	07/01/12 – 06/30/13 07/01/12 – 06/30/13
Magnolia Elementary School (Personal Unpaid Leave – Extension) Malstrom, Kimberly K.	Teacher	07/01/12 – 06/30/13

Consent Agenda — Page 2

Monroe Elementary School (Personal Unpaid Leave – Extension) Hernandez, Valerie L.	Teacher	07/01/12 – 06/30/13
Polytechnic High School (Personal Unpaid Leave – Extension) Gillman, Camberley L.	Teacher	07/01/12 – 06/30/13

New Hires – Probationary 1

Central Middle School Roll, Sean A.	Teacher	02/06/12
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New Hires – Temporary Employee (E.C. §44909)

Special Education Department McMasters, Stephanie J.	School Nurse	02/14/12
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New Hires – Temporary Employees (E.C. §44920)

Abraham Lincoln Continuation High School Smith, Mollie C.	Teacher	02/08/12
Franklin Elementary School Goodloe, Laura F.	Teacher	02/13/12

Resignations

Central Middle School Sun, Mary T.	Teacher	06/09/12
Educational Options Center Gould, Joshua D.	Counselor	06/19/12

Kennedy Elementary School Malabanan-Obillo, Myra	Teacher	06/09/12
Tomás Rivera Elementary School Emmerling, Kim L.	Teacher	06/09/12
Retirements		
Alcott Elementary School Roth, Walter L.	Teacher	06/09/12
Chemawa Middle School Larrondo, Jorge E. Robbins, Ronald R.	Teacher Counselor	06/30/12 06/16/12
Educational Options Center Cantelon, Donna J.	Teacher	06/09/12
Highgrove Elementary School Kelley, Susan R. Larrabee, Nancy J.	Teacher Teacher	06/09/12 06/09/12
Highland Elementary School Dowal, Peter M. Martinez, Mary V.	Teacher Teacher	06/09/12 06/09/12
John W. North High School Cooper, William J. McNamara, James M.	Teacher Athletic Director	06/30/12 06/09/12
King High School Herington, Jennifer Kezer, Deborah J.	Teacher Teacher	06/09/12 06/09/12
Liberty Elementary School Winsell, Melba Y.	Teacher	06/09/12
Madison Elementary School Bond, Susan J.	Teacher	06/09/12
Polytechnic High School Blythe, Allison S.	Teacher	06/12/12

Retirement - Management

Child, Welfare & Attendance
Dickey, Barbara

CWA Manager

07/31/12

CLASSIFIED/NON-CLASSIFIED PERSONNEL ASSIGNMENT ORDER #CL 11/12-13
 March 5, 2012

CLASSIFIED PERSONNEL

Change in Status from Substitute Employee to Regular Employee

Earhart Middle School Lemesh, Patricia	Cafeteria Worker I	10 months, 3 hours	02/13/12
Educational Options Center Pantea, Corina	Alternative Education Learning Lab Assistant - Electronics	10 months, 4 hours	02/06/12
Highland Elementary School Cardey, Christian M.	Instructional Assistant – Special Education II	10 months, 6 hours	02/21/12
Martin Luther King High School Varela-Guerrero, Irene	Translator	10 months, 6 hours	02/07/12
Taft Elementary School Hayden, Devon M.	Cafeteria Worker I	10 months, 3 hours	02/13/12
University Heights Middle School Monteon, German A.	Custodian	12 months, 4 hours	02/07/12

Exhaustion of Sick Leave – 39 Month Reemployment

Castle View Elementary School Brown, Janette	Cafeteria Worker I	6 years of service	02/22/12
John W. North High School Stine, Jennifer L.	Secondary Library Media Assistant	13 years of service	02/15/12

Exhaustion of Sick Leave – 39 Month Reemployment - Continued

Lake Mathews Elementary School

Grigsby, Mary E.	Health Assistant	7 years of service	02/15/12
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Leaves

Maintenance & Operations

Mora, David A.	Grounds Maintenance Worker	FMLA	01/30/12 – 03/02/12
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Mt. View Elementary School

Mixon, Linda	Instructional Assistant – Special Education I	Unpaid Health Leave	02/24/12 – 04/24/12
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Nutrition Services - Highland Elementary School

Mendez, Carmen	Cafeteria Worker II	CFRA Leave	02/13/12 – 04/06/12
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New Hires

Washington Elementary School

Rocha, Ivette	Health Assistant	10 months, 4 hours	02/21/12
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Promotions

Ivery, Valencia

From: Emerson Elementary School, Instructional Assistant - Preschool, 10 months, 3.5 hours	To: Emerson Elementary School, Instructional Assistant – Special Education II, 10 months, 6 hours	02/06/12
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Promotions - Continued

Stadler, Marilyn	From: Program Development & Extended Learning, Grant Development Technician, 12 months, 8 hours	To: Program Development & Extended Learning, Grant Development Technician and Budget Technician II, 12 months, 8 hours	02/01/12
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Re-Hires from the 39-Month Re-employment List

Chemawa Middle School Gutierrez-Vallecillo, Maria A.	Cafeteria Worker I	10 months, 3 hours	02/07/12
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Resignations

Madison Elementary School Wheat, Judith	School Office Assistant	12 years, 7 months of service	02/10/12
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Ramona High School Jackson, LaKeisha	Instructional Assistant – Special Education II	10 years, 9 months of service	02/28/12
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Resignations - Management

Health Services Saks, M.D., Gerald Lee	District Physician	5 years, 8 months of service	04/21/12
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Maintenance & Operations Mueller, Kenneth J.	Director II, Maintenance & Operations	8 years, 7 months of service	03/17/12
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School Nutrition Association (SNA) Certification

Nutrition Services

Gibson, Theresa	Food Production Worker	From: Range 9-5 To: Range 10-5	03/01/12 – 02/28/13
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Temporarily Assigned to a Higher Classification

Maintenance & Operations

Ochoa, Armando	From: Custodian	To: Lead Custodian	01/03/12 – 01/31/12
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Voluntary Demotions/Reassignments/Reductions/Transfers

Franiuk, Shirley A.	From: Pachappa Elementary School, Intensive Behavior Interventions Assistant, 10 months, 6 hours	To: Beatty Elementary School, Intensive Behavior Interventions Assistant, 10 months, 6 hours	02/13/12
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Gonzalez, Orquidea	From: Beatty Elementary School, Intensive Behavior Interventions Assistant, 10 months, 6 hours	To: Mark Twain Elementary School, Intensive Behavior Interventions Assistant, 10 months, 6 hours	02/13/12
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Goodman, Janette D.	From: Nutrition Services – Earhart Middle School, Cafeteria Worker I, 10 months, 3.75 hours	To: Nutrition Services - Chemawa Middle School, Cafeteria Worker I, 10 months, 3 hours	02/22/12 <i>Amendment to 02/21/12 Board</i>
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NON-CLASSIFIED PERSONNEL

New Hires

Arias, Katrina	Sub Cafeteria Worker I	02/03/12
Barnes, Angela	Sub Noon Playground Supervisor	02/03/12
Canaday, Courtney	Workability Student	02/10/12
Carrasco, Carina	Sub Noon Playground Supervisor	02/03/12
Castro, Steven	Workability Student	02/06/12
Contreras, Gloria	Sub Noon Playground Supervisor	02/03/12
Cordero, Jordan	Tutor	02/06/12
Fletcher, Debra	Sub Noon Playground Supervisor	02/03/12
Garcia, Kristen	Sub Cafeteria Worker I	02/03/12
Garcia, Nancy	Workability Student	02/10/12
Garcia, Tania	Sub Noon Playground Supervisor	02/03/12
Grosky, Christopher	Workability Student	01/01/12
Grundy, Cherrie	Sub Noon Playground Supervisor	02/03/12
Gutierrez, Laura	Sub Noon Playground Supervisor	02/03/12
Herrera, Miriam	AVID Tutor	02/09/12
Johnson, Tammy	Sub Noon Playground Supervisor	02/13/12
Kazeroony, Sandra	Sub Noon Playground Supervisor	02/03/12
Leonard, Kelly L.	Sub Instructional Assistant	02/15/12
Mamawal, Bonnie J.	Sub Noon Playground Supervisor	02/03/12
Mares, Victoria	Sub Cafeteria Worker I	02/03/12
Marquez, Marissa	AVID Tutor	02/16/12
Mina, Juvy O.	Sub Instructional Assistant	02/03/12
Moore, Lynda M.	Sub Cafeteria Worker I	02/03/12
Navarrete, Anna A.	Sub Cafeteria Worker I	02/03/12
Nolasco Jr., Sergio	Sub Instructional Assistant	02/15/12
Oneal, Quinkitha S.	Sub Instructional Assistant	02/15/12
Othman, Marlina	Sub Noon Playground Supervisor	02/03/12
Peccerilli, Heidi	Workability Student	02/10/12
Perkins, Christopher	Workability Student	02/10/12
Ramirez, Julia	Sub Noon Playground Supervisor	02/03/12
Riddle, Veronique	Sub Cafeteria Worker I	02/03/12
Sachedina, Ariel J.	Sub Noon Playground Supervisor	02/03/12
Smith, Kristy J.	Sub Noon Playground Supervisor	02/03/12
Steghuis, Melissa P.	Sub Noon Playground Supervisor	02/03/12
Zhang, Jackie	Tutor	02/15/12

New Hires – Athletic Coaches*/Performing Arts Assistants/Walk-on Personnel

John W. North High School

Granger, Desmen	Basketball – Assistant	12/08/11
Mount, Mitchell	Soccer – J.V. Head	01/25/11

King High School

Akmal, Kamila	Performing Arts – Choir	02/13/12
Mapes, Kristy	Performing Arts – Dance	02/13/12
Ritzau, Cory	Golf – Assistant	02/15/12
Stager, James	Football – Frosh/Head	02/13/12
Vasel, Mathew L.	Track – Assistant	02/13/12

Polytechnic High School

Hodgkinson, Kristi	Softball – Assistant	02/07/12
Magana, Ruben	Softball – J.V. Head	02/07/12

*The temporary athletic coaches listed above are knowledgeable of the assigned sport and meet the qualifications and competencies required by law.

**Board Meeting Agenda
March 5, 2012**

Topic: Disclosure of Tentative Agreement Between Riverside Unified School District and its Employees Represented by the Riverside City Teachers Association

Presented by: Michael H. Fine, Deputy Superintendent, Business Services and Governmental Relations

Responsible

Cabinet Member: Michael H. Fine, Deputy Superintendent, Business Services and Governmental Relations

Type of Item: Report/Discussion

Short Description: This item represents the public disclosure of the terms and conditions, including financial impact, of a Tentative Agreement for employees represented by the Riverside City Teachers Association.

DESCRIPTION OF AGENDA ITEM:

The District has reached agreement on a Tentative Agreement (TA) with one of its collective bargaining units, the Riverside City Teachers Association representing certificated employees. The TA is the result of the collective bargaining process that began in September 2011. In November 2011, the District and RCTA reached a TA on the subject of health and welfare benefits and full day kindergarten program. That initial TA was disclosed on November 18, 2011 and approved by the Board on December 5, 2011.

The additional TA incorporates the following provisions (highlights only):

1. Article IX – Employee Benefits – Multiple sections of revisions to language that provide clarity and reflect current employee benefit program provisions. There were no changes in language that alter the employee benefits that were already in place or put in place as part of the November 2011 Tentative Agreement.
2. Multiple Articles related to changing the middle school academic calendar to reflect semesters instead of the current trimester format:

- Article X, Section 2, A (Workyear) – Provides for workyear for both returning and new middle school teachers to include three (3) non-student attendance days, one (1) each at the end of the first quarter, first semester and third quarter.
- Article X, Section 2, A (Workyear) – Provides technical adjustments to language to appropriately reference operations relative to middle school semesters.
- Article XIII, Section 3 (Class Size) - Provides technical adjustments to language to appropriately reference operations relative to middle school semesters.

This agenda item is intended to meet the public disclosure requirements of Assembly Bill 1200 (1991/1213) and Assembly Bill 2756 (2004/52). More specifically, AB 2756 amended Government Code Section 3547.5 to provide in part that, “before a public school employer enters into a written agreement with an exclusive representative covering matters within the scope of representation, the major provisions of the agreement, including, but not limited to, the costs that would be incurred by the public school employer under the agreement for the current and subsequent fiscal years, shall be disclosed at a public meeting of the public school employer.”

The typical disclosure form is not being used for this TA since there is no financial impact from this TA. See Fiscal Impact below.

RCTA has scheduled its ratification vote to be held in March. The middle school trimester / semester changes noted above will alter the previously approved school and work calendar for 2012-13. A draft of the new calendar is included with this agenda item and will be submitted for separate Board consideration on March 19.

FISCAL IMPACT: The Tentative Agreement results in only technical changes to the impacted Articles, none of which result in a current year or future year financial impact.

RECOMMENDATION: Information only. Public disclosure of the terms and conditions, including financial impact, of the Tentative Agreement for employees represented by the Riverside City Teachers Association.

ADDITIONAL MATERIAL: 1) Tentative Agreement

Attached: Yes

RIVERSIDE UNIFIED SCHOOL DISTRICT

AND

RIVERSIDE CITY TEACHERS ASSOCIATION

TENTATIVE AGREEMENT

February 2, 2012

Subject to the approval of the Riverside Unified School District Board of Education (the "District") and subject to ratification by the Riverside City Teachers Association ("RCTA") the parties agree to:

1. Article X, Section 2, A (Workyear) is amended in its entirety to read:

A. **Workyear:** The workyear shall be as provided in the school calendar which shall be developed by consultation between the Association and the District as provided in Article V. The calendars shall be constructed with the following limits:

1. Elementary and High School, Full-time K-12 Independent Study, Continuation High School: One hundred eighty-one (181) days of instruction.

Middle School, Opportunity School/COPE and Community Day School: One hundred eighty (180) days of instruction.

2. Returning Teachers

(a) Elementary School Teachers: Four (4) work days without students for returning elementary teachers to be used as two (2) elementary parent conference days plus two (2) days prior to the opening of schools.

(b) Middle School Teachers: Five (5) work days without students for returning middle school teachers to be used as three (3) non-student attendance days, one (1) each at the end of the first quarter, first semester and third quarter; plus two (2) days prior to the opening of schools.

(c) High School Teachers: Four (4) work days without students for returning high school teachers to be used as two (2) non-student attendance days, one (1) at the end of each semester; plus two (2) days prior to the opening of schools.

3. New Teachers

(a) Elementary School Teachers: Five (5) work days without students for new elementary teachers to be used as two (2) elementary parent conference days plus three (3) days prior to the opening of schools.

(b) Middle School Teachers: Six (6) work days without students for new middle school teachers to be used as three (3) non-student attendance

Initials _____

Initials _____

- days, one (1) each at the end of the first quarter, first semester and third quarter; plus three (3) days prior to the opening of schools.
- (c) High School Teachers: Five (5) work days without students for new high school teachers to be used as two (2) non-student attendance days, one (1) at the end of each semester; plus three (3) days prior to the opening of schools.
4. On the two (2) days prior to the opening of school, there shall be a limit of six and three-fourths (6 3/4) hours of mandatory meetings.
5. The following days shall be free of meetings:
- (a) The two high school end of semester days.
- (b) The three middle school end of first quarter, first semester and third quarter days.
6. Using the voting procedure in Section 2 and with the agreement of the school principal, annually by April 1, a middle school can modify the school calendar to enable 7th grade students to begin and end their school year one day earlier than the 8th grade students.
The adjustment of the school year shall not increase the number of workdays or student contact days for teachers. All employees shall have no less than seven and one half (7.5) hours of time for room preparation at the beginning of the school year. No employee shall be required to have more contact with 7th grade students on their first day of attendance than the proportional amount of 7th grade student_contact time determined by the employee's daily assigned teaching schedule. Similarly, no employee shall be required to have more contact with 8th grade students on the last day of 8th grade attendance than the proportional amount of 8th grade student contact time determined by the employee's daily assigned teaching schedule.
7. Elementary schools shall have a minimum day on the last day of pupil attendance of 240 minutes in length. As of the last day of school, should at least 120 annual minutes of attendance hours beyond the State minimum remain, and the day prior to the last day of school is a full day, the Superintendent shall declare the last day of school as 180 minutes in length.
8. In addition to the days above, all teachers new to the District shall attend an orientation day prior to the opening of school, as provided in (2) above.
9. All probationary and those temporary employees who have been employed fewer than three (3) consecutive years for at least 75 percent of the work year may be required to attend up to five (5) days inservice training outside their work year. These inservice days shall be related to school or District staff

Initials _____
Initials _____

development programs, with compensation at the Miscellaneous Salary Provision rate for inservice.

2. Article XII, Section 3 is amended in its entirety to read:

Section 3 - Middle Schools (7-8).

A. Class Size Maximums

1. Academic Classes: 35 students
2. Physical Education: 52 students
3. Business, Typing, Industrial Arts, Computers, and Vocational Classes: Not to exceed the number of operable work stations.
4. Instrumental and Vocal Music Classes: No maximum.
5. Visual & Performing Art Classes: 35 students

B. At the end of the twenty-fifth (25) day of the first semester, if the above maximum class sizes at a middle school worksite are exceeded, the District will make adjustments, either by reorganizing classes or providing additional teaching staff, in order to meet these maximums.

C. At the end of the fifteenth (15) day of the second semester, if above maximum class size at the middle school worksite is exceeded, the district will make necessary adjustments to meet requirements of section A.

D. At the end of the twenty-fifth day of the first semester or the fifteenth day of the second semester, no class shall exceed the maximum of Section A without the written approval of the teacher and a waiver of the class size requirement by the Association.

E. Any time the total enrollment in the set of five (5) classes taught by one (1) teacher exceeds one hundred seventy-five (175), the District, upon written request by that teacher, shall act to reduce the size of one (1) or more of the classes until the total enrollment in the five (5) classes is one hundred seventy-five (175) or fewer students. This provision shall not apply to assignments in music, physical education, and typing.

Initials _____
Initials _____

RIVERSIDE UNIFIED SCHOOL DISTRICT

School Calendar/Calendario Escolar Convencional

2012-2013

DRAFT 3/5/12

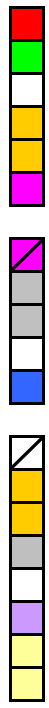
<p>S M T W T F S</p> <p>JULY</p> <p>1 2 3 4 5 6 7</p> <p>8 9 10 11 12 13 14</p> <p>15 16 17 18 19 20 21</p> <p>22 23 24 25 26 27 28</p> <p>29 30 31</p>	<p>S M T W T F S</p> <p>AUGUST</p> <p>1 2 3 4</p> <p>5 6 7 8 9 10 11</p> <p>12 13 14 15 16 17 18</p> <p>19 20 21 22 23 24 25</p> <p>26 27 28 29 30 31</p>	<p>S M T W T F S</p> <p>SEPTEMBER</p> <p>1</p> <p>2 3 4 5 6 7 8</p> <p>9 10 11 12 13 14 15</p> <p>16 17 18 19 20 21 22</p> <p>23 24 25 26 27 28 29</p> <p>30</p>	<p>S M T W T F S</p> <p>OCTOBER</p> <p>1 2 3 4 5 6</p> <p>7 8 9 10 11 12 13</p> <p>14 15 16 17 18 19 20</p> <p>21 22 23 24 25 26 27</p> <p>28 29 30 31</p>
<p>S M T W T F S</p> <p>NOVEMBER</p> <p>1 2 3</p> <p>4 5 6 7 8 9 10</p> <p>11 12 13 14 15 16 17</p> <p>18 19 20 21 22 23 24</p> <p>25 26 27 28 29 30</p>	<p>S M T W T F S</p> <p>DECEMBER</p> <p>1</p> <p>2 3 4 5 6 7 8</p> <p>9 10 11 12 13 14 15</p> <p>16 17 18 19 20 21 22</p> <p>23 24 25 26 27 28 29</p> <p>30 31</p>	<p>S M T W T F S</p> <p>JANUARY</p> <p>1 2 3 4 5</p> <p>6 7 8 9 10 11 12</p> <p>13 14 15 16 17 18 19</p> <p>20 21 22 23 24 25 26</p> <p>27 28 29 30 31</p>	<p>S M T W T F S</p> <p>FEBRUARY</p> <p>1 2</p> <p>3 4 5 6 7 8 9</p> <p>10 11 12 13 14 15 16</p> <p>17 18 19 20 21 22 23</p> <p>24 25 26 27 28</p>
<p>S M T W T F S</p> <p>MARCH</p> <p>1 2</p> <p>3 4 5 6 7 8 9</p> <p>10 11 12 13 14 15 16</p> <p>17 18 19 20 21 22 23</p> <p>24 25 26 27 28 29 30</p> <p>31</p>	<p>S M T W T F S</p> <p>APRIL</p> <p>1 2 3 4 5 6</p> <p>7 8 9 10 11 12 13</p> <p>14 15 16 17 18 19 20</p> <p>21 22 23 24 25 26 27</p> <p>28 29 30</p>	<p>S M T W T F S</p> <p>MAY</p> <p>1 2 3 4</p> <p>5 6 7 8 9 10 11</p> <p>12 13 14 15 16 17 18</p> <p>19 20 21 22 23 24 25</p> <p>26 27 28 29 30 31</p>	<p>S M T W T F S</p> <p>JUNE</p> <p>1</p> <p>2 3 4 5 6 7 8</p> <p>9 10 11 12 13 14 15</p> <p>16 17 18 19 20 21 22</p> <p>23 24 25 26 27 28 29</p> <p>30</p>

LEGAL & LOCAL HOLIDAYS

JULY	4	-	Independence Day
SEP	3	-	Labor Day
NOV	12	-	Veterans Day
	22	-	Thanksgiving Day
	23	-	All Facilities Closed
DEC	24	-	All Facilities Closed
	25	-	Christmas Holiday
	31	-	(In Lieu Admissions Day)
JAN	1	-	New Year's Holiday
	21	-	Martin Luther King's Day
FEB	15	-	Lincoln's Day
	18	-	Presidents' Day
MAY	27	-	Memorial Day

IMPORTANT DATES

AUG	22	-	New Employee Welcome
	23 & 24	-	All Teachers on Duty
	27	-	Classes Begin
OCT	26	-	End of First MS/HS Quarter (Middle School Not in Session)
NOV	15 & 16	-	Elementary Parent/Teacher Conferences (Elementary Not in Session)
	16	-	End of First Trimester
	19- 21	-	Thanksgiving Recess
DEC	24 - JAN 4	-	Winter Recess
JAN	7	-	Classes Resume
	18	-	End of First MS/HS Semester (MS/HS Not in Session)
MAR	8	-	End of Second Trimester
	29	-	End of Third MS/HS Quarter (Middle School Not in Session)
APR	1 - 5	-	Spring Recess
	8	-	Classes Resume
JUNE	12	-	End of Middle/High School
	13	-	End of Elementary School
	13	-	Last day for MS/HS & Traditional Teachers



**Board Meeting Agenda
March 5, 2012**

Topic: Materials-Based 40/80 Professional Development

Presented by: Steve Dunlap and Christy Ekman, Instructional Services Specialists

Responsible
Cabinet Member: Judi Paredes, Assistant Superintendent, Instructional Services

Type of Item: Report/Discussion

Short Description: Elementary Instructional Specialists will discuss a transition to online and blended learning for teachers. This opportunity is being offered through the materials-based professional development that is required by the California Department of Education.

DESCRIPTION OF AGENDA ITEM:

As a condition of program improvement, all teachers and administrators must participate in training and follow-up hours. This professional development must include information about our adopted materials, relevant research, collaboration, and data analysis. The requirement to purchase a pre-written program was lifted, so district staff has tailored the sessions for our teachers and administrators.

Elementary teachers and principals can now take all of the language arts training and some of the math training online. The reaction to the new delivery system has been positive. This method allows for much more communication between and among teachers, it requires immediate application into the classroom setting and provides a lasting resource for the district.

FISCAL IMPACT: 1.5 million (total over several years)

RECOMMENDATION: For information only.

ADDITIONAL MATERIAL: PowerPoint Presentation, “Materials-Based Professional Development for Teachers and Administrators”

Attached: Yes

Materials-Based Professional Development for Teachers and Administrators



What Does the Research Say about Professional Development?

- “Focused and sustained professional development that is integrated into instructional practice can foster professional inquiry and build a professional community.” (Fullan, 2001)
- “Relevant professional development for teachers on the effective implementation of the core program is necessary to improve student achievement.” (Carallo & McDonald, 2002)

What Are the Requirements?

Program Improvement Action Requires:

40 HOURS
training

80 HOURS
practicum

How Many Teachers Are Participating?

Language Arts:

- Approximately 800 teachers have completed
- 74 teachers need forty hours
- 15 teachers currently enrolled

Mathematics:

- Approximately 200 teachers have completed
- About 500 teachers only need sixteen hours
- 160 teachers currently enrolled online
- About 200 teachers need most of the forty hours

What Does the Online Course Look Like?

Announcements

- Overview
- Expectations
- Prerequisite
- Goals
- Scoring Rubric
- Modules
 - Module I
 - Module II
 - Module III
 - Module IV
 - Module V**
 - Module VI
 - Module VII
 - Module VIII

Module V

Module V: Differentiated Instruction for Strategic and Intensive Students (Complete by January 13)

You will build an understanding of:

- What differentiated instruction and practice looks like for strategic and intensive students.
- How to use the ancillary materials to support differentiation.
- What classroom management strategies increase the effectiveness of differentiated instruction.
- How to differentiate instruction in a whole class setting.
- How to plan a lesson to meet the needs of strategic and intensive students.

Readings

- Read chapter 7 of the ELA State Framework *Universal Access*.
- Read *How to Differentiate Instruction* from the Florida Center for Reading Instruction. This resource has multiple learning sites so please be sure to click on bold text, web links, grade levels boxes, pdfs, and multiple other items that might appear to take you to another source of information.
- Review the PowerPoint on differentiating instruction titled *Making a Difference Means Making it Different* during whole-group and small-group lessons.
- Watch the video on differentiation located on the right-hand side of this page by clicking on the picture as experts discuss various aspects of differentiation.
- Look through your Extra Support Handbook to identify the procedural routines and think about the best practices you have read about regarding differentiation and small group instruction. Based on what you have learned determine if you need to modify your procedures for using this resource in your classroom.

As an optional opportunity to **dig deeper** take advantage of the webinar on differentiation hosted by Carol Tomlinson and Marcia Imbeau located on the right-hand side of this page in the content block titled Webinar.

Assignments

Review the data you analyzed in Module III and make a list of your strategic and intensive students. Refer back to your lesson created using the HM materials in Module IV and build on this lesson by adding differentiation to address the needs of the strategic and intensive students in order to reach the rigor of the standard being taught. Think about the information you learned in this Module regarding differentiation for whole group as you plan your lesson. Write out the modification and place in the dropbox for my review.

Plan your Universal Access lesson that will address the instruction of the same standard during small group instruction for your intensive students. Outline your lesson and place in the dropbox for my review.

Plan one academic Must Do activity using HM materials that your strategic students will complete while you are working with the intensive students. Outline the activity and place as an attachment on the Discussion Board for your colleagues to provide positive suggestions and comments.

Take pictures of best practices you have implemented in your classroom for differentiation and place in your photo portfolio to share with our colleagues during the last face-to-face class session.

Discussion Board

Discuss the Universal Access "Must Do" activity you planned in your homework assignment. List the differentiated activity and discuss the rationale behind the assignment. Discuss how the activity reaches the rigor of the standard being taught and explain how the activity is differentiated from what an advanced or benchmark student might complete.

Don't forget to respond to at least 2 postings from your colleagues.

Discuss: Module V: Differentiated Instruction for Strategic and Intensive Students

Videos: Differentiation

Experts Discuss Differentiation

Hand In

70

How are Teachers Responding?

- ...“taking the online modules 7 & 8 really helped me streamline the content. I use the Big Ideas and Essential Questions (mod. 7) right along with my INTERACTIVE Math Wall (mod. 8)!!!! The students love all the engagement and interaction with the math wall. It has made my job as a Resource Teacher so much easier!!!”

- Cynthia Bearman
Resource Specialist
Lake Mathews Elem

How are Teachers Responding?

- “This is a strategy that I will use now on a daily basis and in many curricular areas. This was TERRIFIC!”
- “I did learn a lot about not only the five pillars of reading instruction, but computer skills as well.”
- “I especially enjoyed the Cognitive Elements of Reading article.”
- “What a terrific lesson Leigh, I like how you use the engagement strategies.”

What Benefits has the Online Portion Offered?

- Immediate implementation
- Shifts specialist time from information delivery to action support in the classroom
- Lasting resource for the teacher-learner
- Increased collaboration

What is Included in the 80 Practicum Hours?

- Data Analysis and Action Planning
- Instructional Planning
- Preparation of Instructional Materials
- Development of Common Assessments
- Integration of Technology
- Attendance in Materials-Based Meetings/Conferences

Summary



**Board Meeting Agenda
March 5, 2012**

Topic: Resolution No. 2011/2012-42 - Resolution of the Board of Education of the Riverside Unified School District to Approve the Reduction or Discontinuance of Particular Kinds of Certificated Services

Presented by: Michael Fine, Deputy Superintendent, Business Services and Governmental Relations

Responsible Cabinet Member: Michael Fine, Deputy Superintendent, Business Services and Governmental Relations

Type of Item: Action

Short Description: Resolution No. 2011/2012-42 - Resolution of the Board of Education to Approve the Reduction or Discontinuance of Particular Kinds of Certificated Services is being submitted for Board approval.

DESCRIPTION OF AGENDA ITEM:

Board approval is requested in the matter of the reduction or discontinuance of certain particular kinds of services for the 2012-2013 school year. Board approval is also requested for the District to initiate and pursue procedures necessary to not reemploy certificated employees as per Education Code §44949 and §44955 because of the reduction and discontinuance of the particular kinds of services.

The California Education Code requires that school districts notify certain employees by March 15th of the possibility that their services will no longer be needed in the following school year. For certificated employees, the Board of Education must find and determine that it is in the best interest of the Riverside Unified School District that, as of the end of the 2011-2012 school year, certain particular kinds of services now being provided by the District shall be reduced or discontinued.

Staff recommended 11 budget mitigation measures to the Board Finance Subcommittee on February 28. The Board Finance Subcommittee reviewed each recommended action and concurred. Those budget mitigation measures were adopted by the Board of Education at a special meeting on February 29, and provided the basis for reductions of certificated particular kinds of services (PKS) that the Board of Education will consider on concurrently with this item

on March 5, 2012. Additionally, categorical budget decisions at site levels and non-budgetary staffing matters influence the reduction or discontinuance of certain particular kinds of services.

It is recommended to the Board that the following particular kinds of services now being provided by the District be reduced or discontinued as itemized in Exhibit "A" of this resolution. The details of Exhibit "A" will be provided at the time of the meeting.

FISCAL IMPACT: Mitigation Measures #1 - #11 total \$17.5 million. However, not all of these mitigation measures drive the reduction or discontinuance of certain particular kinds of services. Additionally, categorical budget decisions at site levels and non-budgetary staffing matters may influence the reduction or discontinuance of certain particular kinds of services.

RECOMMENDATION: It is recommended that the Board of Education approve Resolution No. 2011/2012-42 – Resolution of the Board of Education to Approve the Reduction or Discontinuance of Particular Kinds of Certificated Services.

ADDITIONAL MATERIAL: Resolution No. 2011/2012-42 - Resolution of the Board of Education to Approve the Reduction or Discontinuance of Particular Kinds of Certificated Services

Attached: Yes (Exhibit "A"- Reduction or Discontinuance of Particular Kinds of Certificated Services will be provided at the time of the meeting.)

RIVERSIDE UNIFIED SCHOOL DISTRICT
Resolution No. 2011/2012-42

RESOLUTION OF THE
BOARD OF EDUCATION OF THE RIVERSIDE UNIFIED SCHOOL DISTRICT
TO APPROVE THE REDUCTION OR DISCONTINUANCE OF PARTICULAR KINDS
OF CERTIFICATED SERVICES

WHEREAS, on February 29, 2012, the Governing Board of the Riverside Unified School District (District) adopted budget mitigation measures which, in part, provide the basis for the reduction or discontinuance in particular kinds of services; and

WHEREAS, on February 6, 2012, pursuant to the provisions of California Education Code Section 44955(b), the Governing Board of the District adopted criteria to determine the seniority rank order for employees whose seniority began on the same day (commonly known as “tie-breaking criteria”). Such criteria are required to differentiate between employees based on an objective expression of the District’s needs should it become necessary to determine the order of termination for employees who first rendered paid service as a certificated probationary employee to the District on the same day; and

WHEREAS, on February 6, 2012, pursuant to the provisions of California Education Code Section 44955(d), the Governing Board of the District adopted criteria to retain certificated employees who possess special training or experience (commonly referred to as skipping criteria). Such criteria are required to retain certificated employees who possess special training or experience, which other certificated employees with more seniority do not possess, to teach a specific course of study; and

NOW THEREFORE, BE IT RESOLVED that pursuant to Education Code Sections 44955 and 44949 that the Governing Board of the District has determined:

1. That it shall be necessary to reduce or discontinue the particular kinds of services of the District as itemized in Exhibit "A", attached hereto, at the close of the current school year.
2. That it shall be necessary to terminate at the end of the 2011-12 school year, the employment of certain certificated employees of the District as a result of this reduction or discontinuance in particular kinds of services.

3. The Superintendent is directed to send appropriate notices to all employees whose services shall be terminated by virtue of this action. Nothing herein shall be deemed to confer any status or rights upon temporary or categorically funded project certificated employees in addition to those specifically granted to them by statute.

PASSED AND ADOPTED by the Board of Education this 5th day of March, 2012 by the following vote:

AYES: _____

NOES: _____

ABSTAIN: _____

ABSENT: _____

Gayle Cloud, President
Board of Education

Kathy Allavie, Clerk
Board of Education

Board Meeting Agenda
March 5, 2012

Topic: Approval of Nutrition Services Phase Two Facility and Operational Assessment

Presented by: Rodney Taylor, Director, Nutrition Services

Responsible Cabinet Member: Michael H. Fine, Deputy Superintendent, Business Services and Governmental Relations

Type of Item: Action

Short Description: Approval of professional services agreement with Webb Design for phase two facility and operational assessment within Nutritional Services.

DESCRIPTION OF AGENDA ITEM:

The RUSD Nutrition Services program has a number of needs that present hurdles to our ability to transform the nutrition program to the next generation of school food service. On February 6, 2012, and again on February 21, 2012, staff presented a two-part Board Study Session to review with the Board 1) the achievements we have made over the past nine years, and 2) building the capacity for future program transformation.

Over the summer of 2011 staff initiated Phase One of a study to look at modern central kitchen operations and layouts with the goal of finding a solution to the non-working cook-chill operation and to address other inefficiencies in the food production and packaging operations. We contracted with Webb Design, a premier food services design consultant to evaluate the food service operation with focuses on equipment and general infrastructure, and a specific look at the cook-chill possibilities. Webb Design completed the Phase One evaluation and made recommendations which were shared with the Board of Education on February 21.

Staff is ready to proceed to a Phase Two facility and operational assessment which would entail a deeper look at specific engineering and building components, equipment options, utility issues and cost projections. Webb Design submitted a proposal to conduct such assessment. Such proposal was reviewed by the Board Finance Subcommittee on February 28. The Phase Two assessment will be conducted in coordination with other architectural and engineering services to be contracted for separately. Such other services will be reviewed by the Board Operations Subcommittee prior to engagement.

FISCAL IMPACT: Depending on exact level of services used, up to \$200,000 for professional fees and reimbursable expenses; funded by Nutritional Services.

RECOMMENDATION: It is recommended that the Board of Education approve the retention of Webb Design to conduct a facility and operational assessment of the Nutrition Services program, and authorize the Deputy Superintendent of Business Services & Governmental Relations to execute an agreement based on the proposal received.

ADDITIONAL MATERIAL: Webb Design Proposal for Services

Attached: Yes

February 24, 2012

Riverside Unified School District
3070 Washington Street
Riverside, CA 92504

Attn: Rodney Taylor

Dear Rodney,

Thank you for considering Webb Design as your Food Service Design and Culinary Support Consultant for the Central Kitchen improvement and renovation project. I have enclosed information requested to assist with the upcoming Board of Education meeting presentation with descriptions for the next phase of project development. The following explains the anticipated project scope, next phase recommendations, and the foodservice design proposal.

Through a collaborative effort, RUSD and Webb Design have completed a Facility and Operational Assessment which identified the basis for the project scope. Based on the conclusions established in this report we recommended that the programing verification and schematic design phase of work be implemented at this time.

It is expected that this phase of work will include a complete design team represented by an RUSD selected project architect, MEP engineers, structural engineer, and foodservice design services performed by Webb Design. Through a collaborate process the design team will work to evaluate the existing conditions and substantiate the work completed in the Assessment phase. The design team will establish an articulated direction for further development and construction of the project, and providing precise costing breakdowns for RUSD's review.

Throughout this phase Webb Design will continue to provide facility design and project development leadership to ensure that the project vision is maintained. Due to the infrastructure complexities of the existing equipment, it is highly recommended that a qualified Architectural team be selected with previous experience in these types of projects. In addition to Webb Design's facilities design services we will provide Culinary Support for menu, staffing, and operational consulting performed by specialized chefs and experienced food processing personnel. These services will be performed concurrent with the design phase to ensure that the facility planning process is congruent with the operational goals as outlined in the Assessment, and to develop buy in for a smooth and profitable menu delivery transition by the RUSD staff.

During the Assessment phase it was concluded that a comprehensive staff training program will be required to improve labor efficiencies, and provide training for the newly proposed equipment and operational changes. As part of this training program Webb Design's highly experience Executive Chefs will provide onsite; equipment training, recipe testing and standardization process, and verify compliance with HAACPs guidelines. In a subsequent phase we will provide hands on culinary training and team building, assuring the project realizes its full short and long term potential

As a point of reference, the following costing allowances were established during the Assessment phase based on the assumption that the existing cook-chill system may be refurbished. (There are many factors that will affect the figures listed below, please see complete report for exclusions and additional details):

- Equipment Allowance: \$1,300,000
- General Construction Allowance: \$1,200,000
- Design Fee Allowance: \$500,000 (estimated as a percentage of the total construction budget. Includes foodservice design, architectural, and engineering services)
- On Site Training Program Allowance: \$65,000

All costs and allowances will be verified and updated during the schematic design phase, based on further comprehensive investigation of the existing infrastructure conditions. Construction phasing will be required to ensure minimal impact to the current operation; this may also affect overall construction costs.

Webb Design's long-term professional tenure and in-depth background designing, managing and building award winning projects, brings great strength to the final result, which we only expect to be exceptional. Our portfolio includes a wide range of food service operations including many educational and commissary facilities, and is particularly enhanced by our selected project team. We pride ourselves on designing sustainable projects both operationally and aesthetically and have worked with numerous design teams on similar past projects. With RUSD's guidance, Webb Design's unique services, and a qualified architect and engineers we will establish an unmatched team of professionals capable of successfully achieving the goals and objectives identified in the Assessment.

We look forward to the opportunity of becoming a member of your design team for this project.

Sincerely,

Gina M. Brinegar, CFSP
Vice President of Operations & Finance

DRAFT

FOOD SERVICE DESIGN AGREEMENT

This agreement between **Webb Design** and

Riverside Unified School District
3070 Washington Street
Riverside, CA 92504

Webb Design agrees to furnish Design Services for:

Riverside Unified School District
Central Kitchen – Reconfiguration

PROJECT DESCRIPTION:

Riverside Unified School District (RUSD) Nutritional Services under the leadership of Rodney Taylor in collaboration with Webb Design have completed a comprehensive Facility and Operational Assessment for the Central Kitchen facility. Based on the scope established in the Assessment, RUSD has requested a design and culinary support proposal for the next phases of the design. The renovation of the kitchen is expected to expand and support RUSD goal of *“being leaders, providing kids with healthy meals while being efficient in all aspects of the operation.”* Current operational models require reconfiguration of the existing kitchen to efficiently cook food from scratch and deliver in a hot bulk and cook-chill format. The renovation of the facility and operation improvements will include an emphasis on future trends in the culinary delivery process allowing RUSD to continue as an industry leader.

Currently, the central kitchen occupies approximately 32,000 square feet of space, including 146,000 cubic feet of refrigerated storage and 2,700 square feet of dry storage space. The central kitchen is presently designed in a “Cook Chill” format; however this system of meal preparation and delivery has not been used since 2003. It is RUSD’s desire to re-introduce certain aspects of a cook-chill program which will require major equipment and infrastructure revisions. In addition to the cook-chill area the following general spaces will be included in the renovations: reconfiguration of the Preparation/Bakery area, expansion of the Packaging operation, addition of a dedicated Vegetable preparation area, expansion of the Cold Room, and the introduction of a Food Bank.

PROJECT SCOPE:

Webb Design will provide design services in collaboration with RUSD Nutritional Services, the selected project architect and other stakeholders for the development of this project. We anticipate building a working relationship, providing dynamic and collaborative designs to create a food service plan that embodies the goals and vision of RUSD Nutritional Services programs. We will emphasize proficient use of space relating to labor, work efficiency, and use of equipment, paying particular attention to the following goals as established during the Assessment phase:

- Merchandising: Food should look fresh and not processed.
- Staffing: Determine proper staffing efficiencies.
- Maintenance: Develop proper equipment and facility maintenance programs.

- Training: Create staff training programs to execute new menu items.
- Equipment: Determine equipment needs in relationship to the proposed menu.
- Scheduling: Implement proper food assembly, storage, and delivery schedules.

In addition to Webb Design's facilities planning services we will provide culinary support services consisting of menu, staffing, and operational consulting performed by our highly experienced Executive Chefs. These services will be performed concurrent with the design phase to ensure that the facility planning process is congruent with the operational goals as outlined in the Assessment.

During the Assessment phase it was concluded that a comprehensive staff training program will be required to improve labor efficiencies, and provide training for the newly proposed equipment and operational changes. The training services will be performed during the construction phase of the project and completed on site during a four week period

As part of this program Webb Design's Executive Chefs training personnel will provide: equipment training, inspection and start-up, lead and train the production team in the recipe testing and standardization process, and train the production team on exactly how to prepare, handle and hold all the various food items in a safe manner in compliance with all HAACPs guidelines.

PROGRAMMING VERIFICATION and SCHEMATIC DESIGN PHASE:

Attend programming meetings with key stakeholders to identify strategic planning issues affecting the project, verify the existing program and participate in a design working session.

Review findings and recommendations established in the Facility and Operational Assessment with project architect and design team.

Identify and understand the existing equipment and facility infrastructure requirements in regards to the proposed renovation under the direction of the project architect.

Photograph and inventory existing equipment to be used in the project.

Participate in project vision meetings regarding design and operational concerns.

Identify key elements of facility design to support client's requirements.

Collaborate with project architect to establish design vocabulary.

Assist with programming reports to be submitted and approved by client.

Attend construction and design meetings necessary to establish the scope of the project, and communicate our requirements for implementation of planning services to all parties involved.

Review architectural drawings and/or conditions and provide recommendations for conceptual designs.

Attend meetings with key kitchen and operational personnel for the purpose of discussing all kitchen area functions and menu processing techniques. Specific discussions will be held regarding cooking and meal delivery preferences, equipment styles, and distribution of food production and labor. Internal department relationships of various kitchen, serving, bakery and packaging tasks will be discussed in depth.

Prepare shell space layouts showing flow with specific areas of food service and adjacent spaces.

Study existing refrigeration and steam plant condition and future requirements, in collaboration with RUSD facilities department and project architectural consultants.

Prepare phasing layouts showing staging of equipment revisions to minimize impact of the current operation. Discussions will be held to determine if temporary off site production or preparation functions are feasible.

Prepare a preliminary itemized budget and outline specifications by area for review by the architect and RUSD.

Provide preliminary assessment of equipment loads to MEP consultants.

DESIGN DEVELOPMENT PHASE:

Upon completion and approval of the schematic design phase we will provide the following:

Prepare an equipment floor plan and review with all design and construction personnel concerned, as well as the operators of the food service areas.

A preliminary equipment schedule showing general electrical and mechanical requirements for Food Service Equipment will be provided.

A preliminary rough-in plumbing plan showing general service locations required for food service equipment will be provided.

A preliminary rough-in electrical plan showing general service locations required for food service equipment will be provided.

Preliminary information showing requirements for cooking exhaust hoods will be provided. A preliminary general energy study will be provided for the purpose of establishing energy use, HVAC capacities and equipment specifications.

Preliminary information for remote refrigeration rack and engineering will be provided. Preliminary energy loads will provide information regarding HVAC consumption and kilowatt usage as applicable.

A preliminary itemized budget, specifications and equipment list for fixtures, furnishings and equipment will be presented for approval.

CONSTRUCTION DOCUMENTS:

Upon completion and approval of the Design Development phase we will provide the following:

Food service layout locating all kitchen equipment in detail at 1/4" scale.

Equipment schedule showing all electrical and mechanical requirements for Food Service Equipment.

Plumbing rough-in plan fully dimensioned from horizontal and vertical planes, showing all locations required for placement of plumbing service, serving specific pieces of equipment.

Electrical rough-in plan fully dimensioned from horizontal and vertical planes, showing all locations required for placement of electrical service, serving specific pieces of equipment.

Exhaust and ventilation plans showing requirements for systems, with exhaust and make-up air schedule, infrared smoke attenuation, fan speed control devices and fire systems. Energy reduction analysis will provide information regarding HVAC consumption.

Floor plan showing dimensioned wall, partition, door and window locations.

Refrigeration plan showing schematic level dimensioned conduit runs, size and configuration of refrigeration systems and installation requirements for new equipment.

Elevations and sections of all custom fixtures, giving details of construction for all items concerned and support the approved design direction.

Coordination of fixture finishes relating to food service fixtures will be provided in collaboration with design architect.

Webb Design will provide assistance with health department and DSA approval, by revising plans as required by official plan check documents.

Written Specifications will be provided detailing pertinent information on Food Service Equipment, for the purpose of accurate Bidding and Construction Management.

BID PHASE:

Webb Design will provide assistance with the analysis of bid documents and costs related to costs and specifications provided by project food service bidders.

Webb Design will prepare bulletins and addenda concerning changes or clarifications on the food service plans to the design architect for distribution to bidders and other project stakeholders.

CONSTRUCTION ADMINISTRATION SERVICES:

Attend construction coordination meetings and conduct site visits as requested by the client representative, architect or contractor and approved by the contracting agent.

Provide meeting/visit notes as related to coordination of the food service equipment and/or interior design as documented by Webb Design.

Review shop drawings for approval prior to construction of custom fabricated fixtures and equipment. Each discipline's documents will be reviewed twice under this agreement. Should additional review be necessary, it will be performed as "additional services".

Review manufacturer's specification sheet submittals for approval prior to ordering by the food service equipment contractor, fixture fabricator or general contractor. The original and one re-submittal will be included under the terms of this agreement. Should additional review be necessary, it will be performed as

“additional services”.

Provide site visit reports to document field conditions, responsibilities and action items.

Inspect during each phase of equipment and fixture installation to assure compliance with design drawings, approved shop drawings and submittals. Visits required to correct items previously noted and not addressed by contractor or kitchen equipment installer will be considered an additional service and charged accordingly.

Notify the architect and client in writing of any deviation from approved design and/or construction documents.

RECORD DOCUMENTS:

Provide record documents as required by contract

CULINARY SUPPORT:

(Includes five on site meetings with certified Executive Chef’s)

Assist with menu development by exploring and vetting options.

Study the selection of new menu items and determine how they will be manufactured and handled.

Provide assistance to the design team in selecting specific equipment as it relates to menu.

Ensure that all menu items meet current nutritional requirements.

Assist with staffing relocation and labor management strategies.

Provide guidance on food merchandising methods and procedures.

Provide culinary planning assistance for the development of the breakfast program and increased catering support services.

Assist with sourcing of local fresh products where available.

Provide guidance in the planning for proper food assembly, storage, and delivery schedules

TRAINING PROGRAM:

(Onsite training for four weeks to process an entire menu cycle)

Provide equipment training for kitchen staff focusing on cook-chill production equipment and packaging systems.

Provide training on semi-automated production methods and assist with staff scheduling.

Provide training on cook-chill concepts and production methodologies.

Inspect equipment during installation and ensure proper operation and star up procedures.

Lead and train the production team in recipe testing and standardization process.

Train the production team on exactly how to prepare, handle and hold all the various food items in a safe manner in compliance with all HAACPs guidelines.

FEE SCHEDULE:

The fees for the above services are as follows:

Food Service Design:

Programming/Schematic Design	\$	48,000
Design Development	\$	62,000
Construction Documents	\$	35,000
Bid	\$	Hourly As Required
Construction Administration	\$	30,000
Record	\$	Hourly As Required
Reimbursement Allowance	\$	As Required

Culinary Support Services:

Culinary Support (Completed during Programming And Schematic Design phase)	\$	25,000
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Training Program:

20 day on-site Chef assisted staff training (Completed during the project construction phase)	\$	65,000
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Webb Design Hourly Compensation Schedule:

Principal	\$	200.00
Division Director	\$	175.00
Senior Project Designer	\$	150.00
Designer/Project Manager	\$	135.00
Associate Project Manager	\$	120.00
AUTOCADD Technical/Secretarial	\$	80.00

REIMBURSEMENT CHARGES

CAD Plotting (Per Sheet) \$20.00	Agency Fees
Mileage 55.5 cents Per Mile	Lodging and Subsistence
FedEx and Courier Cost	Outside Consultants
Blueprint and Copy	Travel from Orange County Airport

PAYMENT:

A retainer in the amount shown for each phase of design work is requested at the beginning of each phase. Each design phase shall be deemed approved upon receipt of the next phase's retainer fee.

Revisions after completion of approved design and/or designer services not specified above will require an additional fee.

Expenses incurred on the project, including but not limited to plan check fees, printing and copying costs, outside consultants, travel and subsistence, mailing and courier costs etc. shall be invoiced at cost plus 15% handling fee. The client agrees to reimburse such expenses upon receipt of invoice.

DESIGN PHASING – Proper and precise architectural planning, phasing and documentation require that the food service consultants complete their scope of work for use by other disciplines in advance of the project schedule. Therefore, it is understood Webb Design will invoice, and expect payment, upon completion of its work, i.e. programming, schematic design, etc., separate from the typical architectural billing sequence.

AGENTS RESPONSIBILITIES: Agent is defined as Riverside Unified School District

- A. Agent and/or agents architect shall provide all information and architectural plans concerning requirements for the project and/or building.
- B. It is understood that the construction documents, plans and designs provided by Webb Design under the terms of this contract are neither architectural, nor structural in nature and pertain only to the requirements of the fixtures and equipment necessary to the operation of the food service facility and to interior finishes. The plans shall not include mechanical, acoustical, electrical or heating, ventilation and air conditioning engineering.
- C. Agent and/or agents architect shall deliver plans to appropriate agencies for their approval and supply any information to Webb Design. Webb Design will assist in plan approval.
- D. Agent and/or agent architect shall be responsible for the structural integrity of roof of floor supporting any food service equipment.
- E. These plans are intended for submittal to and approval by local health department agencies. Revisions required by local health department agencies are included in this agreement. The plans are not intended to provide requirements for local building department and/or DSA approval.
- F. Agent shall provide information and requirements for grease trap to Webb Design. Webb Design will provide waste information (as provided by specified manufactures) to MEP consultants for the purpose of assisting them in sizing grease trap and/or grease interceptor.
- G. Agent and/or agents architect shall be responsible for any local codes not shown on plans or for approved plans examined but interpreted differently by field inspectors.
- H. Agent and/or agents architect shall be responsible to coordinate any and all HVAC temperature control and energy management systems with all refrigerated equipment within the interior of food service spaces. This includes proper analysis of humidity and temperature variations, maintaining adequate air dryness, facilitating proper operation of refrigeration equipment.

- I. Agent understands that Webb Design has no control over local or state regulatory agencies. Agent shall assume responsibility for exhaust and refrigeration inputs on the environment as outlined by the AQMD, OSA or BACT equipment rulings, and for any requirements by the American Disabilities Act (ADA) that arise from plan check or field construction inspection. Agent understands that laws and requirements in these areas are not interpreted in a consistent manner and are subject to individual interpretation by individual inspectors or agencies.

COPYRIGHT:

All documents, designs and specifications are the property of Webb Design and are fully protected under current copyright laws.

LIMITATION OF LIABILITY:

COMPENSATION. NEITHER WEBB DESIGN AND ITS CONSULTANTS, NOR THEIR AGENTS OR EMPLOYEES SHALL BE JOINTLY, SEVERALLY OR INDIVIDUALLY LIABLE TO THE OWNER OR CLIENT IN EXCESS OF THE COMPENSATION TO BE PAID PURSUANT TO THIS AGREEMENT BY REASON OF ANY ACT OR OMISSION, INCLUDING BREACH OF CONTRACT OR NEGLIGENCE NOT AMOUNTING TO A WILLFUL OR INTENTIONAL WRONG.

LAW THAT IS GOVERNED:

This agreement is governed by the law of the principal, place of business of Webb Design 130 S. Prospect, Tustin, California 92780.

AMENDMENT TO AGREEMENT AND OTHER AGREEMENTS:

This agreement can only be amended by a written document signed by both parties and supersedes any oral or written agreements arrived at prior to this agreement.

Webb Design

Gina M. Brinegar, CFSP
Vice President of Operations & Finance

Riverside Unified School District

Accepted by:
Date:

**Board Meeting Agenda
March 5, 2012**

Topic:	2011-12 Second Period Interim Financial Report
Presented by:	Michael H. Fine, Deputy Superintendent, Business Services and Governmental Relations
Responsible Cabinet Member:	Michael H. Fine, Deputy Superintendent, Business Services and Governmental Relations
Type of Item:	Action Item
Short Description:	California Education Code Section 42130 and 42131, which incorporates provisions of AB1200, requires each district in the State of California to file interim reports twice each fiscal year. The second report covers the financial and budgetary status of the district for the period ending January 31, 2012.

DESCRIPTION OF AGENDA ITEM:

California Education Code Sections 42130 and 42131, which incorporate provisions of AB 1200 and its subsequent amendments, require each district in the State of California to file interim reports twice each fiscal year. The first report covers the financial and budgetary status of the District for the period ending October 31st. The second report covers the period ending January 31st. Both interim reports require the approval of the Board of Education, including the adoption of a certification on the District's financial condition. The purpose of the interim reporting is to raise early warning flags for districts that will not be able to meet financial obligations for the current fiscal year, including required reserves.

The Second Period Interim Report includes the following:

1. Second Period Interim Report
2. Actual and Projected Cash Flows
3. Multi-Year Projections
4. Standards and Criteria

The Second Period Interim Report, for the period ending January 31, 2012, is being presented to the Board of Education for approval. The Board must certify in writing whether or not the District is able to meet its financial obligations for the remainder of the fiscal year based on the following:

1. The standards and criteria for fiscal stability established by the State of California.
2. The District's projected cash within the County Treasury and the projected unrestricted fund balances that will be available for meeting its obligations.
3. Any additional financial information known by the Governing Board to exist at the time of certification.

Major revisions to the adopted budget have been reported to and approved by the Board of Education on a periodic basis through resolutions to appropriate funds. These resolutions have included corrections, appropriation of federal and state categorical funds and appropriations from the ending fund balance. The Second Period Interim Report reflects these previously approved appropriations and adjustments, under the heading Board Approved Operating Budget.

The District's First Period Interim Report was prepared and approved by the Board on December 5, 2011. On January 5, 2012, the governor released his initial 2012-13 state budget proposals. The proposal confirms earlier information that the state is facing a \$9.6 billion shortfall for the 18 month period ending June 2013. The Board of Education heard a report on the governor's proposals and their impact on RUSD at their February 6 and February 21 meetings. The impact of the governor's initial state budget proposals for 2012-13 is preliminarily quantified to have an adverse impact on RUSD of \$16 million to \$20 million. This is an estimate, as the actual impact is subject to decision yet-to-be-made by the legislature and potentially yet-to-be-made by the electorate.

Although the District remains on track with its 2011-12 fiscal year projections and plans, the multiyear financial projections for the two subsequent years remain a concern as the fiscal impacts from Sacramento range from manageable to catastrophic. As such staff recommends a certification of a qualified report based on the possibility that the District may not meet its financial obligations for the 2013-14 fiscal year.

The 2011-2012 Second Period Interim Report was reviewed by the Board Finance Subcommittee on February 28.

FISCAL IMPACT: None

RECOMMENDATION: It is recommended that the Board of Education approve the 2011-2012 Second Period Interim Report and adopt a qualified certification pursuant to Education Code 42131.

ADDITIONAL MATERIAL: Interim Report and Presentation

Attached: Yes

NOTICE OF CRITERIA AND STANDARDS REVIEW. This interim report was based upon and reviewed using the state-adopted Criteria and Standards. (Pursuant to Education Code (EC) sections 33129 and 42130)

Signed: _____
District Superintendent or Designee

Date: _____

NOTICE OF INTERIM REVIEW. All action shall be taken on this report during a regular or authorized special meeting of the governing board.

To the County Superintendent of Schools:

This interim report and certification of financial condition are hereby filed by the governing board of the school district. (Pursuant to EC Section 42131)

Meeting Date: March 05, 2012

Signed: _____
President of the Governing Board

CERTIFICATION OF FINANCIAL CONDITION

___ **POSITIVE CERTIFICATION**

As President of the Governing Board of this school district, I certify that based upon current projections this district will meet its financial obligations for the current fiscal year and subsequent two fiscal years.

___ **QUALIFIED CERTIFICATION**

As President of the Governing Board of this school district, I certify that based upon current projections this district may not meet its financial obligations for the current fiscal year or two subsequent fiscal years.

___ **NEGATIVE CERTIFICATION**

As President of the Governing Board of this school district, I certify that based upon current projections this district will be unable to meet its financial obligations for the remainder of the current fiscal year or for the subsequent fiscal year.

Contact person for additional information on the interim report:

Name: Dalia Gadelmawla

Telephone: 951-352-6729 X82401

Title: Fiscal Services Manager

E-mail: dgadelmawla@rusd.k12.ca.us

Criteria and Standards Review Summary

The following summary is automatically completed based on data provided in the Criteria and Standards Review form (Form 01CSI). Criteria and standards that are "Not Met," and supplemental information and additional fiscal indicators that are "Yes," may indicate areas of potential concern, which could affect the interim report certification, and should be carefully reviewed.

CRITERIA AND STANDARDS			Met	Not Met
1	Average Daily Attendance	Funded ADA for any of the current or two subsequent fiscal years has not changed by more than two percent since first interim.	X	

CRITERIA AND STANDARDS (continued)			Met	Not Met
2	Enrollment	Projected enrollment for any of the current or two subsequent fiscal years has not changed by more than two percent since first interim.	X	
3	ADA to Enrollment	Projected second period (P-2) ADA to enrollment ratio for the current and two subsequent fiscal years is consistent with historical ratios.	X	
4	Revenue Limit	Projected revenue limit for any of the current or two subsequent fiscal years has not changed by more than two percent since first interim.		X
5	Salaries and Benefits	Projected ratio of total unrestricted salaries and benefits to total unrestricted general fund expenditures has not changed by more than the standard for the current and two subsequent fiscal years.	X	
6a	Other Revenues	Projected operating revenues (federal, other state, other local) for the current and two subsequent fiscal years have not changed by more than five percent since first interim.	X	
6b	Other Expenditures	Projected operating expenditures (books and supplies, services and other expenditures) for the current and two subsequent fiscal years have not changed by more than five percent since first interim.	X	
7a	Deferred Maintenance	SBX3 4 (Chapter 12, Statutes of 2009), as amended by SB 70 (Chapter 7, Statutes of 2011), eliminates the local match requirement for Deferred Maintenance from 2008-09 through 2014-15. Therefore, this item has been inactivated for that period.		
7b	Ongoing and Major Maintenance Account	If applicable, changes occurring since first interim meet the required contribution to the ongoing and major maintenance account (i.e., restricted maintenance account).	X	
8	Deficit Spending	Unrestricted deficit spending, if any, has not exceeded the standard in any of the current or two subsequent fiscal years.		X
9a	Fund Balance	Projected general fund balance will be positive at the end of the current and two subsequent fiscal years.	X	
9b	Cash Balance	Projected general fund cash balance will be positive at the end of the current fiscal year.	X	
10	Reserves	Available reserves (e.g., reserve for economic uncertainties, unassigned/unappropriated amounts) meet minimum requirements for the current and two subsequent fiscal years.		X

SUPPLEMENTAL INFORMATION			No	Yes
S1	Contingent Liabilities	Have any known or contingent liabilities (e.g., financial or program audits, litigation, state compliance reviews) occurred since first interim that may impact the budget?	X	
S2	Using One-time Revenues to Fund Ongoing Expenditures	Are there ongoing general fund expenditures funded with one-time revenues that have changed since first interim by more than five percent?	X	
S3	Temporary Interfund Borrowings	Are there projected temporary borrowings between funds?		X
S4	Contingent Revenues	Are any projected revenues for any of the current or two subsequent fiscal years contingent on reauthorization by the local government, special legislation, or other definitive act (e.g., parcel tax, forest reserves)?	X	
S5	Contributions	Have contributions from unrestricted to restricted resources, or transfers to or from the general fund to cover operating deficits, changed since first interim by more than \$20,000 and more than 5% for any of the current or two subsequent fiscal years?		X

SUPPLEMENTAL INFORMATION (continued)			No	Yes
S6	Long-term Commitments	Does the district have long-term (multiyear) commitments or debt agreements?		X
		• If yes, have annual payments for the current or two subsequent fiscal years increased over prior year's (2010-11) annual payment?		X
		• If yes, will funding sources used to pay long-term commitments decrease or expire prior to the end of the commitment period, or are they one-time sources?		X
S7a	Postemployment Benefits Other than Pensions	Does the district provide postemployment benefits other than pensions (OPEB)?		X
		• If yes, have there been changes since first interim in OPEB liabilities?	X	
S7b	Other Self-insurance Benefits	Does the district operate any self-insurance programs (e.g., workers' compensation)?		X
		• If yes, have there been changes since first interim in self-insurance liabilities?	X	
S8	Status of Labor Agreements	As of second interim projections, are salary and benefit negotiations still unsettled for:		
		• Certificated? (Section S8A, Line 1b)	X	
		• Classified? (Section S8B, Line 1b)	X	
S8	Labor Agreement Budget Revisions	For negotiations settled since first interim, per Government Code Section 3547.5(c), are budget revisions still needed to meet the costs of the collective bargaining agreement(s) for:		
		• Certificated? (Section S8A, Line 3)	n/a	
		• Classified? (Section S8B, Line 3)	n/a	
S9	Status of Other Funds	Are any funds other than the general fund projected to have a negative fund balance at the end of the current fiscal year?	X	

ADDITIONAL FISCAL INDICATORS			No	Yes
A1	Negative Cash Flow	Do cash flow projections show that the district will end the current fiscal year with a negative cash balance in the general fund?	X	
A2	Independent Position Control	Is personnel position control independent from the payroll system?		X
A3	Declining Enrollment	Is enrollment decreasing in both the prior and current fiscal years?		X
A4	New Charter Schools Impacting District Enrollment	Are any new charter schools operating in district boundaries that are impacting the district's enrollment, either in the prior or current fiscal year?	X	
A5	Salary Increases Exceed COLA	Has the district entered into a bargaining agreement where any of the current or subsequent fiscal years of the agreement would result in salary increases that are expected to exceed the projected state funded cost-of-living adjustment?	X	
A6	Uncapped Health Benefits	Does the district provide uncapped (100% employer paid) health benefits for current or retired employees?	X	
A7	Independent Financial System	Is the district's financial system independent from the county office system?	X	
A8	Fiscal Distress Reports	Does the district have any reports that indicate fiscal distress? If yes, provide copies to the COE, pursuant to EC 42127.6(a).	X	
A9	Change of CBO or Superintendent	Have there been personnel changes in the superintendent or chief business official (CBO) positions within the last 12 months?	X	

Description	Resource Codes	Object Codes	Original Budget (A)	Board Approved Operating Budget (B)	Actuals To Date (C)	Projected Year Totals (D)	Difference (Col B & D) (E)	% Diff (E/B) (F)
A. REVENUES								
1) Revenue Limit Sources		8010-8099	193,722,817.00	193,088,342.00	118,326,932.51	202,156,010.00	9,067,668.00	4.7%
2) Federal Revenue		8100-8299	713,540.00	713,540.00	622,787.43	822,916.91	109,376.91	15.3%
3) Other State Revenue		8300-8599	31,923,944.00	32,130,141.12	14,486,036.90	32,687,254.12	557,113.00	1.7%
4) Other Local Revenue		8600-8799	2,145,342.00	2,778,862.76	1,614,221.45	3,011,419.37	232,556.61	8.4%
5) TOTAL, REVENUES			228,505,643.00	228,710,885.88	135,049,978.29	238,677,600.40		
B. EXPENDITURES								
1) Certificated Salaries		1000-1999	122,002,902.00	122,445,007.00	64,229,662.68	122,445,007.00	0.00	0.0%
2) Classified Salaries		2000-2999	27,180,666.00	27,334,386.17	14,894,377.05	27,334,386.17	0.00	0.0%
3) Employee Benefits		3000-3999	43,731,524.00	44,570,313.25	24,445,013.46	44,569,974.25	339.00	0.0%
4) Books and Supplies		4000-4999	7,201,585.00	8,840,518.22	2,655,992.26	9,424,983.83	(584,465.61)	-6.6%
5) Services and Other Operating Expenditures		5000-5999	16,866,369.00	17,533,596.05	4,816,008.28	17,642,972.96	(109,376.91)	-0.6%
6) Capital Outlay		6000-6999	34,900.00	119,495.00	485,353.66	119,495.00	0.00	0.0%
7) Other Outgo (excluding Transfers of Indirect Costs)		7100-7299 7400-7499	70,000.00	70,000.00	0.00	70,000.00	0.00	0.0%
8) Other Outgo - Transfers of Indirect Costs		7300-7399	(4,062,309.00)	(4,292,885.22)	(159,064.01)	(4,292,885.22)	0.00	0.0%
9) TOTAL, EXPENDITURES			213,025,637.00	216,620,430.47	111,367,343.38	217,313,933.99		
C. EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES BEFORE OTHER FINANCING SOURCES AND USES (A5 - B9)			15,480,006.00	12,090,455.41	23,682,634.91	21,363,666.41		
D. OTHER FINANCING SOURCES/USES								
1) Interfund Transfers								
a) Transfers In		8900-8929	728,124.00	826,536.00	0.00	826,536.00	0.00	0.0%
b) Transfers Out		7600-7629	2,824,368.00	2,824,368.00	1,700,000.00	2,824,368.00	0.00	0.0%
2) Other Sources/Uses								
a) Sources		8930-8979	0.00	0.00	0.00	0.00	0.00	0.0%
b) Uses		7630-7699	0.00	0.00	0.00	0.00	0.00	0.0%
3) Contributions		8980-8999	(32,994,846.00)	(32,365,486.32)	(7,866.32)	(33,016,179.32)	(650,693.00)	2.0%
4) TOTAL, OTHER FINANCING SOURCES/USES			(35,091,090.00)	(34,363,318.32)	(1,707,866.32)	(35,014,011.32)		

Description	Resource Codes	Object Codes	Original Budget (A)	Board Approved Operating Budget (B)	Actuals To Date (C)	Projected Year Totals (D)	Difference (Col B & D) (E)	% Diff (E/B) (F)
E. NET INCREASE (DECREASE) IN FUND BALANCE (C + D4)			(19,611,084.00)	(22,272,862.91)	21,974,768.59	(13,650,344.91)		
F. FUND BALANCE, RESERVES								
1) Beginning Fund Balance								
a) As of July 1 - Unaudited		9791	77,453,994.00	80,785,360.03		80,785,360.03	0.00	0.0%
b) Audit Adjustments		9793	0.00	0.00		0.00	0.00	0.0%
c) As of July 1 - Audited (F1a + F1b)			77,453,994.00	80,785,360.03		80,785,360.03		
d) Other Restatements		9795	0.00	0.00		0.00	0.00	0.0%
e) Adjusted Beginning Balance (F1c + F1d)			77,453,994.00	80,785,360.03		80,785,360.03		
2) Ending Balance, June 30 (E + F1e)			57,842,910.00	58,512,497.12		67,135,015.12		
Components of Ending Fund Balance								
a) Nonspendable								
Revolving Cash		9711	150,000.00	150,000.00		150,000.00		
Stores		9712	500,000.00	500,000.00		500,000.00		
Prepaid Expenditures		9713	0.00	0.00		0.00		
All Others		9719	0.00	0.00		0.00		
b) Restricted			0.00	0.00		0.00		
c) Committed								
Stabilization Arrangements		9750	0.00	0.00		0.00		
Other Commitments		9760	0.00	0.00		0.00		
d) Assigned								
Other Assignments		9780	30,175,288.00	26,991,893.72		27,028,670.71		
e) Unassigned/Unappropriated								
Reserve for Economic Uncertainties		9789	6,339,319.00	6,827,526.00		6,865,549.00		
Unassigned/Unappropriated Amount			20,678,303.00	24,043,077.40		32,590,795.41		

Description	Resource Codes	Object Codes	Original Budget (A)	Board Approved Operating Budget (B)	Actuals To Date (C)	Projected Year Totals (D)	Difference (Col B & D) (E)	% Diff (E/B) (F)
REVENUE LIMIT SOURCES								
Principal Apportionment								
State Aid - Current Year		8011	149,250,816.00	150,685,742.00	83,165,333.00	152,845,050.00	2,159,308.00	1.4%
Charter Schools General Purpose Entitlement - State Aid		8015	0.00	0.00	0.00	0.00	0.00	0.0%
State Aid - Prior Years		8019	0.00	0.00	0.00	0.00	0.00	0.0%
Tax Relief Subventions								
Homeowners' Exemptions		8021	796,535.00	927,729.00	465,805.76	931,612.00	3,883.00	0.4%
Timber Yield Tax		8022	0.00	0.00	0.00	0.00	0.00	0.0%
Other Subventions/In-Lieu Taxes		8029	0.00	1,148.37	4,129.00	4,129.37	2,981.00	259.6%
County & District Taxes								
Secured Roll Taxes		8041	51,381,467.00	49,606,131.00	28,951,894.33	49,226,797.00	(379,334.00)	-0.8%
Unsecured Roll Taxes		8042	2,727,366.00	2,682,866.63	2,794,191.56	2,800,213.63	117,347.00	4.4%
Prior Years' Taxes		8043	7,390,081.00	7,536,109.00	5,508,411.74	5,512,395.00	(2,023,714.00)	-26.9%
Supplemental Taxes		8044	0.00	174,199.00	219,141.50	233,134.00	58,935.00	33.8%
Education Revenue Augmentation Fund (ERAF)		8045	(9,952,970.00)	(9,901,908.00)	(3,675,037.46)	(13,144,964.00)	(3,243,056.00)	32.8%
Community Redevelopment Funds (SB 617/699/1992)		8047	446,660.00	637,670.00	531,680.70	12,334,391.00	11,696,721.00	1834.3%
Penalties and Interest from Delinquent Taxes		8048	0.00	0.00	0.00	0.00	0.00	0.0%
Miscellaneous Funds (EC 41604)								
Royalties and Bonuses		8081	0.00	0.00	0.00	0.00	0.00	0.0%
Other In-Lieu Taxes		8082	0.00	0.00	0.00	0.00	0.00	0.0%
Less: Non-Revenue Limit (50%) Adjustment		8089	0.00	0.00	0.00	0.00	0.00	0.0%
Subtotal, Revenue Limit Sources			202,039,955.00	202,349,687.00	117,965,550.13	210,742,758.00	8,393,071.00	4.1%
Revenue Limit Transfers								
Unrestricted Revenue Limit Transfers - Current Year	0000	8091	(8,953,173.00)	(9,625,454.00)	0.00	(8,977,485.00)	647,969.00	-6.7%
Continuation Education ADA Transfer	2200	8091						
Community Day Schools Transfer	2430	8091						
Special Education ADA Transfer	6500	8091						
All Other Revenue Limit Transfers - Current Year	All Other	8091	0.00	0.00	0.00	0.00	0.00	0.0%
PERS Reduction Transfer		8092	882,028.00	555,842.00	457,571.38	555,503.00	(339.00)	-0.1%
Transfers to Charter Schools in Lieu of Property Taxes		8096	(245,993.00)	(191,733.00)	(96,189.00)	(164,766.00)	26,967.00	-14.1%
Property Taxes Transfers		8097	0.00	0.00	0.00	0.00	0.00	0.0%
Revenue Limit Transfers - Prior Years		8099	0.00	0.00	0.00	0.00	0.00	0.0%
TOTAL, REVENUE LIMIT SOURCES			193,722,817.00	193,088,342.00	118,326,932.51	202,156,010.00	9,067,668.00	4.7%
FEDERAL REVENUE								
Maintenance and Operations		8110	0.00	0.00	0.00	0.00	0.00	0.0%
Special Education Entitlement		8181	0.00	0.00	0.00	0.00		
Special Education Discretionary Grants		8182	0.00	0.00	0.00	0.00		
Child Nutrition Programs		8220	0.00	0.00	0.00	0.00		
Forest Reserve Funds		8260	0.00	0.00	0.00	0.00	0.00	0.0%
Flood Control Funds		8270	0.00	0.00	0.00	0.00	0.00	0.0%
Wildlife Reserve Funds		8280	0.00	0.00	0.00	0.00	0.00	0.0%
FEMA		8281	0.00	0.00	0.00	0.00	0.00	0.0%
Interagency Contracts Between LEAs		8285	0.00	0.00	0.00	0.00	0.00	0.0%
Pass-Through Revenues from Federal Sources		8287	0.00	0.00	0.00	0.00		
NCLB/IASA (incl. ARRA)	3000-3299, 4000-4139, 4201-4215, 4610, 5510	8290						

Description	Resource Codes	Object Codes	Original Budget (A)	Board Approved Operating Budget (B)	Actuals To Date (C)	Projected Year Totals (D)	Difference (Col B & D) (E)	% Diff (E/B) (F)
Vocational and Applied Technology Education	3500-3699	8290						
Safe and Drug Free Schools	3700-3799	8290						
Other Federal Revenue (incl. ARRA)	All Other	8290	713,540.00	713,540.00	622,787.43	822,916.91	109,376.91	15.3%
TOTAL, FEDERAL REVENUE			713,540.00	713,540.00	622,787.43	822,916.91	109,376.91	15.3%
OTHER STATE REVENUE								
Other State Apportionments								
Community Day School Additional Funding								
Current Year	2430	8311						
Prior Years	2430	8319						
ROC/P Entitlement								
Current Year	6355-6360	8311						
Prior Years	6355-6360	8319						
Special Education Master Plan								
Current Year	6500	8311						
Prior Years	6500	8319						
Home-to-School Transportation	7230	8311						
Economic Impact Aid	7090-7091	8311						
Spec. Ed. Transportation	7240	8311						
All Other State Apportionments - Current Year	All Other	8311	0.00	0.00	0.00	0.00	0.00	0.0%
All Other State Apportionments - Prior Years	All Other	8319	0.00	0.00	0.00	0.00	0.00	0.0%
Year Round School Incentive		8425	0.00	0.00	0.00	0.00	0.00	0.0%
Class Size Reduction, K-3		8434	6,531,386.00	6,531,386.00	1,638,362.00	6,736,590.00	205,204.00	3.1%
Child Nutrition Programs		8520	0.00	0.00	0.00	0.00		
Mandated Costs Reimbursements		8550	0.00	182,423.00	182,438.00	182,423.00	0.00	0.0%
Lottery - Unrestricted and Instructional Materials		8560	4,912,339.00	4,912,339.00	1,525,704.31	5,264,248.00	351,909.00	7.2%
Tax Relief Subventions								
Restricted Levies - Other								
Homeowners' Exemptions		8575	0.00	0.00	0.00	0.00		
Other Subventions/In-Lieu Taxes		8576	0.00	0.00	0.00	0.00		
Pass-Through Revenues from State Sources		8587	0.00	0.00	0.00	0.00	0.00	0.0%
School Based Coordination Program	7250	8590						
Drug/Alcohol/Tobacco Funds	6650-6690	8590						
Healthy Start	6240	8590						
Class Size Reduction Facilities	6200	8590						
School Community Violence Prevention Grant	7391	8590						
Quality Education Investment Act	7400	8590						
All Other State Revenue	All Other	8590	20,480,219.00	20,503,993.12	11,139,532.59	20,503,993.12	0.00	0.0%
TOTAL, OTHER STATE REVENUE			31,923,944.00	32,130,141.12	14,486,036.90	32,687,254.12	557,113.00	1.7%
OTHER LOCAL REVENUE								
Other Local Revenue								
County and District Taxes								
Other Restricted Levies								
Secured Roll		8615	0.00	0.00	0.00	0.00		
Unsecured Roll		8616	0.00	0.00	0.00	0.00		
Prior Years' Taxes		8617	0.00	0.00	0.00	0.00		
Supplemental Taxes		8618	0.00	0.00	0.00	0.00		
Non-Ad Valorem Taxes								
Parcel Taxes		8621	0.00	0.00	0.00	0.00	0.00	0.0%
Other		8622	0.00	0.00	0.00	0.00	0.00	0.0%
Community Redevelopment Funds								
Not Subject to RL Deduction		8625	0.00	0.00	0.00	0.00		

Description	Resource Codes	Object Codes	Original Budget (A)	Board Approved Operating Budget (B)	Actuals To Date (C)	Projected Year Totals (D)	Difference (Col B & D) (E)	% Diff (E/B) (F)
Penalties and Interest from Delinquent Non-Revenue Limit Taxes		8629	0.00	0.00	0.00	0.00		
Sales								
Sale of Equipment/Supplies		8631	0.00	0.00	5,226.05	0.00	0.00	0.0%
Sale of Publications		8632	85,000.00	85,000.00	4,252.68	85,000.00	0.00	0.0%
Food Service Sales		8634	0.00	0.00	0.00	0.00	0.00	0.0%
All Other Sales		8639	0.00	0.00	0.00	0.00	0.00	0.0%
Leases and Rentals		8650	474,046.00	474,046.00	271,355.69	474,046.00	0.00	0.0%
Interest		8660	200,000.00	200,000.00	111,683.47	200,000.00	0.00	0.0%
Net Increase (Decrease) in the Fair Value of Investments		8662	0.00	0.00	0.00	0.00	0.00	0.0%
Fees and Contracts								
Adult Education Fees		8671	0.00	0.00	0.00	0.00	0.00	0.0%
Non-Resident Students		8672	0.00	0.00	0.00	0.00	0.00	0.0%
Transportation Fees From Individuals		8675	0.00	0.00	0.00	0.00		
Transportation Services	7230, 7240	8677						
Interagency Services	All Other	8677	0.00	0.00	0.00	0.00	0.00	0.0%
Mitigation/Developer Fees		8681	0.00	0.00	0.00	0.00	0.00	0.0%
All Other Fees and Contracts		8689	0.00	0.00	0.00	0.00	0.00	0.0%
Other Local Revenue								
Plus: Misc Funds Non-Revenue Limit (50%) Adjustment		8691	0.00	0.00	0.00	0.00	0.00	0.0%
Pass-Through Revenues From Local Sources		8697	0.00	0.00	0.00	0.00		
All Other Local Revenue		8699	1,386,296.00	2,019,816.76	1,221,703.56	2,252,373.37	232,556.61	11.5%
Tuition		8710	0.00	0.00	0.00	0.00	0.00	0.0%
All Other Transfers In		8781-8783	0.00	0.00	0.00	0.00	0.00	0.0%
Transfers Of Apportionments								
Special Education SELPA Transfers								
From Districts or Charter Schools	6500	8791						
From County Offices	6500	8792						
From JPAs	6500	8793						
ROC/P Transfers								
From Districts or Charter Schools	6360	8791						
From County Offices	6360	8792						
From JPAs	6360	8793						
Other Transfers of Apportionments								
From Districts or Charter Schools	All Other	8791	0.00	0.00	0.00	0.00	0.00	0.0%
From County Offices	All Other	8792	0.00	0.00	0.00	0.00	0.00	0.0%
From JPAs	All Other	8793	0.00	0.00	0.00	0.00	0.00	0.0%
All Other Transfers In from All Others		8799	0.00	0.00	0.00	0.00	0.00	0.0%
TOTAL, OTHER LOCAL REVENUE			2,145,342.00	2,778,862.76	1,614,221.45	3,011,419.37	232,556.61	8.4%
TOTAL, REVENUES			228,505,643.00	228,710,885.88	135,049,978.29	238,677,600.40	9,966,714.52	4.4%

Description	Resource Codes	Object Codes	Original Budget (A)	Board Approved Operating Budget (B)	Actuals To Date (C)	Projected Year Totals (D)	Difference (Col B & D) (E)	% Diff (E/B) (F)
CERTIFICATED SALARIES								
Certificated Teachers' Salaries		1100	106,721,393.00	106,975,714.00	55,647,546.95	106,975,714.00	0.00	0.0%
Certificated Pupil Support Salaries		1200	4,993,201.00	4,993,201.00	2,552,380.16	4,993,201.00	0.00	0.0%
Certificated Supervisors' and Administrators' Salaries		1300	9,994,978.00	10,163,469.00	5,841,457.01	10,163,469.00	0.00	0.0%
Other Certificated Salaries		1900	293,330.00	312,623.00	188,278.56	312,623.00	0.00	0.0%
TOTAL, CERTIFICATED SALARIES			122,002,902.00	122,445,007.00	64,229,662.68	122,445,007.00	0.00	0.0%
CLASSIFIED SALARIES								
Classified Instructional Salaries		2100	1,065,801.00	1,091,843.27	510,559.88	1,091,843.27	0.00	0.0%
Classified Support Salaries		2200	11,065,080.00	11,068,389.00	6,319,627.91	11,068,389.00	0.00	0.0%
Classified Supervisors' and Administrators' Salaries		2300	4,170,635.00	4,174,822.94	2,431,958.98	4,174,822.94	0.00	0.0%
Clerical, Technical and Office Salaries		2400	9,789,845.00	9,881,700.96	5,082,549.97	9,881,700.96	0.00	0.0%
Other Classified Salaries		2900	1,089,305.00	1,117,630.00	549,680.31	1,117,630.00	0.00	0.0%
TOTAL, CLASSIFIED SALARIES			27,180,666.00	27,334,386.17	14,894,377.05	27,334,386.17	0.00	0.0%
EMPLOYEE BENEFITS								
STRS		3101-3102	10,056,662.00	10,092,901.05	5,322,915.37	10,092,901.05	0.00	0.0%
PERS		3201-3202	4,510,944.00	4,521,193.56	2,295,220.28	4,521,193.56	0.00	0.0%
OASDI/Medicare/Alternative		3301-3302	3,723,552.00	3,741,340.44	1,943,463.19	3,741,340.44	0.00	0.0%
Health and Welfare Benefits		3401-3402	19,392,288.00	20,501,537.00	11,853,889.39	20,501,537.00	0.00	0.0%
Unemployment Insurance		3501-3502	2,402,260.00	2,387,797.97	1,290,341.85	2,387,797.97	0.00	0.0%
Workers' Compensation		3601-3602	2,238,224.00	2,246,936.61	1,185,657.41	2,246,936.61	0.00	0.0%
OPEB, Allocated		3701-3702	283,500.00	284,661.66	(65,558.64)	284,661.66	0.00	0.0%
OPEB, Active Employees		3751-3752	544,078.00	544,806.00	319,068.28	544,806.00	0.00	0.0%
PERS Reduction		3801-3802	554,106.00	223,228.96	283,738.76	222,889.96	339.00	0.2%
Other Employee Benefits		3901-3902	25,910.00	25,910.00	16,277.57	25,910.00	0.00	0.0%
TOTAL, EMPLOYEE BENEFITS			43,731,524.00	44,570,313.25	24,445,013.46	44,569,974.25	339.00	0.0%
BOOKS AND SUPPLIES								
Approved Textbooks and Core Curricula Materials		4100	809,787.00	777,345.40	312,829.01	777,345.40	0.00	0.0%
Books and Other Reference Materials		4200	57,622.00	72,427.60	13,299.71	72,427.60	0.00	0.0%
Materials and Supplies		4300	4,973,558.00	6,178,068.90	1,661,339.07	6,530,977.90	(352,909.00)	-5.7%
Noncapitalized Equipment		4400	1,360,618.00	1,812,676.32	668,524.47	2,044,232.93	(231,556.61)	-12.8%
Food		4700	0.00	0.00	0.00	0.00	0.00	0.0%
TOTAL, BOOKS AND SUPPLIES			7,201,585.00	8,840,518.22	2,655,992.26	9,424,983.83	(584,465.61)	-6.6%
SERVICES AND OTHER OPERATING EXPENDITURES								
Subagreements for Services		5100	0.00	0.00	0.00	0.00	0.00	0.0%
Travel and Conferences		5200	272,154.00	328,792.82	124,326.84	328,792.82	0.00	0.0%
Dues and Memberships		5300	77,919.00	91,475.12	77,892.80	91,475.12	0.00	0.0%
Insurance		5400-5450	0.00	0.00	0.00	0.00	0.00	0.0%
Operations and Housekeeping Services		5500	6,185,400.00	6,185,400.00	3,082,789.25	6,185,400.00	0.00	0.0%
Rentals, Leases, Repairs, and Noncapitalized Improvements		5600	865,669.00	931,854.00	558,976.27	931,854.00	0.00	0.0%
Transfers of Direct Costs		5710	(763,286.00)	(986,760.02)	(608,377.59)	(986,760.02)	0.00	0.0%
Transfers of Direct Costs - Interfund		5750	(42,581.00)	(44,648.98)	(122,065.39)	(44,648.98)	0.00	0.0%
Professional/Consulting Services and Operating Expenditures		5800	9,079,513.00	9,757,476.05	950,233.37	9,866,852.96	(109,376.91)	-1.1%
Communications		5900	1,191,581.00	1,270,007.06	752,232.73	1,270,007.06	0.00	0.0%
TOTAL, SERVICES AND OTHER OPERATING EXPENDITURES			16,866,369.00	17,533,596.05	4,816,008.28	17,642,972.96	(109,376.91)	-0.6%

Description	Resource Codes	Object Codes	Original Budget (A)	Board Approved Operating Budget (B)	Actuals To Date (C)	Projected Year Totals (D)	Difference (Col B & D) (E)	% Diff (E/B) (F)
CAPITAL OUTLAY								
Land		6100	0.00	0.00	0.00	0.00	0.00	0.0%
Land Improvements		6170	0.00	20,626.00	20,625.11	20,626.00	0.00	0.0%
Buildings and Improvements of Buildings		6200	0.00	0.00	390,874.28	0.00	0.00	0.0%
Books and Media for New School Libraries or Major Expansion of School Libraries		6300	0.00	0.00	0.00	0.00	0.00	0.0%
Equipment		6400	28,900.00	77,869.00	58,854.27	77,869.00	0.00	0.0%
Equipment Replacement		6500	6,000.00	21,000.00	15,000.00	21,000.00	0.00	0.0%
TOTAL, CAPITAL OUTLAY			34,900.00	119,495.00	485,353.66	119,495.00	0.00	0.0%
OTHER OUTGO (excluding Transfers of Indirect Costs)								
Tuition								
Tuition for Instruction Under Interdistrict Attendance Agreements		7110	0.00	0.00	0.00	0.00	0.00	0.0%
State Special Schools		7130	0.00	0.00	0.00	0.00	0.00	0.0%
Tuition, Excess Costs, and/or Deficit Payments Payments to Districts or Charter Schools		7141	0.00	0.00	0.00	0.00	0.00	0.0%
Payments to County Offices		7142	70,000.00	70,000.00	0.00	70,000.00	0.00	0.0%
Payments to JPAs		7143	0.00	0.00	0.00	0.00	0.00	0.0%
Transfers of Pass-Through Revenues To Districts or Charter Schools		7211	0.00	0.00	0.00	0.00	0.00	0.0%
To County Offices		7212	0.00	0.00	0.00	0.00	0.00	0.0%
To JPAs		7213	0.00	0.00	0.00	0.00	0.00	0.0%
Special Education SELPA Transfers of Apportionments								
To Districts or Charter Schools	6500	7221						
To County Offices	6500	7222						
To JPAs	6500	7223						
ROC/P Transfers of Apportionments								
To Districts or Charter Schools	6360	7221						
To County Offices	6360	7222						
To JPAs	6360	7223						
Other Transfers of Apportionments	All Other	7221-7223	0.00	0.00	0.00	0.00	0.00	0.0%
All Other Transfers		7281-7283	0.00	0.00	0.00	0.00	0.00	0.0%
All Other Transfers Out to All Others		7299	0.00	0.00	0.00	0.00	0.00	0.0%
Debt Service								
Debt Service - Interest		7438	0.00	0.00	0.00	0.00	0.00	0.0%
Other Debt Service - Principal		7439	0.00	0.00	0.00	0.00	0.00	0.0%
TOTAL, OTHER OUTGO (excluding Transfers of Indirect Costs)			70,000.00	70,000.00	0.00	70,000.00	0.00	0.0%
OTHER OUTGO - TRANSFERS OF INDIRECT COSTS								
Transfers of Indirect Costs		7310	(3,105,733.00)	(3,337,386.22)	(159,064.01)	(3,337,386.22)	0.00	0.0%
Transfers of Indirect Costs - Interfund		7350	(956,576.00)	(955,499.00)	0.00	(955,499.00)	0.00	0.0%
TOTAL, OTHER OUTGO - TRANSFERS OF INDIRECT COSTS			(4,062,309.00)	(4,292,885.22)	(159,064.01)	(4,292,885.22)	0.00	0.0%
TOTAL, EXPENDITURES			213,025,637.00	216,620,430.47	111,367,343.38	217,313,933.99	(693,503.52)	-0.3%

Description	Resource Codes	Object Codes	Original Budget (A)	Board Approved Operating Budget (B)	Actuals To Date (C)	Projected Year Totals (D)	Difference (Col B & D) (E)	% Diff (E/B) (F)
INTERFUND TRANSFERS								
INTERFUND TRANSFERS IN								
From: Special Reserve Fund		8912	0.00	0.00	0.00	0.00	0.00	0.0%
From: Bond Interest and Redemption Fund		8914	0.00	0.00	0.00	0.00	0.00	0.0%
Other Authorized Interfund Transfers In		8919	728,124.00	826,536.00	0.00	826,536.00	0.00	0.0%
(a) TOTAL, INTERFUND TRANSFERS IN			728,124.00	826,536.00	0.00	826,536.00	0.00	0.0%
INTERFUND TRANSFERS OUT								
To: Child Development Fund		7611	0.00	0.00	0.00	0.00	0.00	0.0%
To: Special Reserve Fund		7612	0.00	0.00	0.00	0.00	0.00	0.0%
To: State School Building Fund/ County School Facilities Fund		7613	0.00	0.00	0.00	0.00	0.00	0.0%
To: Deferred Maintenance Fund		7615	0.00	0.00	0.00	0.00	0.00	0.0%
To: Cafeteria Fund		7616	0.00	0.00	0.00	0.00	0.00	0.0%
Other Authorized Interfund Transfers Out		7619	2,824,368.00	2,824,368.00	1,700,000.00	2,824,368.00	0.00	0.0%
(b) TOTAL, INTERFUND TRANSFERS OUT			2,824,368.00	2,824,368.00	1,700,000.00	2,824,368.00	0.00	0.0%
OTHER SOURCES/USES								
SOURCES								
State Apportionments Emergency Apportionments		8931	0.00	0.00	0.00	0.00	0.00	0.0%
Proceeds Proceeds from Sale/Lease- Purchase of Land/Buildings		8953	0.00	0.00	0.00	0.00	0.00	0.0%
Other Sources Transfers from Funds of Lapsed/Reorganized LEAs		8965	0.00	0.00	0.00	0.00	0.00	0.0%
Long-Term Debt Proceeds Proceeds from Certificates of Participation		8971	0.00	0.00	0.00	0.00	0.00	0.0%
Proceeds from Capital Leases		8972	0.00	0.00	0.00	0.00	0.00	0.0%
Proceeds from Lease Revenue Bonds		8973	0.00	0.00	0.00	0.00	0.00	0.0%
All Other Financing Sources		8979	0.00	0.00	0.00	0.00	0.00	0.0%
(c) TOTAL, SOURCES			0.00	0.00	0.00	0.00	0.00	0.0%
USES								
Transfers of Funds from Lapsed/Reorganized LEAs		7651	0.00	0.00	0.00	0.00	0.00	0.0%
All Other Financing Uses		7699	0.00	0.00	0.00	0.00	0.00	0.0%
(d) TOTAL, USES			0.00	0.00	0.00	0.00	0.00	0.0%
CONTRIBUTIONS								
Contributions from Unrestricted Revenues		8980	(32,994,846.00)	(32,365,486.32)	(7,866.32)	(33,016,179.32)	(650,693.00)	2.0%
Contributions from Restricted Revenues		8990	0.00	0.00	0.00	0.00	0.00	0.0%
Transfers of Restricted Balances		8997	0.00	0.00	0.00	0.00	0.00	0.0%
(e) TOTAL, CONTRIBUTIONS			(32,994,846.00)	(32,365,486.32)	(7,866.32)	(33,016,179.32)	(650,693.00)	2.0%
TOTAL, OTHER FINANCING SOURCES/USES								
(a - b + c - d + e)			(35,091,090.00)	(34,363,318.32)	(1,707,866.32)	(35,014,011.32)	(650,693.00)	1.9%

Description	Resource Codes	Object Codes	Original Budget (A)	Board Approved Operating Budget (B)	Actuals To Date (C)	Projected Year Totals (D)	Difference (Col B & D) (E)	% Diff (E/B) (F)
A. REVENUES								
1) Revenue Limit Sources		8010-8099	8,953,173.00	9,625,454.00	0.00	8,977,485.00	(647,969.00)	-6.7%
2) Federal Revenue		8100-8299	22,916,889.00	35,141,863.27	9,488,076.77	35,308,952.27	167,089.00	0.5%
3) Other State Revenue		8300-8599	33,055,361.00	36,509,025.10	19,941,961.90	36,560,083.10	51,058.00	0.1%
4) Other Local Revenue		8600-8799	1,086,548.00	1,841,116.98	1,188,354.03	1,848,997.98	7,881.00	0.4%
5) TOTAL, REVENUES			66,011,971.00	83,117,459.35	30,618,392.70	82,695,518.35		
B. EXPENDITURES								
1) Certificated Salaries		1000-1999	32,765,263.00	36,596,353.64	18,249,594.76	36,596,353.64	0.00	0.0%
2) Classified Salaries		2000-2999	15,062,885.00	15,883,739.74	8,066,440.24	15,883,739.74	0.00	0.0%
3) Employee Benefits		3000-3999	15,952,732.00	16,777,583.48	8,939,774.92	16,777,583.48	0.00	0.0%
4) Books and Supplies		4000-4999	9,811,880.00	20,820,860.13	3,183,956.53	21,276,678.13	(455,818.00)	-2.2%
5) Services and Other Operating Expenditures		5000-5999	20,881,526.00	25,146,840.67	9,112,946.71	24,919,774.67	227,066.00	0.9%
6) Capital Outlay		6000-6999	3,442,651.00	4,273,417.00	807,808.65	4,273,417.00	0.00	0.0%
7) Other Outgo (excluding Transfers of Indirect Costs)		7100-7299 7400-7499	0.00	0.00	4,274.00	0.00	0.00	0.0%
8) Other Outgo - Transfers of Indirect Costs		7300-7399	3,105,733.00	3,337,386.22	159,064.01	3,337,386.22	0.00	0.0%
9) TOTAL, EXPENDITURES			101,022,670.00	122,836,180.88	48,523,859.82	123,064,932.88		
C. EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES BEFORE OTHER FINANCING SOURCES AND USES (A5 - B9)			(35,010,699.00)	(39,718,721.53)	(17,905,467.12)	(40,369,414.53)		
D. OTHER FINANCING SOURCES/USES								
1) Interfund Transfers								
a) Transfers In		8900-8929	0.00	0.00	0.00	0.00	0.00	0.0%
b) Transfers Out		7600-7629	93,261.00	74,214.00	0.00	74,214.00	0.00	0.0%
2) Other Sources/Uses								
a) Sources		8930-8979	0.00	0.00	0.00	0.00	0.00	0.0%
b) Uses		7630-7699	0.00	0.00	0.00	0.00	0.00	0.0%
3) Contributions		8980-8999	32,994,846.00	32,365,486.32	7,866.32	33,016,179.32	650,693.00	2.0%
4) TOTAL, OTHER FINANCING SOURCES/USES			32,901,585.00	32,291,272.32	7,866.32	32,941,965.32		

Description	Resource Codes	Object Codes	Original Budget (A)	Board Approved Operating Budget (B)	Actuals To Date (C)	Projected Year Totals (D)	Difference (Col B & D) (E)	% Diff (E/B) (F)
E. NET INCREASE (DECREASE) IN FUND BALANCE (C + D4)			(2,109,114.00)	(7,427,449.21)	(17,897,600.80)	(7,427,449.21)		
F. FUND BALANCE, RESERVES								
1) Beginning Fund Balance								
a) As of July 1 - Unaudited		9791	9,632,064.00	9,426,204.99		9,426,204.99	0.00	0.0%
b) Audit Adjustments		9793	0.00	0.00		0.00	0.00	0.0%
c) As of July 1 - Audited (F1a + F1b)			9,632,064.00	9,426,204.99		9,426,204.99		
d) Other Restatements		9795	0.00	0.00		0.00	0.00	0.0%
e) Adjusted Beginning Balance (F1c + F1d)			9,632,064.00	9,426,204.99		9,426,204.99		
2) Ending Balance, June 30 (E + F1e)			7,522,950.00	1,998,755.78		1,998,755.78		
Components of Ending Fund Balance								
a) Nonspendable								
Revolving Cash		9711	0.00	0.00		0.00		
Stores		9712	0.00	0.00		0.00		
Prepaid Expenditures		9713	0.00	0.00		0.00		
All Others		9719	0.00	0.00		0.00		
b) Restricted			7,522,950.00	1,998,755.78		1,998,755.78		
c) Committed								
Stabilization Arrangements		9750	0.00	0.00		0.00		
Other Commitments		9760	0.00	0.00		0.00		
d) Assigned								
Other Assignments		9780	0.00	0.00		0.00		
e) Unassigned/Unappropriated								
Reserve for Economic Uncertainties		9789	0.00	0.00		0.00		
Unassigned/Unappropriated Amount			0.00	0.00		0.00		

Description	Resource Codes	Object Codes	Original Budget (A)	Board Approved Operating Budget (B)	Actuals To Date (C)	Projected Year Totals (D)	Difference (Col B & D) (E)	% Diff (E/B) (F)
REVENUE LIMIT SOURCES								
Principal Apportionment								
State Aid - Current Year		8011	0.00	0.00	0.00	0.00		
Charter Schools General Purpose Entitlement - State Aid		8015	0.00	0.00	0.00	0.00		
State Aid - Prior Years		8019	0.00	0.00	0.00	0.00		
Tax Relief Subventions								
Homeowners' Exemptions		8021	0.00	0.00	0.00	0.00		
Timber Yield Tax		8022	0.00	0.00	0.00	0.00		
Other Subventions/In-Lieu Taxes		8029	0.00	0.00	0.00	0.00		
County & District Taxes								
Secured Roll Taxes		8041	0.00	0.00	0.00	0.00		
Unsecured Roll Taxes		8042	0.00	0.00	0.00	0.00		
Prior Years' Taxes		8043	0.00	0.00	0.00	0.00		
Supplemental Taxes		8044	0.00	0.00	0.00	0.00		
Education Revenue Augmentation Fund (ERAF)		8045	0.00	0.00	0.00	0.00		
Community Redevelopment Funds (SB 617/699/1992)		8047	0.00	0.00	0.00	0.00		
Penalties and Interest from Delinquent Taxes		8048	0.00	0.00	0.00	0.00		
Miscellaneous Funds (EC 41604)								
Royalties and Bonuses		8081	0.00	0.00	0.00	0.00		
Other In-Lieu Taxes		8082	0.00	0.00	0.00	0.00		
Less: Non-Revenue Limit (50%) Adjustment		8089	0.00	0.00	0.00	0.00		
Subtotal, Revenue Limit Sources			0.00	0.00	0.00	0.00		
Revenue Limit Transfers								
Unrestricted Revenue Limit Transfers - Current Year	0000	8091						
Continuation Education ADA Transfer	2200	8091	0.00	0.00	0.00	0.00	0.00	0.0%
Community Day Schools Transfer	2430	8091	0.00	0.00	0.00	0.00	0.00	0.0%
Special Education ADA Transfer	6500	8091	8,953,173.00	9,625,454.00	0.00	8,977,485.00	(647,969.00)	-6.7%
All Other Revenue Limit Transfers - Current Year	All Other	8091	0.00	0.00	0.00	0.00	0.00	0.0%
PERS Reduction Transfer		8092	0.00	0.00	0.00	0.00		
Transfers to Charter Schools in Lieu of Property Taxes		8096	0.00	0.00	0.00	0.00		
Property Taxes Transfers		8097	0.00	0.00	0.00	0.00	0.00	0.0%
Revenue Limit Transfers - Prior Years		8099	0.00	0.00	0.00	0.00	0.00	0.0%
TOTAL, REVENUE LIMIT SOURCES			8,953,173.00	9,625,454.00	0.00	8,977,485.00	(647,969.00)	-6.7%
FEDERAL REVENUE								
Maintenance and Operations		8110	0.00	0.00	0.00	0.00	0.00	0.0%
Special Education Entitlement		8181	7,082,361.00	8,634,811.63	1,524,866.63	8,634,811.63	0.00	0.0%
Special Education Discretionary Grants		8182	626,564.00	1,011,616.60	308,739.60	1,011,616.60	0.00	0.0%
Child Nutrition Programs		8220	0.00	0.00	0.00	0.00	0.00	0.0%
Forest Reserve Funds		8260	0.00	0.00	0.00	0.00		
Flood Control Funds		8270	0.00	0.00	0.00	0.00		
Wildlife Reserve Funds		8280	0.00	0.00	0.00	0.00		
FEMA		8281	0.00	0.00	0.00	0.00	0.00	0.0%
Interagency Contracts Between LEAs		8285	999,253.00	1,173,582.91	529,848.30	1,173,582.91	0.00	0.0%
Pass-Through Revenues from Federal Sources		8287	0.00	0.00	0.00	0.00	0.00	0.0%
NCLB/IASA (incl. ARRA)	3000-3299, 4000-4139, 4201-4215, 4610, 5510	8290	13,402,466.00	22,126,628.31	6,461,299.47	22,185,023.31	58,395.00	0.3%

Description	Resource Codes	Object Codes	Original Budget (A)	Board Approved Operating Budget (B)	Actuals To Date (C)	Projected Year Totals (D)	Difference (Col B & D) (E)	% Diff (E/B) (F)
Vocational and Applied Technology Education	3500-3699	8290	350,226.00	377,912.00	0.00	377,912.00	0.00	0.0%
Safe and Drug Free Schools	3700-3799	8290	0.00	0.00	0.00	0.00	0.00	0.0%
Other Federal Revenue (incl. ARRA)	All Other	8290	456,019.00	1,817,311.82	663,322.77	1,926,005.82	108,694.00	6.0%
TOTAL, FEDERAL REVENUE			22,916,889.00	35,141,863.27	9,488,076.77	35,308,952.27	167,089.00	0.5%
OTHER STATE REVENUE								
Other State Apportionments								
Community Day School Additional Funding								
Current Year	2430	8311	0.00	0.00	0.00	0.00	0.00	0.0%
Prior Years	2430	8319	0.00	0.00	0.00	0.00	0.00	0.0%
ROC/P Entitlement								
Current Year	6355-6360	8311	0.00	0.00	0.00	0.00	0.00	0.0%
Prior Years	6355-6360	8319	0.00	0.00	0.00	0.00	0.00	0.0%
Special Education Master Plan								
Current Year	6500	8311	21,765,550.00	21,765,550.00	12,075,446.00	21,432,558.00	(332,992.00)	-1.5%
Prior Years	6500	8319	0.00	0.00	0.00	0.00	0.00	0.0%
Home-to-School Transportation	7230	8311	533,594.00	531,959.00	248,623.00	531,959.00	0.00	0.0%
Economic Impact Aid	7090-7091	8311	4,297,637.00	5,250,824.00	3,150,494.00	5,250,824.00	0.00	0.0%
Spec. Ed. Transportation	7240	8311	1,364,632.00	1,360,452.00	635,843.00	1,360,452.00	0.00	0.0%
All Other State Apportionments - Current Year	All Other	8311	0.00	0.00	0.00	0.00	0.00	0.0%
All Other State Apportionments - Prior Years	All Other	8319	0.00	0.00	0.00	0.00	0.00	0.0%
Year Round School Incentive		8425	0.00	0.00	0.00	0.00	0.00	0.0%
Class Size Reduction, K-3		8434	0.00	0.00	0.00	0.00		
Child Nutrition Programs		8520	0.00	0.00	0.00	0.00	0.00	0.0%
Mandated Costs Reimbursements		8550	0.00	0.00	0.00	0.00	0.00	0.0%
Lottery - Unrestricted and Instructional Materi		8560	774,468.00	774,468.00	118,853.49	1,134,391.00	359,923.00	46.5%
Tax Relief Subventions								
Restricted Levies - Other								
Homeowners' Exemptions		8575	0.00	0.00	0.00	0.00	0.00	0.0%
Other Subventions/In-Lieu Taxes		8576	0.00	0.00	0.00	0.00	0.00	0.0%
Pass-Through Revenues from State Sources		8587	0.00	0.00	0.00	0.00	0.00	0.0%
School Based Coordination Program	7250	8590	0.00	0.00	0.00	0.00	0.00	0.0%
Drug/Alcohol/Tobacco Funds	6650-6690	8590	0.00	4,500.00	2,250.00	4,500.00	0.00	0.0%
Healthy Start	6240	8590	0.00	0.00	0.00	0.00	0.00	0.0%
Class Size Reduction Facilities	6200	8590	0.00	0.00	0.00	0.00	0.00	0.0%
School Community Violence Prevention Grant	7391	8590	0.00	0.00	0.00	0.00	0.00	0.0%
Quality Education Investment Act	7400	8590	0.00	0.00	0.00	0.00	0.00	0.0%
All Other State Revenue	All Other	8590	4,319,480.00	6,821,272.10	3,710,452.41	6,845,399.10	24,127.00	0.4%
TOTAL, OTHER STATE REVENUE			33,055,361.00	36,509,025.10	19,941,961.90	36,560,083.10	51,058.00	0.1%
OTHER LOCAL REVENUE								
Other Local Revenue								
County and District Taxes								
Other Restricted Levies								
Secured Roll		8615	0.00	0.00	0.00	0.00	0.00	0.0%
Unsecured Roll		8616	0.00	0.00	0.00	0.00	0.00	0.0%
Prior Years' Taxes		8617	0.00	0.00	0.00	0.00	0.00	0.0%
Supplemental Taxes		8618	0.00	0.00	0.00	0.00	0.00	0.0%
Non-Ad Valorem Taxes								
Parcel Taxes		8621	0.00	0.00	0.00	0.00	0.00	0.0%
Other		8622	0.00	0.00	0.00	0.00	0.00	0.0%
Community Redevelopment Funds								
Not Subject to RL Deduction		8625	1,031,548.00	1,031,548.00	729,583.00	1,031,548.00	0.00	0.0%

Description	Resource Codes	Object Codes	Original Budget (A)	Board Approved Operating Budget (B)	Actuals To Date (C)	Projected Year Totals (D)	Difference (Col B & D) (E)	% Diff (E/B) (F)
Penalties and Interest from Delinquent Non-Revenue Limit Taxes		8629	0.00	0.00	0.00	0.00	0.00	0.0%
Sales								
Sale of Equipment/Supplies		8631	0.00	0.00	0.00	0.00	0.00	0.0%
Sale of Publications		8632	0.00	0.00	0.00	0.00	0.00	0.0%
Food Service Sales		8634	0.00	0.00	0.00	0.00	0.00	0.0%
All Other Sales		8639	0.00	0.00	0.00	0.00	0.00	0.0%
Leases and Rentals		8650	0.00	0.00	0.00	0.00	0.00	0.0%
Interest		8660	0.00	0.00	0.00	0.00	0.00	0.0%
Net Increase (Decrease) in the Fair Value of Investments		8662	0.00	0.00	0.00	0.00	0.00	0.0%
Fees and Contracts								
Adult Education Fees		8671	0.00	0.00	0.00	0.00		
Non-Resident Students		8672	0.00	0.00	0.00	0.00		
Transportation Fees From Individuals		8675	15,000.00	15,000.00	21,379.00	21,111.00	6,111.00	40.7%
Transportation Services	7230, 7240	8677	0.00	0.00	0.00	0.00	0.00	0.0%
Interagency Services	All Other	8677	0.00	0.00	0.00	0.00	0.00	0.0%
Mitigation/Developer Fees		8681	0.00	0.00	0.00	0.00	0.00	0.0%
All Other Fees and Contracts		8689	0.00	0.00	0.00	0.00	0.00	0.0%
Other Local Revenue								
Plus: Misc Funds Non-Revenue Limit (50%)		8691	0.00	0.00	0.00	0.00		
Pass-Through Revenues From Local Sources		8697	0.00	0.00	0.00	0.00	0.00	0.0%
All Other Local Revenue		8699	40,000.00	794,568.98	437,392.03	796,338.98	1,770.00	0.2%
Tuition		8710	0.00	0.00	0.00	0.00	0.00	0.0%
All Other Transfers In		8781-8783	0.00	0.00	0.00	0.00	0.00	0.0%
Transfers Of Apportionments								
Special Education SELPA Transfers								
From Districts or Charter Schools	6500	8791	0.00	0.00	0.00	0.00	0.00	0.0%
From County Offices	6500	8792	0.00	0.00	0.00	0.00	0.00	0.0%
From JPAs	6500	8793	0.00	0.00	0.00	0.00	0.00	0.0%
ROC/P Transfers								
From Districts or Charter Schools	6360	8791	0.00	0.00	0.00	0.00	0.00	0.0%
From County Offices	6360	8792	0.00	0.00	0.00	0.00	0.00	0.0%
From JPAs	6360	8793	0.00	0.00	0.00	0.00	0.00	0.0%
Other Transfers of Apportionments								
From Districts or Charter Schools	All Other	8791	0.00	0.00	0.00	0.00	0.00	0.0%
From County Offices	All Other	8792	0.00	0.00	0.00	0.00	0.00	0.0%
From JPAs	All Other	8793	0.00	0.00	0.00	0.00	0.00	0.0%
All Other Transfers In from All Others		8799	0.00	0.00	0.00	0.00	0.00	0.0%
TOTAL, OTHER LOCAL REVENUE			1,086,548.00	1,841,116.98	1,188,354.03	1,848,997.98	7,881.00	0.4%
TOTAL, REVENUES			66,011,971.00	83,117,459.35	30,618,392.70	82,695,518.35	(421,941.00)	-0.5%

Description	Resource Codes	Object Codes	Original Budget (A)	Board Approved Operating Budget (B)	Actuals To Date (C)	Projected Year Totals (D)	Difference (Col B & D) (E)	% Diff (E/B) (F)
CERTIFICATED SALARIES								
Certificated Teachers' Salaries		1100	24,766,130.00	28,306,017.85	13,791,875.26	28,306,017.85	0.00	0.0%
Certificated Pupil Support Salaries		1200	2,151,372.00	2,217,254.00	1,134,054.42	2,217,254.00	0.00	0.0%
Certificated Supervisors' and Administrators' Salaries		1300	2,637,995.00	2,685,548.30	1,502,492.78	2,685,548.30	0.00	0.0%
Other Certificated Salaries		1900	3,209,766.00	3,387,533.49	1,821,172.30	3,387,533.49	0.00	0.0%
TOTAL, CERTIFICATED SALARIES			32,765,263.00	36,596,353.64	18,249,594.76	36,596,353.64	0.00	0.0%
CLASSIFIED SALARIES								
Classified Instructional Salaries		2100	8,281,105.00	8,858,034.79	4,170,457.22	8,858,034.79	0.00	0.0%
Classified Support Salaries		2200	2,990,918.00	3,035,913.92	1,775,645.59	3,035,913.92	0.00	0.0%
Classified Supervisors' and Administrators' Salaries		2300	1,188,332.00	1,199,058.00	669,647.93	1,199,058.00	0.00	0.0%
Clerical, Technical and Office Salaries		2400	1,341,773.00	1,427,856.08	767,718.14	1,427,856.08	0.00	0.0%
Other Classified Salaries		2900	1,260,757.00	1,362,876.95	682,971.36	1,362,876.95	0.00	0.0%
TOTAL, CLASSIFIED SALARIES			15,062,885.00	15,883,739.74	8,066,440.24	15,883,739.74	0.00	0.0%
EMPLOYEE BENEFITS								
STRS		3101-3102	2,670,116.00	2,998,011.56	1,479,822.93	2,998,011.56	0.00	0.0%
PERS		3201-3202	2,648,563.00	2,743,821.37	1,356,284.46	2,743,821.37	0.00	0.0%
OASDI/Medicare/Alternative		3301-3302	1,638,358.00	1,760,280.41	842,990.64	1,760,280.41	0.00	0.0%
Health and Welfare Benefits		3401-3402	6,981,598.00	7,097,015.03	4,155,703.53	7,097,015.03	0.00	0.0%
Unemployment Insurance		3501-3502	770,270.00	845,809.26	423,370.22	845,809.26	0.00	0.0%
Workers' Compensation		3601-3602	717,627.00	788,942.42	394,158.80	788,942.42	0.00	0.0%
OPEB, Allocated		3701-3702	90,915.00	100,183.63	50,674.12	100,183.63	0.00	0.0%
OPEB, Active Employees		3751-3752	218,481.00	221,693.76	125,854.40	221,693.76	0.00	0.0%
PERS Reduction		3801-3802	203,873.00	208,783.04	104,104.07	208,783.04	0.00	0.0%
Other Employee Benefits		3901-3902	12,931.00	13,043.00	6,811.75	13,043.00	0.00	0.0%
TOTAL, EMPLOYEE BENEFITS			15,952,732.00	16,777,583.48	8,939,774.92	16,777,583.48	0.00	0.0%
BOOKS AND SUPPLIES								
Approved Textbooks and Core Curricula Materials		4100	776,903.00	1,409,895.15	12,191.67	1,769,818.15	(359,923.00)	-25.5%
Books and Other Reference Materials		4200	111,500.00	220,691.32	101,275.78	220,691.32	0.00	0.0%
Materials and Supplies		4300	8,641,272.00	17,536,762.42	2,222,362.89	17,632,657.42	(95,895.00)	-0.5%
Noncapitalized Equipment		4400	282,205.00	1,653,511.24	848,126.19	1,653,511.24	0.00	0.0%
Food		4700	0.00	0.00	0.00	0.00	0.00	0.0%
TOTAL, BOOKS AND SUPPLIES			9,811,880.00	20,820,860.13	3,183,956.53	21,276,678.13	(455,818.00)	-2.2%
SERVICES AND OTHER OPERATING EXPENDITURES								
Subagreements for Services		5100	16,935,001.00	17,123,881.00	5,852,824.58	16,790,889.00	332,992.00	1.9%
Travel and Conferences		5200	141,178.00	598,466.53	213,059.14	598,466.53	0.00	0.0%
Dues and Memberships		5300	11,100.00	11,975.00	11,881.56	11,975.00	0.00	0.0%
Insurance		5400-5450	0.00	0.00	0.00	0.00	0.00	0.0%
Operations and Housekeeping Services		5500	54,080.00	54,080.00	7,864.66	54,080.00	0.00	0.0%
Rentals, Leases, Repairs, and Noncapitalized Improvements		5600	386,200.00	451,714.77	186,291.17	451,714.77	0.00	0.0%
Transfers of Direct Costs		5710	763,286.00	986,760.02	608,377.59	986,760.02	0.00	0.0%
Transfers of Direct Costs - Interfund		5750	(16,363.00)	891.55	(11,631.76)	891.55	0.00	0.0%
Professional/Consulting Services and Operating Expenditures		5800	2,560,694.00	5,858,729.08	2,219,266.92	5,964,655.08	(105,926.00)	-1.8%
Communications		5900	46,350.00	60,342.72	25,012.85	60,342.72	0.00	0.0%
TOTAL, SERVICES AND OTHER OPERATING EXPENDITURES			20,881,526.00	25,146,840.67	9,112,946.71	24,919,774.67	227,066.00	0.9%

Description	Resource Codes	Object Codes	Original Budget (A)	Board Approved Operating Budget (B)	Actuals To Date (C)	Projected Year Totals (D)	Difference (Col B & D) (E)	% Diff (E/B) (F)
CAPITAL OUTLAY								
Land		6100	0.00	0.00	0.00	0.00	0.00	0.0%
Land Improvements		6170	0.00	0.00	0.00	0.00	0.00	0.0%
Buildings and Improvements of Buildings		6200	3,336,501.00	4,117,383.58	741,135.48	4,117,383.58	0.00	0.0%
Books and Media for New School Libraries or Major Expansion of School Libraries		6300	0.00	0.00	0.00	0.00	0.00	0.0%
Equipment		6400	46,150.00	46,150.00	0.00	46,150.00	0.00	0.0%
Equipment Replacement		6500	60,000.00	109,883.42	66,673.17	109,883.42	0.00	0.0%
TOTAL, CAPITAL OUTLAY			3,442,651.00	4,273,417.00	807,808.65	4,273,417.00	0.00	0.0%
OTHER OUTGO (excluding Transfers of Indirect Costs)								
Tuition								
Tuition for Instruction Under Interdistrict Attendance Agreements		7110	0.00	0.00	0.00	0.00	0.00	0.0%
State Special Schools		7130	0.00	0.00	4,274.00	0.00	0.00	0.0%
Tuition, Excess Costs, and/or Deficit Payments Payments to Districts or Charter Schools		7141	0.00	0.00	0.00	0.00	0.00	0.0%
Payments to County Offices		7142	0.00	0.00	0.00	0.00	0.00	0.0%
Payments to JPAs		7143	0.00	0.00	0.00	0.00	0.00	0.0%
Transfers of Pass-Through Revenues To Districts or Charter Schools		7211	0.00	0.00	0.00	0.00	0.00	0.0%
To County Offices		7212	0.00	0.00	0.00	0.00	0.00	0.0%
To JPAs		7213	0.00	0.00	0.00	0.00	0.00	0.0%
Special Education SELPA Transfers of Apportionments To Districts or Charter Schools	6500	7221	0.00	0.00	0.00	0.00	0.00	0.0%
To County Offices	6500	7222	0.00	0.00	0.00	0.00	0.00	0.0%
To JPAs	6500	7223	0.00	0.00	0.00	0.00	0.00	0.0%
ROC/P Transfers of Apportionments To Districts or Charter Schools	6360	7221	0.00	0.00	0.00	0.00	0.00	0.0%
To County Offices	6360	7222	0.00	0.00	0.00	0.00	0.00	0.0%
To JPAs	6360	7223	0.00	0.00	0.00	0.00	0.00	0.0%
Other Transfers of Apportionments	All Other	7221-7223	0.00	0.00	0.00	0.00	0.00	0.0%
All Other Transfers		7281-7283	0.00	0.00	0.00	0.00	0.00	0.0%
All Other Transfers Out to All Others		7299	0.00	0.00	0.00	0.00	0.00	0.0%
Debt Service								
Debt Service - Interest		7438	0.00	0.00	0.00	0.00	0.00	0.0%
Other Debt Service - Principal		7439	0.00	0.00	0.00	0.00	0.00	0.0%
TOTAL, OTHER OUTGO (excluding Transfers of Indirect Costs)			0.00	0.00	4,274.00	0.00	0.00	0.0%
OTHER OUTGO - TRANSFERS OF INDIRECT COSTS								
Transfers of Indirect Costs		7310	3,105,733.00	3,337,386.22	159,064.01	3,337,386.22	0.00	0.0%
Transfers of Indirect Costs - Interfund		7350	0.00	0.00	0.00	0.00	0.00	0.0%
TOTAL, OTHER OUTGO - TRANSFERS OF INDIRECT COSTS			3,105,733.00	3,337,386.22	159,064.01	3,337,386.22	0.00	0.0%
TOTAL, EXPENDITURES			101,022,670.00	122,836,180.88	48,523,859.82	123,064,932.88	(228,752.00)	-0.2%

Description	Resource Codes	Object Codes	Original Budget (A)	Board Approved Operating Budget (B)	Actuals To Date (C)	Projected Year Totals (D)	Difference (Col B & D) (E)	% Diff (E/B) (F)
INTERFUND TRANSFERS								
INTERFUND TRANSFERS IN								
From: Special Reserve Fund		8912	0.00	0.00	0.00	0.00	0.00	0.0%
From: Bond Interest and Redemption Fund		8914	0.00	0.00	0.00	0.00		
Other Authorized Interfund Transfers In		8919	0.00	0.00	0.00	0.00	0.00	0.0%
(a) TOTAL, INTERFUND TRANSFERS IN			0.00	0.00	0.00	0.00	0.00	0.0%
INTERFUND TRANSFERS OUT								
To: Child Development Fund		7611	0.00	0.00	0.00	0.00	0.00	0.0%
To: Special Reserve Fund		7612	0.00	0.00	0.00	0.00	0.00	0.0%
To: State School Building Fund/ County School Facilities Fund		7613	0.00	0.00	0.00	0.00	0.00	0.0%
To: Deferred Maintenance Fund		7615	0.00	0.00	0.00	0.00	0.00	0.0%
To: Cafeteria Fund		7616	0.00	0.00	0.00	0.00	0.00	0.0%
Other Authorized Interfund Transfers Out		7619	93,261.00	74,214.00	0.00	74,214.00	0.00	0.0%
(b) TOTAL, INTERFUND TRANSFERS OUT			93,261.00	74,214.00	0.00	74,214.00	0.00	0.0%
OTHER SOURCES/USES								
SOURCES								
State Apportionments Emergency Apportionments		8931	0.00	0.00	0.00	0.00		
Proceeds Proceeds from Sale/Lease-Purchase of Land/Buildings		8953	0.00	0.00	0.00	0.00	0.00	0.0%
Other Sources Transfers from Funds of Lapsed/Reorganized LEAs		8965	0.00	0.00	0.00	0.00	0.00	0.0%
Long-Term Debt Proceeds Proceeds from Certificates of Participation		8971	0.00	0.00	0.00	0.00	0.00	0.0%
Proceeds from Capital Leases		8972	0.00	0.00	0.00	0.00	0.00	0.0%
Proceeds from Lease Revenue Bonds		8973	0.00	0.00	0.00	0.00	0.00	0.0%
All Other Financing Sources		8979	0.00	0.00	0.00	0.00	0.00	0.0%
(c) TOTAL, SOURCES			0.00	0.00	0.00	0.00	0.00	0.0%
USES								
Transfers of Funds from Lapsed/Reorganized LEAs		7651	0.00	0.00	0.00	0.00	0.00	0.0%
All Other Financing Uses		7699	0.00	0.00	0.00	0.00	0.00	0.0%
(d) TOTAL, USES			0.00	0.00	0.00	0.00	0.00	0.0%
CONTRIBUTIONS								
Contributions from Unrestricted Revenues		8980	32,994,846.00	32,365,486.32	7,866.32	33,016,179.32	650,693.00	2.0%
Contributions from Restricted Revenues		8990	0.00	0.00	0.00	0.00	0.00	0.0%
Transfers of Restricted Balances		8997	0.00	0.00	0.00	0.00	0.00	0.0%
(e) TOTAL, CONTRIBUTIONS			32,994,846.00	32,365,486.32	7,866.32	33,016,179.32	650,693.00	2.0%
TOTAL, OTHER FINANCING SOURCES/USES								
(a - b + c - d + e)			32,901,585.00	32,291,272.32	7,866.32	32,941,965.32	(650,693.00)	2.0%

Description	Resource Codes	Object Codes	Original Budget (A)	Board Approved Operating Budget (B)	Actuals To Date (C)	Projected Year Totals (D)	Difference (Col B & D) (E)	% Diff (E/B) (F)
A. REVENUES								
1) Revenue Limit Sources		8010-8099	202,675,990.00	202,713,796.00	118,326,932.51	211,133,495.00	8,419,699.00	4.2%
2) Federal Revenue		8100-8299	23,630,429.00	35,855,403.27	10,110,864.20	36,131,869.18	276,465.91	0.8%
3) Other State Revenue		8300-8599	64,979,305.00	68,639,166.22	34,427,998.80	69,247,337.22	608,171.00	0.9%
4) Other Local Revenue		8600-8799	3,231,890.00	4,619,979.74	2,802,575.48	4,860,417.35	240,437.61	5.2%
5) TOTAL, REVENUES			294,517,614.00	311,828,345.23	165,668,370.99	321,373,118.75		
B. EXPENDITURES								
1) Certificated Salaries		1000-1999	154,768,165.00	159,041,360.64	82,479,257.44	159,041,360.64	0.00	0.0%
2) Classified Salaries		2000-2999	42,243,551.00	43,218,125.91	22,960,817.29	43,218,125.91	0.00	0.0%
3) Employee Benefits		3000-3999	59,684,256.00	61,347,896.73	33,384,788.38	61,347,557.73	339.00	0.0%
4) Books and Supplies		4000-4999	17,013,465.00	29,661,378.35	5,839,948.79	30,701,661.96	(1,040,283.61)	-3.5%
5) Services and Other Operating Expenditures		5000-5999	37,747,895.00	42,680,436.72	13,928,954.99	42,562,747.63	117,689.09	0.3%
6) Capital Outlay		6000-6999	3,477,551.00	4,392,912.00	1,293,162.31	4,392,912.00	0.00	0.0%
7) Other Outgo (excluding Transfers of Indirect Costs)		7100-7299 7400-7499	70,000.00	70,000.00	4,274.00	70,000.00	0.00	0.0%
8) Other Outgo - Transfers of Indirect Costs		7300-7399	(956,576.00)	(955,499.00)	0.00	(955,499.00)	0.00	0.0%
9) TOTAL, EXPENDITURES			314,048,307.00	339,456,611.35	159,891,203.20	340,378,866.87		
C. EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES BEFORE OTHER FINANCING SOURCES AND USES (A5 - B9)			(19,530,693.00)	(27,628,266.12)	5,777,167.79	(19,005,748.12)		
D. OTHER FINANCING SOURCES/USES								
1) Interfund Transfers								
a) Transfers In		8900-8929	728,124.00	826,536.00	0.00	826,536.00	0.00	0.0%
b) Transfers Out		7600-7629	2,917,629.00	2,898,582.00	1,700,000.00	2,898,582.00	0.00	0.0%
2) Other Sources/Uses								
a) Sources		8930-8979	0.00	0.00	0.00	0.00	0.00	0.0%
b) Uses		7630-7699	0.00	0.00	0.00	0.00	0.00	0.0%
3) Contributions		8980-8999	0.00	0.00	0.00	0.00	0.00	0.0%
4) TOTAL, OTHER FINANCING SOURCES/USES			(2,189,505.00)	(2,072,046.00)	(1,700,000.00)	(2,072,046.00)		

Description	Resource Codes	Object Codes	Original Budget (A)	Board Approved Operating Budget (B)	Actuals To Date (C)	Projected Year Totals (D)	Difference (Col B & D) (E)	% Diff (E/B) (F)
E. NET INCREASE (DECREASE) IN FUND BALANCE (C + D4)			(21,720,198.00)	(29,700,312.12)	4,077,167.79	(21,077,794.12)		
F. FUND BALANCE, RESERVES								
1) Beginning Fund Balance								
a) As of July 1 - Unaudited		9791	87,086,058.00	90,211,565.02		90,211,565.02	0.00	0.0%
b) Audit Adjustments		9793	0.00	0.00		0.00	0.00	0.0%
c) As of July 1 - Audited (F1a + F1b)			87,086,058.00	90,211,565.02		90,211,565.02		
d) Other Restatements		9795	0.00	0.00		0.00	0.00	0.0%
e) Adjusted Beginning Balance (F1c + F1d)			87,086,058.00	90,211,565.02		90,211,565.02		
2) Ending Balance, June 30 (E + F1e)			65,365,860.00	60,511,252.90		69,133,770.90		
Components of Ending Fund Balance								
a) Nonspendable								
Revolving Cash		9711	150,000.00	150,000.00		150,000.00		
Stores		9712	500,000.00	500,000.00		500,000.00		
Prepaid Expenditures		9713	0.00	0.00		0.00		
All Others		9719	0.00	0.00		0.00		
b) Restricted			7,522,950.00	1,998,755.78		1,998,755.78		
c) Committed								
Stabilization Arrangements		9750	0.00	0.00		0.00		
Other Commitments		9760	0.00	0.00		0.00		
d) Assigned								
Other Assignments		9780	30,175,288.00	26,991,893.72		27,028,670.71		
e) Unassigned/Unappropriated								
Reserve for Economic Uncertainties		9789	6,339,319.00	6,827,526.00		6,865,549.00		
Unassigned/Unappropriated Amount			20,678,303.00	24,043,077.40		32,590,795.41		

Description	Resource Codes	Object Codes	Original Budget (A)	Board Approved Operating Budget (B)	Actuals To Date (C)	Projected Year Totals (D)	Difference (Col B & D) (E)	% Diff (E/B) (F)
REVENUE LIMIT SOURCES								
Principal Apportionment								
State Aid - Current Year		8011	149,250,816.00	150,685,742.00	83,165,333.00	152,845,050.00	2,159,308.00	1.4%
Charter Schools General Purpose Entitlement - State Aid		8015	0.00	0.00	0.00	0.00	0.00	0.0%
State Aid - Prior Years		8019	0.00	0.00	0.00	0.00	0.00	0.0%
Tax Relief Subventions								
Homeowners' Exemptions		8021	796,535.00	927,729.00	465,805.76	931,612.00	3,883.00	0.4%
Timber Yield Tax		8022	0.00	0.00	0.00	0.00	0.00	0.0%
Other Subventions/In-Lieu Taxes		8029	0.00	1,148.37	4,129.00	4,129.37	2,981.00	259.6%
County & District Taxes								
Secured Roll Taxes		8041	51,381,467.00	49,606,131.00	28,951,894.33	49,226,797.00	(379,334.00)	-0.8%
Unsecured Roll Taxes		8042	2,727,366.00	2,682,866.63	2,794,191.56	2,800,213.63	117,347.00	4.4%
Prior Years' Taxes		8043	7,390,081.00	7,536,109.00	5,508,411.74	5,512,395.00	(2,023,714.00)	-26.9%
Supplemental Taxes		8044	0.00	174,199.00	219,141.50	233,134.00	58,935.00	33.8%
Education Revenue Augmentation Fund (ERAF)		8045	(9,952,970.00)	(9,901,908.00)	(3,675,037.46)	(13,144,964.00)	(3,243,056.00)	32.8%
Community Redevelopment Funds (SB 617/699/1992)		8047	446,660.00	637,670.00	531,680.70	12,334,391.00	11,696,721.00	1834.3%
Penalties and Interest from Delinquent Taxes		8048	0.00	0.00	0.00	0.00	0.00	0.0%
Miscellaneous Funds (EC 41604)								
Royalties and Bonuses		8081	0.00	0.00	0.00	0.00	0.00	0.0%
Other In-Lieu Taxes		8082	0.00	0.00	0.00	0.00	0.00	0.0%
Less: Non-Revenue Limit (50%) Adjustment		8089	0.00	0.00	0.00	0.00	0.00	0.0%
Subtotal, Revenue Limit Sources			202,039,955.00	202,349,687.00	117,965,550.13	210,742,758.00	8,393,071.00	4.1%
Revenue Limit Transfers								
Unrestricted Revenue Limit Transfers - Current Year	0000	8091	(8,953,173.00)	(9,625,454.00)	0.00	(8,977,485.00)	647,969.00	-6.7%
Continuation Education ADA Transfer	2200	8091	0.00	0.00	0.00	0.00	0.00	0.0%
Community Day Schools Transfer	2430	8091	0.00	0.00	0.00	0.00	0.00	0.0%
Special Education ADA Transfer	6500	8091	8,953,173.00	9,625,454.00	0.00	8,977,485.00	(647,969.00)	-6.7%
All Other Revenue Limit Transfers - Current Year	All Other	8091	0.00	0.00	0.00	0.00	0.00	0.0%
PERS Reduction Transfer		8092	882,028.00	555,842.00	457,571.38	555,503.00	(339.00)	-0.1%
Transfers to Charter Schools in Lieu of Property Taxes		8096	(245,993.00)	(191,733.00)	(96,189.00)	(164,766.00)	26,967.00	-14.1%
Property Taxes Transfers		8097	0.00	0.00	0.00	0.00	0.00	0.0%
Revenue Limit Transfers - Prior Years		8099	0.00	0.00	0.00	0.00	0.00	0.0%
TOTAL, REVENUE LIMIT SOURCES			202,675,990.00	202,713,796.00	118,326,932.51	211,133,495.00	8,419,699.00	4.2%
FEDERAL REVENUE								
Maintenance and Operations		8110	0.00	0.00	0.00	0.00	0.00	0.0%
Special Education Entitlement		8181	7,082,361.00	8,634,811.63	1,524,866.63	8,634,811.63	0.00	0.0%
Special Education Discretionary Grants		8182	626,564.00	1,011,616.60	308,739.60	1,011,616.60	0.00	0.0%
Child Nutrition Programs		8220	0.00	0.00	0.00	0.00	0.00	0.0%
Forest Reserve Funds		8260	0.00	0.00	0.00	0.00	0.00	0.0%
Flood Control Funds		8270	0.00	0.00	0.00	0.00	0.00	0.0%
Wildlife Reserve Funds		8280	0.00	0.00	0.00	0.00	0.00	0.0%
FEMA		8281	0.00	0.00	0.00	0.00	0.00	0.0%
Interagency Contracts Between LEAs		8285	999,253.00	1,173,582.91	529,848.30	1,173,582.91	0.00	0.0%
Pass-Through Revenues from Federal Sources		8287	0.00	0.00	0.00	0.00	0.00	0.0%
NCLB/IASA (incl. ARRA)	3000-3299, 4000-4139, 4201-4215, 4610, 5510	8290	13,402,466.00	22,126,628.31	6,461,299.47	22,185,023.31	58,395.00	0.3%

Description	Resource Codes	Object Codes	Original Budget (A)	Board Approved Operating Budget (B)	Actuals To Date (C)	Projected Year Totals (D)	Difference (Col B & D) (E)	% Diff (E/B) (F)
Vocational and Applied Technology Education	3500-3699	8290	350,226.00	377,912.00	0.00	377,912.00	0.00	0.0%
Safe and Drug Free Schools	3700-3799	8290	0.00	0.00	0.00	0.00	0.00	0.0%
Other Federal Revenue (incl. ARRA)	All Other	8290	1,169,559.00	2,530,851.82	1,286,110.20	2,748,922.73	218,070.91	8.6%
TOTAL, FEDERAL REVENUE			23,630,429.00	35,855,403.27	10,110,864.20	36,131,869.18	276,465.91	0.8%
OTHER STATE REVENUE								
Other State Apportionments								
Community Day School Additional Funding								
Current Year	2430	8311	0.00	0.00	0.00	0.00	0.00	0.0%
Prior Years	2430	8319	0.00	0.00	0.00	0.00	0.00	0.0%
ROC/P Entitlement								
Current Year	6355-6360	8311	0.00	0.00	0.00	0.00	0.00	0.0%
Prior Years	6355-6360	8319	0.00	0.00	0.00	0.00	0.00	0.0%
Special Education Master Plan								
Current Year	6500	8311	21,765,550.00	21,765,550.00	12,075,446.00	21,432,558.00	(332,992.00)	-1.5%
Prior Years	6500	8319	0.00	0.00	0.00	0.00	0.00	0.0%
Home-to-School Transportation	7230	8311	533,594.00	531,959.00	248,623.00	531,959.00	0.00	0.0%
Economic Impact Aid	7090-7091	8311	4,297,637.00	5,250,824.00	3,150,494.00	5,250,824.00	0.00	0.0%
Spec. Ed. Transportation	7240	8311	1,364,632.00	1,360,452.00	635,843.00	1,360,452.00	0.00	0.0%
All Other State Apportionments - Current Year	All Other	8311	0.00	0.00	0.00	0.00	0.00	0.0%
All Other State Apportionments - Prior Years	All Other	8319	0.00	0.00	0.00	0.00	0.00	0.0%
Year Round School Incentive		8425	0.00	0.00	0.00	0.00	0.00	0.0%
Class Size Reduction, K-3		8434	6,531,386.00	6,531,386.00	1,638,362.00	6,736,590.00	205,204.00	3.1%
Child Nutrition Programs		8520	0.00	0.00	0.00	0.00	0.00	0.0%
Mandated Costs Reimbursements		8550	0.00	182,423.00	182,438.00	182,423.00	0.00	0.0%
Lottery - Unrestricted and Instructional Materi		8560	5,686,807.00	5,686,807.00	1,644,557.80	6,398,639.00	711,832.00	12.5%
Tax Relief Subventions								
Restricted Levies - Other								
Homeowners' Exemptions		8575	0.00	0.00	0.00	0.00	0.00	0.0%
Other Subventions/In-Lieu Taxes		8576	0.00	0.00	0.00	0.00	0.00	0.0%
Pass-Through Revenues from State Sources		8587	0.00	0.00	0.00	0.00	0.00	0.0%
School Based Coordination Program	7250	8590	0.00	0.00	0.00	0.00	0.00	0.0%
Drug/Alcohol/Tobacco Funds	6650-6690	8590	0.00	4,500.00	2,250.00	4,500.00	0.00	0.0%
Healthy Start	6240	8590	0.00	0.00	0.00	0.00	0.00	0.0%
Class Size Reduction Facilities	6200	8590	0.00	0.00	0.00	0.00	0.00	0.0%
School Community Violence Prevention Grant	7391	8590	0.00	0.00	0.00	0.00	0.00	0.0%
Quality Education Investment Act	7400	8590	0.00	0.00	0.00	0.00	0.00	0.0%
All Other State Revenue	All Other	8590	24,799,699.00	27,325,265.22	14,849,985.00	27,349,392.22	24,127.00	0.1%
TOTAL, OTHER STATE REVENUE			64,979,305.00	68,639,166.22	34,427,998.80	69,247,337.22	608,171.00	0.9%
OTHER LOCAL REVENUE								
Other Local Revenue								
County and District Taxes								
Other Restricted Levies								
Secured Roll		8615	0.00	0.00	0.00	0.00	0.00	0.0%
Unsecured Roll		8616	0.00	0.00	0.00	0.00	0.00	0.0%
Prior Years' Taxes		8617	0.00	0.00	0.00	0.00	0.00	0.0%
Supplemental Taxes		8618	0.00	0.00	0.00	0.00	0.00	0.0%
Non-Ad Valorem Taxes								
Parcel Taxes		8621	0.00	0.00	0.00	0.00	0.00	0.0%
Other		8622	0.00	0.00	0.00	0.00	0.00	0.0%
Community Redevelopment Funds								
Not Subject to RL Deduction		8625	1,031,548.00	1,031,548.00	729,583.00	1,031,548.00	0.00	0.0%

Description	Resource Codes	Object Codes	Original Budget (A)	Board Approved Operating Budget (B)	Actuals To Date (C)	Projected Year Totals (D)	Difference (Col B & D) (E)	% Diff (E/B) (F)
Penalties and Interest from Delinquent Non-Revenue Limit Taxes		8629	0.00	0.00	0.00	0.00	0.00	0.0%
Sales								
Sale of Equipment/Supplies		8631	0.00	0.00	5,226.05	0.00	0.00	0.0%
Sale of Publications		8632	85,000.00	85,000.00	4,252.68	85,000.00	0.00	0.0%
Food Service Sales		8634	0.00	0.00	0.00	0.00	0.00	0.0%
All Other Sales		8639	0.00	0.00	0.00	0.00	0.00	0.0%
Leases and Rentals		8650	474,046.00	474,046.00	271,355.69	474,046.00	0.00	0.0%
Interest		8660	200,000.00	200,000.00	111,683.47	200,000.00	0.00	0.0%
Net Increase (Decrease) in the Fair Value of Investments		8662	0.00	0.00	0.00	0.00	0.00	0.0%
Fees and Contracts								
Adult Education Fees		8671	0.00	0.00	0.00	0.00	0.00	0.0%
Non-Resident Students		8672	0.00	0.00	0.00	0.00	0.00	0.0%
Transportation Fees From Individuals		8675	15,000.00	15,000.00	21,379.00	21,111.00	6,111.00	40.7%
Transportation Services	7230, 7240	8677	0.00	0.00	0.00	0.00	0.00	0.0%
Interagency Services	All Other	8677	0.00	0.00	0.00	0.00	0.00	0.0%
Mitigation/Developer Fees		8681	0.00	0.00	0.00	0.00	0.00	0.0%
All Other Fees and Contracts		8689	0.00	0.00	0.00	0.00	0.00	0.0%
Other Local Revenue								
Plus: Misc Funds Non-Revenue Limit (50%) Adjustment		8691	0.00	0.00	0.00	0.00	0.00	0.0%
Pass-Through Revenues From Local Sources		8697	0.00	0.00	0.00	0.00	0.00	0.0%
All Other Local Revenue		8699	1,426,296.00	2,814,385.74	1,659,095.59	3,048,712.35	234,326.61	8.3%
Tuition		8710	0.00	0.00	0.00	0.00	0.00	0.0%
All Other Transfers In		8781-8783	0.00	0.00	0.00	0.00	0.00	0.0%
Transfers Of Apportionments								
Special Education SELPA Transfers								
From Districts or Charter Schools	6500	8791	0.00	0.00	0.00	0.00	0.00	0.0%
From County Offices	6500	8792	0.00	0.00	0.00	0.00	0.00	0.0%
From JPAs	6500	8793	0.00	0.00	0.00	0.00	0.00	0.0%
ROC/P Transfers								
From Districts or Charter Schools	6360	8791	0.00	0.00	0.00	0.00	0.00	0.0%
From County Offices	6360	8792	0.00	0.00	0.00	0.00	0.00	0.0%
From JPAs	6360	8793	0.00	0.00	0.00	0.00	0.00	0.0%
Other Transfers of Apportionments								
From Districts or Charter Schools	All Other	8791	0.00	0.00	0.00	0.00	0.00	0.0%
From County Offices	All Other	8792	0.00	0.00	0.00	0.00	0.00	0.0%
From JPAs	All Other	8793	0.00	0.00	0.00	0.00	0.00	0.0%
All Other Transfers In from All Others		8799	0.00	0.00	0.00	0.00	0.00	0.0%
TOTAL, OTHER LOCAL REVENUE			3,231,890.00	4,619,979.74	2,802,575.48	4,860,417.35	240,437.61	5.2%
TOTAL, REVENUES			294,517,614.00	311,828,345.23	165,668,370.99	321,373,118.75	9,544,773.52	3.1%

Description	Resource Codes	Object Codes	Original Budget (A)	Board Approved Operating Budget (B)	Actuals To Date (C)	Projected Year Totals (D)	Difference (Col B & D) (E)	% Diff (E/B) (F)
CERTIFICATED SALARIES								
Certificated Teachers' Salaries		1100	131,487,523.00	135,281,731.85	69,439,422.21	135,281,731.85	0.00	0.0%
Certificated Pupil Support Salaries		1200	7,144,573.00	7,210,455.00	3,686,434.58	7,210,455.00	0.00	0.0%
Certificated Supervisors' and Administrators' Salaries		1300	12,632,973.00	12,849,017.30	7,343,949.79	12,849,017.30	0.00	0.0%
Other Certificated Salaries		1900	3,503,096.00	3,700,156.49	2,009,450.86	3,700,156.49	0.00	0.0%
TOTAL, CERTIFICATED SALARIES			154,768,165.00	159,041,360.64	82,479,257.44	159,041,360.64	0.00	0.0%
CLASSIFIED SALARIES								
Classified Instructional Salaries		2100	9,346,906.00	9,949,878.06	4,681,017.10	9,949,878.06	0.00	0.0%
Classified Support Salaries		2200	14,055,998.00	14,104,302.92	8,095,273.50	14,104,302.92	0.00	0.0%
Classified Supervisors' and Administrators' Salaries		2300	5,358,967.00	5,373,880.94	3,101,606.91	5,373,880.94	0.00	0.0%
Clerical, Technical and Office Salaries		2400	11,131,618.00	11,309,557.04	5,850,268.11	11,309,557.04	0.00	0.0%
Other Classified Salaries		2900	2,350,062.00	2,480,506.95	1,232,651.67	2,480,506.95	0.00	0.0%
TOTAL, CLASSIFIED SALARIES			42,243,551.00	43,218,125.91	22,960,817.29	43,218,125.91	0.00	0.0%
EMPLOYEE BENEFITS								
STRS		3101-3102	12,726,778.00	13,090,912.61	6,802,738.30	13,090,912.61	0.00	0.0%
PERS		3201-3202	7,159,507.00	7,265,014.93	3,651,504.74	7,265,014.93	0.00	0.0%
OASDI/Medicare/Alternative		3301-3302	5,361,910.00	5,501,620.85	2,786,453.83	5,501,620.85	0.00	0.0%
Health and Welfare Benefits		3401-3402	26,373,886.00	27,598,552.03	16,009,592.92	27,598,552.03	0.00	0.0%
Unemployment Insurance		3501-3502	3,172,530.00	3,233,607.23	1,713,712.07	3,233,607.23	0.00	0.0%
Workers' Compensation		3601-3602	2,955,851.00	3,035,879.03	1,579,816.21	3,035,879.03	0.00	0.0%
OPEB, Allocated		3701-3702	374,415.00	384,845.29	(14,884.52)	384,845.29	0.00	0.0%
OPEB, Active Employees		3751-3752	762,559.00	766,499.76	444,922.68	766,499.76	0.00	0.0%
PERS Reduction		3801-3802	757,979.00	432,012.00	387,842.83	431,673.00	339.00	0.1%
Other Employee Benefits		3901-3902	38,841.00	38,953.00	23,089.32	38,953.00	0.00	0.0%
TOTAL, EMPLOYEE BENEFITS			59,684,256.00	61,347,896.73	33,384,788.38	61,347,557.73	339.00	0.0%
BOOKS AND SUPPLIES								
Approved Textbooks and Core Curricula Materials		4100	1,586,690.00	2,187,240.55	325,020.68	2,547,163.55	(359,923.00)	-16.5%
Books and Other Reference Materials		4200	169,122.00	293,118.92	114,575.49	293,118.92	0.00	0.0%
Materials and Supplies		4300	13,614,830.00	23,714,831.32	3,883,701.96	24,163,635.32	(448,804.00)	-1.9%
Noncapitalized Equipment		4400	1,642,823.00	3,466,187.56	1,516,650.66	3,697,744.17	(231,556.61)	-6.7%
Food		4700	0.00	0.00	0.00	0.00	0.00	0.0%
TOTAL, BOOKS AND SUPPLIES			17,013,465.00	29,661,378.35	5,839,948.79	30,701,661.96	(1,040,283.61)	-3.5%
SERVICES AND OTHER OPERATING EXPENDITURES								
Subagreements for Services		5100	16,935,001.00	17,123,881.00	5,852,824.58	16,790,889.00	332,992.00	1.9%
Travel and Conferences		5200	413,332.00	927,259.35	337,385.98	927,259.35	0.00	0.0%
Dues and Memberships		5300	89,019.00	103,450.12	89,774.36	103,450.12	0.00	0.0%
Insurance		5400-5450	0.00	0.00	0.00	0.00	0.00	0.0%
Operations and Housekeeping Services		5500	6,239,480.00	6,239,480.00	3,090,653.91	6,239,480.00	0.00	0.0%
Rentals, Leases, Repairs, and Noncapitalized Improvements		5600	1,251,869.00	1,383,568.77	745,267.44	1,383,568.77	0.00	0.0%
Transfers of Direct Costs		5710	0.00	0.00	0.00	0.00	0.00	0.0%
Transfers of Direct Costs - Interfund		5750	(58,944.00)	(43,757.43)	(133,697.15)	(43,757.43)	0.00	0.0%
Professional/Consulting Services and Operating Expenditures		5800	11,640,207.00	15,616,205.13	3,169,500.29	15,831,508.04	(215,302.91)	-1.4%
Communications		5900	1,237,931.00	1,330,349.78	777,245.58	1,330,349.78	0.00	0.0%
TOTAL, SERVICES AND OTHER OPERATING EXPENDITURES			37,747,895.00	42,680,436.72	13,928,954.99	42,562,747.63	117,689.09	0.3%

Description	Resource Codes	Object Codes	Original Budget (A)	Board Approved Operating Budget (B)	Actuals To Date (C)	Projected Year Totals (D)	Difference (Col B & D) (E)	% Diff (E/B) (F)
CAPITAL OUTLAY								
Land		6100	0.00	0.00	0.00	0.00	0.00	0.0%
Land Improvements		6170	0.00	20,626.00	20,625.11	20,626.00	0.00	0.0%
Buildings and Improvements of Buildings		6200	3,336,501.00	4,117,383.58	1,132,009.76	4,117,383.58	0.00	0.0%
Books and Media for New School Libraries or Major Expansion of School Libraries		6300	0.00	0.00	0.00	0.00	0.00	0.0%
Equipment		6400	75,050.00	124,019.00	58,854.27	124,019.00	0.00	0.0%
Equipment Replacement		6500	66,000.00	130,883.42	81,673.17	130,883.42	0.00	0.0%
TOTAL, CAPITAL OUTLAY			3,477,551.00	4,392,912.00	1,293,162.31	4,392,912.00	0.00	0.0%
OTHER OUTGO (excluding Transfers of Indirect Costs)								
Tuition								
Tuition for Instruction Under Interdistrict Attendance Agreements		7110	0.00	0.00	0.00	0.00	0.00	0.0%
State Special Schools		7130	0.00	0.00	4,274.00	0.00	0.00	0.0%
Tuition, Excess Costs, and/or Deficit Payments Payments to Districts or Charter Schools		7141	0.00	0.00	0.00	0.00	0.00	0.0%
Payments to County Offices		7142	70,000.00	70,000.00	0.00	70,000.00	0.00	0.0%
Payments to JPAs		7143	0.00	0.00	0.00	0.00	0.00	0.0%
Transfers of Pass-Through Revenues To Districts or Charter Schools		7211	0.00	0.00	0.00	0.00	0.00	0.0%
To County Offices		7212	0.00	0.00	0.00	0.00	0.00	0.0%
To JPAs		7213	0.00	0.00	0.00	0.00	0.00	0.0%
Special Education SELPA Transfers of Apportionments To Districts or Charter Schools	6500	7221	0.00	0.00	0.00	0.00	0.00	0.0%
To County Offices	6500	7222	0.00	0.00	0.00	0.00	0.00	0.0%
To JPAs	6500	7223	0.00	0.00	0.00	0.00	0.00	0.0%
ROC/P Transfers of Apportionments To Districts or Charter Schools	6360	7221	0.00	0.00	0.00	0.00	0.00	0.0%
To County Offices	6360	7222	0.00	0.00	0.00	0.00	0.00	0.0%
To JPAs	6360	7223	0.00	0.00	0.00	0.00	0.00	0.0%
Other Transfers of Apportionments	All Other	7221-7223	0.00	0.00	0.00	0.00	0.00	0.0%
All Other Transfers		7281-7283	0.00	0.00	0.00	0.00	0.00	0.0%
All Other Transfers Out to All Others		7299	0.00	0.00	0.00	0.00	0.00	0.0%
Debt Service								
Debt Service - Interest		7438	0.00	0.00	0.00	0.00	0.00	0.0%
Other Debt Service - Principal		7439	0.00	0.00	0.00	0.00	0.00	0.0%
TOTAL, OTHER OUTGO (excluding Transfers of Indirect Costs)			70,000.00	70,000.00	4,274.00	70,000.00	0.00	0.0%
OTHER OUTGO - TRANSFERS OF INDIRECT COSTS								
Transfers of Indirect Costs		7310	0.00	0.00	0.00	0.00		
Transfers of Indirect Costs - Interfund		7350	(956,576.00)	(955,499.00)	0.00	(955,499.00)	0.00	0.0%
TOTAL, OTHER OUTGO - TRANSFERS OF INDIRECT COSTS			(956,576.00)	(955,499.00)	0.00	(955,499.00)	0.00	0.0%
TOTAL, EXPENDITURES			314,048,307.00	339,456,611.35	159,891,203.20	340,378,866.87	(922,255.52)	-0.3%

Description	Resource Codes	Object Codes	Original Budget (A)	Board Approved Operating Budget (B)	Actuals To Date (C)	Projected Year Totals (D)	Difference (Col B & D) (E)	% Diff (E/B) (F)
INTERFUND TRANSFERS								
INTERFUND TRANSFERS IN								
From: Special Reserve Fund		8912	0.00	0.00	0.00	0.00	0.00	0.0%
From: Bond Interest and Redemption Fund		8914	0.00	0.00	0.00	0.00	0.00	0.0%
Other Authorized Interfund Transfers In		8919	728,124.00	826,536.00	0.00	826,536.00	0.00	0.0%
(a) TOTAL, INTERFUND TRANSFERS IN			728,124.00	826,536.00	0.00	826,536.00	0.00	0.0%
INTERFUND TRANSFERS OUT								
To: Child Development Fund		7611	0.00	0.00	0.00	0.00	0.00	0.0%
To: Special Reserve Fund		7612	0.00	0.00	0.00	0.00	0.00	0.0%
To: State School Building Fund/ County School Facilities Fund		7613	0.00	0.00	0.00	0.00	0.00	0.0%
To: Deferred Maintenance Fund		7615	0.00	0.00	0.00	0.00	0.00	0.0%
To: Cafeteria Fund		7616	0.00	0.00	0.00	0.00	0.00	0.0%
Other Authorized Interfund Transfers Out		7619	2,917,629.00	2,898,582.00	1,700,000.00	2,898,582.00	0.00	0.0%
(b) TOTAL, INTERFUND TRANSFERS OUT			2,917,629.00	2,898,582.00	1,700,000.00	2,898,582.00	0.00	0.0%
OTHER SOURCES/USES								
SOURCES								
State Apportionments Emergency Apportionments		8931	0.00	0.00	0.00	0.00	0.00	0.0%
Proceeds Proceeds from Sale/Lease-Purchase of Land/Buildings		8953	0.00	0.00	0.00	0.00	0.00	0.0%
Other Sources Transfers from Funds of Lapsed/Reorganized LEAs		8965	0.00	0.00	0.00	0.00	0.00	0.0%
Long-Term Debt Proceeds Proceeds from Certificates of Participation		8971	0.00	0.00	0.00	0.00	0.00	0.0%
Proceeds from Capital Leases		8972	0.00	0.00	0.00	0.00	0.00	0.0%
Proceeds from Lease Revenue Bonds		8973	0.00	0.00	0.00	0.00	0.00	0.0%
All Other Financing Sources		8979	0.00	0.00	0.00	0.00	0.00	0.0%
(c) TOTAL, SOURCES			0.00	0.00	0.00	0.00	0.00	0.0%
USES								
Transfers of Funds from Lapsed/Reorganized LEAs		7651	0.00	0.00	0.00	0.00	0.00	0.0%
All Other Financing Uses		7699	0.00	0.00	0.00	0.00	0.00	0.0%
(d) TOTAL, USES			0.00	0.00	0.00	0.00	0.00	0.0%
CONTRIBUTIONS								
Contributions from Unrestricted Revenues		8980	0.00	0.00	0.00	0.00		
Contributions from Restricted Revenues		8990	0.00	0.00	0.00	0.00		
Transfers of Restricted Balances		8997	0.00	0.00	0.00	0.00	0.00	0.0%
(e) TOTAL, CONTRIBUTIONS			0.00	0.00	0.00	0.00	0.00	0.0%
TOTAL, OTHER FINANCING SOURCES/USES								
(a - b + c - d + e)			(2,189,505.00)	(2,072,046.00)	(1,700,000.00)	(2,072,046.00)	0.00	0.0%

Description	ESTIMATED REVENUE LIMIT ADA Original Budget (A)	ESTIMATED REVENUE LIMIT ADA Board Approved Operating Budget (B)	ESTIMATED P-2 REPORT ADA Projected Year Totals (C)	ESTIMATED REVENUE LIMIT ADA Projected Year Totals (D)	DIFFERENCE (Col. D - B) (E)	PERCENTAGE DIFFERENCE (Col. E / B) (F)
ELEMENTARY						
1. General Education	25,586.58	25,580.36	25,769.04	25,781.04	200.68	1%
2. Special Education	1,270.00	1,299.62	1,200.00	1,200.00	(99.62)	-8%
HIGH SCHOOL						
3. General Education	12,655.70	12,651.20	12,627.96	12,630.96	(20.24)	0%
4. Special Education	670.00	629.00	578.00	576.00	(53.00)	-8%
COUNTY SUPPLEMENT						
5. County Community Schools	56.00	56.00	53.00	53.00	(3.00)	-5%
6. Special Education	0.00	0.00	0.00	0.00	0.00	0%
7. TOTAL, K-12 ADA	40,238.28	40,216.18	40,228.00	40,241.00	24.82	0%
8. ADA for Necessary Small Schools also included in lines 1 - 4.	0.00	0.00	0.00	0.00	0.00	0%
9. Regional Occupational Centers/Programs (ROC/P)*						
CLASSES FOR ADULTS						
10. Concurrently Enrolled Secondary Students*						
11. Adults Enrolled, State Apportioned*						
12. Independent Study - (Students 21 years or older and students 19 years or older and not continuously enrolled since their 18th birthday)*						
13. TOTAL, CLASSES FOR ADULTS						
14. Adults in Correctional Facilities	0.00	0.00	0.00	0.00	0.00	0%
15. ADA TOTALS (Sum of lines 7, 9, 13, & 14)	40,238.28	40,216.18	40,228.00	40,241.00	24.82	0%
SUPPLEMENTAL INSTRUCTIONAL HOURS						
16. Elementary*						
17. High School*						
18. TOTAL, SUPPLEMENTAL HOURS						

Description	ESTIMATED REVENUE LIMIT ADA Original Budget (A)	ESTIMATED REVENUE LIMIT ADA Board Approved Operating Budget (B)	ESTIMATED P-2 REPORT ADA Projected Year Totals (C)	ESTIMATED REVENUE LIMIT ADA Projected Year Totals (D)	DIFFERENCE (Col. D - B) (E)	PERCENTAGE DIFFERENCE (Col. E / B) (F)
COMMUNITY DAY SCHOOLS - Additional Funds						
19. ELEMENTARY						
a. 5th & 6th Hour (ADA) - Mandatory Expelled Pupils only	0.00	0.00	0.00	0.00	0.00	0%
b. 7th & 8th Hour Pupil Hours (Hours)*						
20. HIGH SCHOOL						
a. 5th & 6th Hour (ADA) - Mandatory Expelled Pupils only	0.00	0.00	0.00	0.00	0.00	0%
b. 7th & 8th Hour Pupil Hours (Hours)*						
CHARTER SCHOOLS						
21. Charter ADA funded thru the Block Grant						
a. Charters Sponsored by Unified Districts - Resident (EC 47660) (applicable only for unified districts with Charter School General Purpose Block Grant Offset recorded on line 30 in Form RLI)	0.00	0.00	0.00	0.00	0.00	0%
b. All Other Block Grant Funded Charters	189.00	189.00	146.01	146.01	(42.99)	-23%
22. Charter ADA funded thru the Revenue Limit	0.00	0.00	0.00	0.00	0.00	0%
23. TOTAL, CHARTER SCHOOLS ADA (sum lines 21a, 21b, and 22)	189.00	189.00	146.01	146.01	(42.99)	-23%
24. SUPPLEMENTAL INSTRUCTIONAL HOURS*						

*ADA is no longer collected as a result of flexibility provisions of SBX3 4 (Chapter 12, Statutes of 2009), as amended by SB 70 (Chapter 7, Statutes of 2011), currently in effect from 2008-09 through 2014-15.

Second Interim
2011-12 INTERIM REPORT
Cashflow Worksheet

	Object	July	August	September	October	November	December
ACTUALS THROUGH THE MONTH OF (Enter Month Name):							
A. BEGINNING CASH	9110	44,715,412.00	47,508,182.00	60,783,630.00	76,880,754.00	56,088,719.00	52,742,704.00
B. RECEIPTS							
Revenue Limit Sources							
Property Taxes	8020-8079	0.00	2,988,775.00	2,648,390.00	2,632,161.00	149,281.00	17,292,050.00
Principal Apportionment	8010-8019	0.00	0.00	17,872,722.00	0.00	13,608,873.00	13,608,873.00
Miscellaneous Funds	8080-8099	41,912.00	39,872.00	50,351.00	57,692.00	58,001.00	57,773.00
Federal Revenue	8100-8299	28,579.00	4,279,580.00	1,244,274.00	312,156.00	2,535,538.00	855,612.00
Other State Revenue	8300-8599	648,810.00	3,473,204.00	6,729,465.00	1,611,107.00	4,738,894.00	6,212,412.00
Other Local Revenue	8600-8799	15,725.00	555,185.00	233,513.00	355,486.00	341,129.00	264,260.00
Interfund Transfers In	8910-8929	0.00	0.00	0.00	0.00	0.00	0.00
All Other Financing Sources	8930-8979	0.00	0.00	0.00	0.00	0.00	0.00
Other Receipts/Non-Revenue		503,487.00	108,765.00	(238,295.00)	(74,022.00)	694,794.00	(194,942.00)
TOTAL RECEIPTS		1,238,513.00	11,445,381.00	28,540,420.00	4,894,580.00	22,126,510.00	38,096,038.00
C. DISBURSEMENTS							
Certificated Salaries	1000-1999	5,605,418.00	5,161,423.00	14,029,452.00	14,308,393.00	14,589,710.00	14,292,095.00
Classified Salaries	2000-2999	2,067,559.00	2,327,430.00	3,564,710.00	3,742,180.00	3,959,267.00	3,780,465.00
Employee Benefits	3000-3999	3,532,789.00	4,051,687.00	5,611,629.00	5,021,294.00	5,239,846.00	5,071,162.00
Books, Supplies and Services	4000-5999	501,854.00	2,447,521.00	3,526,968.00	4,409,655.00	3,131,979.00	3,963,306.00
Capital Outlay	6000-6599	52,646.00	157,155.00	524,316.00	161,069.00	239,083.00	36,484.00
Other Outgo	7000-7499	0.00	0.00	4,274.00	0.00	0.00	0.00
Interfund Transfers Out	7600-7629	0.00	1,700,000.00	0.00	0.00	0.00	0.00
All Other Financing Uses	7630-7699	0.00	0.00	0.00	0.00	0.00	0.00
Other Disbursements/ Non Expenditures		166,176.00	6,308,464.00	0.00	0.00	0.00	0.00
TOTAL DISBURSEMENTS		11,926,442.00	22,153,680.00	27,261,349.00	27,642,591.00	27,159,885.00	27,143,512.00
D. PRIOR YEAR TRANSACTIONS							
Accounts Receivable	9200	18,350,057.00	26,961,256.00	15,964,603.00	2,119,853.00	1,701,584.00	171,978.00
Accounts Payable	9500	4,869,358.00	2,977,509.00	1,146,550.00	163,877.00	14,224.00	92,320.00
TOTAL PRIOR YEAR TRANSACTIONS		13,480,699.00	23,983,747.00	14,818,053.00	1,955,976.00	1,687,360.00	79,658.00
E. NET INCREASE/DECREASE (B - C + D)		2,792,770.00	13,275,448.00	16,097,124.00	(20,792,035.00)	(3,346,015.00)	11,032,184.00
F. ENDING CASH (A + E)		47,508,182.00	60,783,630.00	76,880,754.00	56,088,719.00	52,742,704.00	63,774,888.00
G. ENDING CASH, PLUS ACCRUALS							

	Object	January	February	March	April	May	June	Accruals	TOTAL
ACTUALS THROUGH THE MONTH OF (Enter Month Name):									
A. BEGINNING CASH									
	9110	63,774,888.00	97,685,173.00	83,083,634.00	62,341,388.00	55,033,616.00	37,139,479.00		
B. RECEIPTS									
Revenue Limit Sources									
Property Taxes	8020-8079	9,089,562.00	327,010.00	327,010.00	4,936,668.00	5,400,361.00	2,881,336.00	9,225,103.00	57,897,707.00
Principal Apportionment	8010-8019	38,074,865.00	764,225.00	0.00	7,030,872.00	2,292,676.00	0.00	59,591,944.00	152,845,050.00
Miscellaneous Funds	8080-8099	55,782.00	33,092.00	33,092.00	(13,181.00)	(4,943.00)	(8,238.00)	(10,468.00)	390,737.00
Federal Revenue	8100-8299	855,125.00	6,040,904.00	6,026,854.00	1,758,757.00	2,629,642.00	5,295,901.00	4,268,946.00	36,131,868.00
Other State Revenue	8300-8599	11,014,122.00	4,780,734.00	1,540,691.00	5,590,741.00	3,374,421.00	2,894,419.00	16,638,317.00	69,247,337.00
Other Local Revenue	8600-8799	1,037,262.00	293,446.00	383,720.00	344,359.00	386,859.00	496,544.00	152,929.00	4,860,417.00
Interfund Transfers In	8910-8929	0.00	0.00	0.00	0.00	0.00	826,536.00	0.00	826,536.00
All Other Financing Sources	8930-8979	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Receipts/Non-Revenue		4,014.00	0.00	0.00	0.00	0.00	549,366.00	0.00	1,353,167.00
TOTAL RECEIPTS		60,130,732.00	12,239,411.00	8,311,367.00	19,648,216.00	14,079,016.00	12,935,864.00	89,866,771.00	323,552,819.00
C. DISBURSEMENTS									
Certificated Salaries	1000-1999	14,492,767.00	14,313,722.00	14,313,722.00	14,313,722.00	15,108,929.00	15,108,929.00	3,403,077.00	159,041,359.00
Classified Salaries	2000-2999	3,519,206.00	3,457,450.00	3,889,631.00	3,889,631.00	3,889,631.00	4,321,813.00	809,152.00	43,218,125.00
Employee Benefits	3000-3999	4,856,381.00	4,907,805.00	4,907,805.00	4,294,329.00	5,214,542.00	4,907,805.00	3,730,485.00	61,347,559.00
Books, Supplies and Services	4000-5999	1,787,622.00	4,053,950.00	5,909,968.00	4,326,070.00	7,138,035.00	7,068,240.00	24,999,241.00	73,264,409.00
Capital Outlay	6000-6599	122,409.00	87,858.00	21,965.00	175,716.00	395,362.00	0.00	2,418,849.00	4,392,912.00
Other Outgo	7000-7499	0.00	0.00	0.00	0.00	0.00	(889,773.00)	0.00	(885,499.00)
Interfund Transfers Out	7600-7629	0.00	0.00	0.00	0.00	0.00	1,198,582.00	0.00	2,898,582.00
All Other Financing Uses	7630-7699	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Disbursements/ Non Expenditures		0.00	0.00	0.00	0.00	0.00	1,500.00	0.00	6,476,140.00
TOTAL DISBURSEMENTS		24,778,385.00	26,820,785.00	29,043,091.00	26,999,468.00	31,746,499.00	31,717,096.00	35,360,804.00	349,753,587.00
D. PRIOR YEAR TRANSACTIONS									
Accounts Receivable	9200	350,164.00	0.00	5,192.00	229,000.00	33,142.00	114,683.00	0.00	66,001,512.00
Accounts Payable	9500	1,792,226.00	20,165.00	15,714.00	185,520.00	259,796.00	42,824.00	3,802,307.00	15,382,390.00
TOTAL PRIOR YEAR TRANSACTIONS		(1,442,062.00)	(20,165.00)	(10,522.00)	43,480.00	(226,654.00)	71,859.00	(3,802,307.00)	50,619,122.00
E. NET INCREASE/DECREASE (B - C + D)									
		33,910,285.00	(14,601,539.00)	(20,742,246.00)	(7,307,772.00)	(17,894,137.00)	(18,709,373.00)	50,703,660.00	24,418,354.00
F. ENDING CASH (A + E)									
		97,685,173.00	83,083,634.00	62,341,388.00	55,033,616.00	37,139,479.00	18,430,106.00		
G. ENDING CASH, PLUS ACCRUALS									
									69,133,766.00

Description	Object Codes	Projected Year Totals (Form 011) (A)	% Change (Cols. C-A/A) (B)	2012-13 Projection (C)	% Change (Cols. E-C/C) (D)	2013-14 Projection (E)
A. REVENUES AND OTHER FINANCING SOURCES (Enter projections for subsequent years 1 and 2 in Columns C and E; current year - Column A - is extracted except line A1h)						
1. Revenue Limit Sources	8010-8099	202,156,010.00				
a. Base Revenue Limit per ADA (Form RLI, line 4, ID 0024)		6,512.36	3.18%	6,719.77	2.42%	6,882.09
b. Revenue Limit ADA (Form RLI, line 5b, ID 0033)		40,241.00	0.00%	40,241.00	-0.38%	40,088.00
c. Total Base Revenue Limit (Line A1a times line A1b, ID 0269)		262,063,878.76	3.18%	270,410,264.57	2.03%	275,889,223.92
d. Other Revenue Limit (Form RLI, lines 6 thru 14)		0.00	0.00%	0.00	0.00%	0.00
e. Total Revenue Limit Subject to Deficit (Sum lines A1c plus A1d, ID 0082)		262,063,878.76	3.18%	270,410,264.57	2.03%	275,889,223.92
f. Deficit Factor (Form RLI, line 16)		0.79398	-2.29%	0.77577	-2.36%	0.75748
g. Deficit Revenue Limit (Line A1e times line A1f, ID 0284)		208,073,478.46	0.82%	209,776,170.95	-0.38%	208,980,569.33
h. Plus: Other Adjustments (e.g., basic aid, charter schools object 8015, prior year adjustments objects 8019 and 8099)			0.00%	0.00	0.00%	0.00
i. Revenue Limit Transfers (Objects 8091 and 8097)		(8,977,485.00)	0.82%	(9,051,040.00)	-0.33%	(9,021,169.00)
j. Other Adjustments (Form RLI, lines 18 thru 20 and line 41)		3,060,015.54	-484.15%	(11,755,056.95)	0.27%	(11,786,848.00)
k. Total Revenue Limit Sources (Sum lines A1g thru A1j) (Must equal line A1)		202,156,009.00	-6.52%	188,970,074.00	-0.42%	188,172,552.33
2. Federal Revenues	8100-8299	822,916.91	0.00%	822,917.00	0.00%	822,917.00
3. Other State Revenues	8300-8599	32,687,254.12	0.00%	32,687,254.00	0.00%	32,687,254.00
4. Other Local Revenues	8600-8799	3,011,419.37	13.95%	3,431,419.00	0.00%	3,431,419.00
5. Other Financing Sources	8900-8999	(32,189,643.32)	11.98%	(36,047,553.00)	3.36%	(37,257,209.00)
6. Total (Sum lines A1k thru A5)		206,487,956.08	-8.05%	189,864,111.00	-1.06%	187,856,933.33
B. EXPENDITURES AND OTHER FINANCING USES (Enter projections for subsequent years 1 and 2 in Columns C and E; current year - Column A - is extracted)						
1. Certificated Salaries						
a. Base Salaries				122,445,007.00		125,809,202.00
b. Step & Column Adjustment				1,159,240.00		1,172,984.00
c. Cost-of-Living Adjustment				0.00		0.00
d. Other Adjustments				2,204,955.00		(875,028.00)
e. Total Certificated Salaries (Sum lines B1a thru B1d)	1000-1999	122,445,007.00	2.75%	125,809,202.00	0.24%	126,107,158.00
2. Classified Salaries						
a. Base Salaries				27,334,386.17		27,816,725.17
b. Step & Column Adjustment				105,629.00		106,025.00
c. Cost-of-Living Adjustment				0.00		0.00
d. Other Adjustments				376,710.00		744.00
e. Total Classified Salaries (Sum lines B2a thru B2d)	2000-2999	27,334,386.17	1.76%	27,816,725.17	0.38%	27,923,494.17
3. Employee Benefits	3000-3999	44,569,974.25	3.05%	45,928,217.00	-1.10%	45,424,005.00
4. Books and Supplies	4000-4999	9,424,983.83	-20.72%	7,472,519.00	0.00%	7,472,519.00
5. Services and Other Operating Expenditures	5000-5999	17,642,972.96	-1.21%	17,429,085.00	0.00%	17,429,085.00
6. Capital Outlay	6000-6999	119,495.00	-37.57%	74,600.00	0.00%	74,600.00
7. Other Outgo (excluding Transfers of Indirect Costs)	7100-7299, 7400-7499	70,000.00	0.00%	70,000.00	0.00%	70,000.00
8. Other Outgo - Transfers of Indirect Costs	7300-7399	(4,292,885.22)	2.05%	(4,380,755.00)	0.00%	(4,380,755.00)
9. Other Financing Uses	7600-7699	2,824,368.00	-14.48%	2,415,368.00	0.00%	2,415,368.00
10. Other Adjustments (Explain in Section F below)				(0.17)		(1.17)
11. Total (Sum lines B1 thru B10)		220,138,301.99	1.13%	222,634,961.00	-0.04%	222,535,473.00
C. NET INCREASE (DECREASE) IN FUND BALANCE (Line A6 minus line B11)						
		(13,650,345.91)		(32,770,850.00)		(34,678,539.67)
D. FUND BALANCE						
1. Net Beginning Fund Balance (Form 011, line F1e)		80,785,360.03		67,135,014.12		34,364,164.12
2. Ending Fund Balance (Sum lines C and D1)		67,135,014.12		34,364,164.12		(314,375.55)
3. Components of Ending Fund Balance (Form 011)						
a. Nonspendable	9710-9719	650,000.00		650,000.00		650,000.00
b. Restricted	9740					
c. Committed						
1. Stabilization Arrangements	9750	0.00				
2. Other Commitments	9760	0.00				
d. Assigned	9780	27,028,670.71				
e. Unassigned/Unappropriated						
1. Reserve for Economic Uncertainties	9789	6,865,549.00		6,581,823.00		6,595,526.00
2. Unassigned/Unappropriated	9790	32,590,795.41		27,132,341.12		(7,559,901.55)
f. Total Components of Ending Fund Balance (Line D3f must agree with line D2)		67,135,015.12		34,364,164.12		(314,375.55)

Description	Object Codes	Projected Year Totals (Form 011) (A)	% Change (Cols. C-A/A) (B)	2012-13 Projection (C)	% Change (Cols. E-C/C) (D)	2013-14 Projection (E)
E. AVAILABLE RESERVES						
1. General Fund						
a. Stabilization Arrangements	9750	0.00		0.00		0.00
b. Reserve for Economic Uncertainties	9789	6,865,549.00		6,581,823.00		6,595,526.00
c. Unassigned/Unappropriated	9790	32,590,795.41		27,132,341.12		(7,559,901.55)
(Enter current year reserve projections in Column A, and other reserve projections in Columns C and E for subsequent years 1 and 2)						
2. Special Reserve Fund - Noncapital Outlay (Fund 17)						
a. Stabilization Arrangements	9750					
b. Reserve for Economic Uncertainties	9789					
c. Unassigned/Unappropriated	9790					
3. Total Available Reserves (Sum lines E1a thru E2c)						
		39,456,344.41		33,714,164.12		(964,375.55)
F. ASSUMPTIONS						
Please provide below or on a separate attachment, the assumptions used to determine the projections for the first and second subsequent fiscal years. Further, please include an explanation for any significant expenditure adjustments projected in lines B1d, B2d, and B10. For additional information, please refer to the Budget Assumptions section of the SACS Financial Reporting Software User Guide						
B1d Certificated Salaries: 2012-13 Decrease staffing due to decline in enrollment (\$375,012), sunset of furlough days \$2,933,186, reduce for carryover (\$2,000), and reduce for one-time augmentation (\$351,219). 2013-2014 Decrease staffing due to decline in enrollment (\$875,028).						
B2d Classified Salaries: 2012-13 Sunset of furlough days \$349,798, reduce for carryover (\$14,322), reduce for one-time augmentation (\$54,180), implement Full Day Kindergarten requiring additional noon duty and instructional aides \$95,414						
B10 Other Adjustments: 2012-2013 Rounding, 2013-2014 Rounding						

Description	Object Codes	Projected Year Totals (Form 011) (A)	% Change (Cols. C-A/A) (B)	2012-13 Projection (C)	% Change (Cols. E-C/C) (D)	2013-14 Projection (E)
A. REVENUES AND OTHER FINANCING SOURCES (Enter projections for subsequent years 1 and 2 in Columns C and E; current year - Column A - is extracted)						
1. Revenue Limit Sources	8010-8099	8,977,485.00	6.74%	9,582,432.00	-1.04%	9,482,615.00
2. Federal Revenues	8100-8299	35,308,952.27	-32.24%	23,923,906.00	0.00%	23,923,906.00
3. Other State Revenues	8300-8599	36,560,083.10	-6.32%	34,248,112.00	0.00%	34,248,112.00
4. Other Local Revenues	8600-8799	1,848,997.98	-14.52%	1,580,578.00	0.00%	1,580,578.00
5. Other Financing Sources	8900-8999	33,016,179.32	11.35%	36,764,508.00	2.37%	37,635,611.00
6. Total (Sum lines A1 thru A5)		115,711,697.67	-8.31%	106,099,536.00	0.73%	106,870,822.00
B. EXPENDITURES AND OTHER FINANCING USES (Enter projections for subsequent years 1 and 2 in Columns C and E; current year - Column A - is extracted)						
1. Certificated Salaries						
a. Base Salaries				36,596,353.64		37,208,864.64
b. Step & Column Adjustment				647,755.00		658,597.00
c. Cost-of-Living Adjustment				0.00		0.00
d. Other Adjustments				(35,244.00)		0.00
e. Total Certificated Salaries (Sum lines B1a thru B1d)	1000-1999	36,596,353.64	1.67%	37,208,864.64	1.77%	37,867,461.64
2. Classified Salaries						
a. Base Salaries				15,883,739.74		16,081,814.74
b. Step & Column Adjustment				123,893.00		125,438.00
c. Cost-of-Living Adjustment				0.00		0.00
d. Other Adjustments				74,182.00		0.00
e. Total Classified Salaries (Sum lines B2a thru B2d)	2000-2999	15,883,739.74	1.25%	16,081,814.74	0.78%	16,207,252.74
3. Employee Benefits	3000-3999	16,777,583.48	1.82%	17,082,441.00	0.00%	17,083,071.00
4. Books and Supplies	4000-4999	21,276,678.13	-51.27%	10,367,646.00	0.00%	10,367,646.00
5. Services and Other Operating Expenditures	5000-5999	24,919,774.67	-11.11%	22,151,673.00	0.00%	22,151,673.00
6. Capital Outlay	6000-6999	4,273,417.00	-96.37%	155,061.00	0.00%	155,061.00
7. Other Outgo (excluding Transfers of Indirect Costs)	7100-7299, 7400-7499	0.00	0.00%	0.00	0.00%	0.00
8. Other Outgo - Transfers of Indirect Costs	7300-7399	3,337,386.22	0.48%	3,353,500.00	0.00%	3,353,500.00
9. Other Financing Uses	7600-7699	74,214.00	-25.66%	55,167.00	0.00%	55,167.00
10. Other Adjustments (Explain in Section F below)				0.62		0.62
11. Total (Sum lines B1 thru B10)		123,139,146.88	-13.55%	106,456,168.00	0.74%	107,240,833.00
C. NET INCREASE (DECREASE) IN FUND BALANCE (Line A6 minus line B11)						
		(7,427,449.21)		(356,632.00)		(370,011.00)
D. FUND BALANCE						
1. Net Beginning Fund Balance (Form 011, line F1e)		9,426,204.99		1,998,755.78		1,642,123.78
2. Ending Fund Balance (Sum lines C and D1)		1,998,755.78		1,642,123.78		1,272,112.78
3. Components of Ending Fund Balance (Form 011)						
a. Nonspendable	9710-9719	0.00				
b. Restricted	9740	1,998,755.78		1,643,224.40		1,274,314.02
c. Committed						
1. Stabilization Arrangements	9750					
2. Other Commitments	9760					
d. Assigned	9780					
e. Unassigned/Unappropriated						
1. Reserve for Economic Uncertainties	9789					
2. Unassigned/Unappropriated	9790	0.00		(1,100.62)		(2,201.24)
f. Total Components of Ending Fund Balance (Line D3f must agree with line D2)		1,998,755.78		1,642,123.78		1,272,112.78

Description	Object Codes	Projected Year Totals (Form 011) (A)	% Change (Cols. C-A/A) (B)	2012-13 Projection (C)	% Change (Cols. E-C/C) (D)	2013-14 Projection (E)
E. AVAILABLE RESERVES						
1. General Fund						
a. Stabilization Arrangements	9750					
b. Reserve for Economic Uncertainties	9789					
c. Unassigned/Unappropriated Amount	9790					
(Enter current year reserve projections in Column A, and other reserve projections in Columns C and E for subsequent years 1 and 2)						
2. Special Reserve Fund - Noncapital Outlay (Fund 17)						
a. Stabilization Arrangements	9750					
b. Reserve for Economic Uncertainties	9789					
c. Unassigned/Unappropriated	9790					
3. Total Available Reserves (Sum lines E1a thru E2c)						
F. ASSUMPTIONS						
Please provide below or on a separate attachment, the assumptions used to determine the projections for the first and second subsequent fiscal years. Further, please include an explanation for any significant expenditure adjustments projected in lines B1d, B2d, and B10. For additional information, please refer to the Budget Assumptions section of the SACS Financial Reporting Software User Guide.						
B1d Certificated Salaries: 2012-2013 Sunset of Furlough days \$845,302, reduce for carryover (\$811,126), and reduce for one-time grants (\$69,420).						
B2d Classified Salaries: 2012-2013 Sunset of Furlough days \$306,232, reduce for carryover (\$232,050).						
B10 Other Adjustments: 2012-2013 and 2013-2014 Rounding						

Description	Object Codes	Projected Year Totals (Form 011) (A)	% Change (Cols. C-A/A) (B)	2012-13 Projection (C)	% Change (Cols. E-C/C) (D)	2013-14 Projection (E)
A. REVENUES AND OTHER FINANCING SOURCES						
(Enter projections for subsequent years 1 and 2 in Columns C and E; current year - Column A - is extracted)						
1. Revenue Limit Sources	8010-8099	211,133,495.00	-5.96%	198,552,506.00	-0.45%	197,655,167.33
2. Federal Revenues	8100-8299	36,131,869.18	-31.51%	24,746,823.00	0.00%	24,746,823.00
3. Other State Revenues	8300-8599	69,247,337.22	-3.34%	66,935,366.00	0.00%	66,935,366.00
4. Other Local Revenues	8600-8799	4,860,417.35	3.12%	5,011,997.00	0.00%	5,011,997.00
5. Other Financing Sources	8900-8999	826,536.00	-13.26%	716,955.00	-47.22%	378,402.00
6. Total (Sum lines A1 thru A5)		322,199,653.75	-8.14%	295,963,647.00	-0.42%	294,727,755.33
B. EXPENDITURES AND OTHER FINANCING USES						
(Enter projections for subsequent years 1 and 2 in Columns C and E; current year - Column A - is extracted)						
1. Certificated Salaries						
a. Base Salaries				159,041,360.64		163,018,066.64
b. Step & Column Adjustment				1,806,995.00		1,831,581.00
c. Cost-of-Living Adjustment				0.00		0.00
d. Other Adjustments				2,169,711.00		(875,028.00)
e. Total Certificated Salaries (Sum lines B1a thru B1d)	1000-1999	159,041,360.64	2.50%	163,018,066.64	0.59%	163,974,619.64
2. Classified Salaries						
a. Base Salaries				43,218,125.91		43,898,539.91
b. Step & Column Adjustment				229,522.00		231,463.00
c. Cost-of-Living Adjustment				0.00		0.00
d. Other Adjustments				450,892.00		744.00
e. Total Classified Salaries (Sum lines B2a thru B2d)	2000-2999	43,218,125.91	1.57%	43,898,539.91	0.53%	44,130,746.91
3. Employee Benefits	3000-3999	61,347,557.73	2.71%	63,010,658.00	-0.80%	62,507,076.00
4. Books and Supplies	4000-4999	30,701,661.96	-41.89%	17,840,165.00	0.00%	17,840,165.00
5. Services and Other Operating Expenditures	5000-5999	42,562,747.63	-7.01%	39,580,758.00	0.00%	39,580,758.00
6. Capital Outlay	6000-6999	4,392,912.00	-94.77%	229,661.00	0.00%	229,661.00
7. Other Outgo (excluding Transfers of Indirect Costs)	7100-7299, 7400-7499	70,000.00	0.00%	70,000.00	0.00%	70,000.00
8. Other Outgo - Transfers of Indirect Costs	7300-7399	(955,499.00)	7.51%	(1,027,255.00)	0.00%	(1,027,255.00)
9. Other Financing Uses	7600-7699	2,898,582.00	-14.77%	2,470,535.00	0.00%	2,470,535.00
10. Other Adjustments				0.45		(0.55)
11. Total (Sum lines B1 thru B10)		343,277,448.87	-4.13%	329,091,129.00	0.21%	329,776,306.00
C. NET INCREASE (DECREASE) IN FUND BALANCE						
(Line A6 minus line B11)						
		(21,077,795.12)		(33,127,482.00)		(35,048,550.67)
D. FUND BALANCE						
1. Net Beginning Fund Balance (Form 011, line F1e)		90,211,565.02		69,133,769.90		36,006,287.90
2. Ending Fund Balance (Sum lines C and D1)		69,133,769.90		36,006,287.90		957,737.23
3. Components of Ending Fund Balance (Form 011)						
a. Nonspendable	9710-9719	650,000.00		650,000.00		650,000.00
b. Restricted	9740	1,998,755.78		1,643,224.40		1,274,314.02
c. Committed						
1. Stabilization Arrangements	9750	0.00		0.00		0.00
2. Other Commitments	9760	0.00		0.00		0.00
d. Assigned	9780	27,028,670.71		0.00		0.00
e. Unassigned/Unappropriated						
1. Reserve for Economic Uncertainties	9789	6,865,549.00		6,581,823.00		6,595,526.00
2. Unassigned/Unappropriated	9790	32,590,795.41		27,131,240.50		(7,562,102.79)
f. Total Components of Ending Fund Balance (Line D3eF must agree with line D2)		69,133,770.90		36,006,287.90		957,737.23

Description	Object Codes	Projected Year Totals (Form 011) (A)	% Change (Cols. C-A/A) (B)	2012-13 Projection (C)	% Change (Cols. E-C/C) (D)	2013-14 Projection (E)
E. AVAILABLE RESERVES (Unrestricted except as noted)						
1. General Fund						
a. Stabilization Arrangements	9750	0.00		0.00		0.00
b. Reserve for Economic Uncertainties	9789	6,865,549.00		6,581,823.00		6,595,526.00
c. Unassigned/Unappropriated	9790	32,590,795.41		27,132,341.12		(7,559,901.55)
d. Negative Restricted Ending Balances (Negative resources 2000-9999) (Enter projections)	979Z			0.00		0.00
2. Special Reserve Fund - Noncapital Outlay (Fund 17)						
a. Stabilization Arrangements	9750	0.00		0.00		0.00
b. Reserve for Economic Uncertainties	9789	0.00		0.00		0.00
c. Unassigned/Unappropriated	9790	0.00		0.00		0.00
3. Total Available Reserves - by Amount (Sum lines E1 thru E2b)		39,456,344.41		33,714,164.12		(964,375.55)
4. Total Available Reserves - by Percent (Line E3 divided by Line F3c)		11.49%		10.24%		-0.29%
F. RECOMMENDED RESERVES						
1. Special Education Pass-through Exclusions						
For districts that serve as the administrative unit (AU) of a special education local plan area (SELPA):						
a. Do you choose to exclude from the reserve calculation the pass-through funds distributed to SELPA members?	Yes					
b. If you are the SELPA AU and are excluding special education pass-through funds:						
1. Enter the name(s) of the SELPA(s):						
2. Special education pass-through funds (Column A: Fund 10, resources 3300-3499 and 6500-6540, objects 7211-7213 and 7221-7223; enter projections for subsequent years 1 and 2 in Columns C and E)						
		0.00		0.00		0.00
2. District ADA (Used to determine the reserve standard percentage level on line F3d (Column A: Form AI, Estimated P-2 ADA column, lines 1-4 and 22; enter projections))						
		40,175.00		40,022.00		39,634.00
3. Calculating the Reserves						
a. Expenditures and Other Financing Uses (Line B11)		343,277,448.87		329,091,129.00		329,776,306.00
b. Plus: Special Education Pass-through Funds (Line F1b2, if Line F1a is No)		0.00		0.00		0.00
c. Total Expenditures and Other Financing Uses (Line F3a plus line F3b)		343,277,448.87		329,091,129.00		329,776,306.00
d. Reserve Standard Percentage Level (Refer to Form 01CSI, Criterion 10 for calculation details)		2%		2%		2%
e. Reserve Standard - By Percent (Line F3c times F3d)		6,865,548.98		6,581,822.58		6,595,526.12
f. Reserve Standard - By Amount (Refer to Form 01CSI, Criterion 10 for calculation details)		0.00		0.00		0.00
g. Reserve Standard (Greater of Line F3e or F3f)		6,865,548.98		6,581,822.58		6,595,526.12
h. Available Reserves (Line E3) Meet Reserve Standard (Line F3g)		YES		YES		NO

Description	Principal Appt. Software Data ID	Original Budget	Board Approved Operating Budget	Projected Year Totals
BASE REVENUE LIMIT PER ADA				
1. Base Revenue Limit per ADA (prior year)	0025	6,356.34	6,356.34	6,356.34
2. Inflation Increase	0041	143.00	143.00	143.00
3. All Other Adjustments	0042, 0525, 0719	13.02	13.02	13.02
4. TOTAL, BASE REVENUE LIMIT PER ADA (Sum Lines 1 through 3)	0024	6,512.36	6,512.36	6,512.36
REVENUE LIMIT SUBJECT TO DEFICIT				
5. Total Base Revenue Limit				
a. Base Revenue Limit per ADA (from Line 4)	0024	6,512.36	6,512.36	6,512.36
b. Revenue Limit ADA	0033	40,238.28	40,216.18	40,241.00
c. Total Base Revenue Limit (Line 5a times Line 5b)	0269	262,046,165.14	261,902,241.98	262,063,878.76
6. Allowance for Necessary Small School	0489	0.00	0.00	0.00
7. Gain or Loss from Interdistrict Attendance Agreements	0272	0.00	0.00	0.00
8. Meals for Needy Pupils	0090			
9. Special Revenue Limit Adjustments	0274	0.00	0.00	0.00
10. One-time Equalization Adjustments	0275			
11. Miscellaneous Revenue Limit Adjustments	0276, 0659	0.00	0.00	0.00
12. Less: All Charter District Revenue Limit Adjustment	0217	0.00	0.00	0.00
13. Beginning Teacher Salary Incentive Funding	0552			
14. Less: Class Size Penalties Adjustment	0173	0.00	0.00	0.00
15. REVENUE LIMIT SUBJECT TO DEFICIT (Sum Lines 5c through 11, plus Line 13, minus Lines 12 and 14)	0082	262,046,165.14	261,902,241.98	262,063,878.76
DEFICIT CALCULATION				
16. Deficit Factor	0281	0.80246	0.80246	0.79398
17. TOTAL, DEFICITED REVENUE LIMIT (Line 15 times Line 16)	0284	210,281,565.68	210,166,073.10	208,073,478.46
OTHER REVENUE LIMIT ITEMS				
18. Unemployment Insurance Revenue	0060	3,343,829.32	3,320,173.90	3,334,061.54
19. Less: Longer Day/Year Penalty	0287	0.00	0.00	0.00
20. Less: Excess ROC/P Reserves Adjustment	0288	0.00	0.00	0.00
21. Less: PERS Reduction	0195	882,028.00	555,842.00	555,503.00
22. PERS Safety Adjustment/SFUSD PERS Adjustment	0205, 0654	0.00	0.00	0.00
23. TOTAL, OTHER REVENUE LIMIT ITEMS (Sum Lines 18 and 22, minus Lines 19 through 21)	---	2,461,801.32	2,764,331.90	2,778,558.54
24. TOTAL REVENUE LIMIT (Sum Lines 17 and 23)	0088	212,743,367.00	212,930,405.00	210,852,037.00

Description	Principal Appt. Software Data ID	Original Budget	Board Approved Operating Budget	Projected Year Totals
REVENUE LIMIT - LOCAL SOURCES				
25. Property Taxes	0587	52,342,479.00	51,026,275.00	45,563,316.00
26. Miscellaneous Funds	0588	0.00	0.00	0.00
27. Community Redevelopment Funds	0589	446,660.00	637,670.00	12,334,391.00
28. Less: Charter Schools In-lieu Taxes	0595	245,993.00	191,733.00	164,766.00
29. TOTAL, REVENUE LIMIT - LOCAL SOURCES (Sum Lines 25 through 27, minus Line 28)	0126	52,543,146.00	51,472,212.00	57,732,941.00
30. Charter School General Purpose Block Grant Offset (Unified Districts Only)	0293	0.00	0.00	0.00
31. STATE AID PORTION OF REVENUE LIMIT (Sum Line 24, minus Lines 29 and 30. If negative, then zero)	0111	160,200,221.00	161,458,193.00	153,119,096.00
OTHER ITEMS				
32. Less: County Office Funds Transfer	0458	293,905.00	296,361.00	274,046.00
33. Core Academic Program	9001			
34. California High School Exit Exam	9002			
35. Pupil Promotion and Retention Programs (Retained and Recommended for Retention, and Low STAR and At Risk of Retention)	9016, 9017			
36. Apprenticeship Funding	0570			
37. Community Day School Additional Funding	3103, 9007			
38. Basic Aid "Choice"/Court Ordered Voluntary Pupil Transfer	0634, 0629	0.00	0.00	0.00
39. Basic Aid Supplement Charter School Adjustment	9018	0.00	0.00	0.00
40. All Other Adjustments	---	(10,655,500.00)	(10,476,090.00)	0.00
41. TOTAL, OTHER ITEMS (Sum Lines 33 through 40, minus Line 32)	---	(10,949,405.00)	(10,772,451.00)	(274,046.00)
42. TOTAL, STATE AID PORTION OF REVENUE LIMIT (Sum Lines 31 and 41) (This amount should agree with Object 8011)	---	149,250,816.00	150,685,742.00	152,845,050.00

OTHER NON-REVENUE LIMIT ITEMS				
43. Core Academic Program	9001	445,986.00	445,986.00	445,986.00
44. California High School Exit Exam	9002	1,154,787.00	1,154,787.00	1,154,787.00
45. Pupil Promotion and Retention Programs (Retained and Recommended for Retention, and Low STAR and At Risk of Retention)	9016, 9017	202,607.00	202,607.00	202,607.00
46. Apprenticeship Funding	0570	0.00	0.00	0.00
47. Community Day School Additional Funding	3103, 9007	0.00	0.00	0.00

Fund	Description	Total Revenues	Total Expenditures	Other Financing Sources/Uses	Beginning Fund Balance	Ending Fund Balance
Fund 11	Adult Education Fund	\$4,384,428	\$4,455,642	-\$24,198	\$4,808,959	\$4,713,547
Fund 12	Child Development Fund	\$2,312,371	\$2,311,371	-\$1,000	\$0	\$0
Fund 13	Cafeteria Special Revenue Fund	\$18,510,788	\$17,783,664	-\$727,124	\$5,719,503	\$5,719,503
Fund 14	Deferred Maintenance Fund	\$671,703	\$800,000	\$0	\$665,784	\$537,487
Fund 21	Building Fund	\$160,000	\$37,044,363	\$0	\$54,473,964	\$17,589,601
Fund 25	Capital Facilities Fund	\$563,000	\$386,207	-\$510,601	\$3,789,545	\$3,455,737
Fund 35	County School Facilities Fund	\$22,000	\$3,424,001	\$0	\$3,655,614	\$253,613
Fund 40	Special Reserve Fund for Capital Outlay Projects	\$29,000	\$7,299,874	\$0	\$10,510,753	\$3,239,879
Fund 51	Bond Interest and Redempton Fund	\$908,435	\$6,106,401	\$0	\$8,294,206	\$3,096,240
Fund 56	Debt Service Fund	\$4,000	\$2,210,601	\$2,210,601	\$1,881,209	\$1,885,209
Fund 67	Self-Insurance Fund	\$12,812,981	\$14,354,227	\$1,124,368	\$36,919,537	\$36,502,659
Fund 73	Foundation Private-Purpose Trust Fund	\$700	\$4,784	\$0	\$260,673	\$256,589

Provide methodology and assumptions used to estimate ADA, enrollment, revenues, expenditures, reserves and fund balance, and multiyear commitments (including cost-of-living adjustments).

Deviations from the standards must be explained and may affect the interim certification.

CRITERIA AND STANDARDS

1. CRITERION: Average Daily Attendance

STANDARD: Funded average daily attendance (ADA) for any of the current fiscal year or two subsequent fiscal years has not changed by more than two percent since first interim projections.

District's ADA Standard Percentage Range: -2.0% to +2.0%

1A. Calculating the District's ADA Variances

DATA ENTRY: First Interim data that exist will be extracted; otherwise enter data into the first column for all fiscal years. Second Interim Projected Year Totals data for Current Year are extracted. If Second Interim Form MYPI exists, Projected Year Totals data will be extracted for the two subsequent years; if not, enter data into the second column.

Fiscal Year	Revenue Limit (Funded) ADA		Percent Change	Status
	First Interim Projected Year Totals (Form 01CSI, Item 1A)	Second Interim Projected Year Totals (Form RLI, Line 5b) (Form MYPI, Unrestricted, A1b)		
Current Year (2011-12)	40,216.18	40,241.00	0.1%	Met
1st Subsequent Year (2012-13)	40,359.00	40,241.00	-0.3%	Met
2nd Subsequent Year (2013-14)	40,359.00	40,088.00	-0.7%	Met

1B. Comparison of District ADA to the Standard

DATA ENTRY: Enter an explanation if the standard is not met.

- 1a. STANDARD MET - Funded ADA has not changed since first interim projections by more than two percent in any of the current year or two subsequent fiscal years.

Explanation:
(required if NOT met)

2. CRITERION: Enrollment

STANDARD: Projected enrollment for any of the current fiscal year or two subsequent fiscal years has not changed by more than two percent since first interim projections.

District's Enrollment Standard Percentage Range: -2.0% to +2.0%

2A. Calculating the District's Enrollment Variances

DATA ENTRY: First Interim data that exist will be extracted; otherwise, enter data into the first column for all fiscal years. Enter data in the second column for all fiscal years.

Fiscal Year	Enrollment		Percent Change	Status
	First Interim (Form 01CSI, Item 2A)	Second Interim CBEDS/Projected		
Current Year (2011-12)	42,299	42,299	0.0%	Met
1st Subsequent Year (2012-13)	42,262	42,138	-0.3%	Met
2nd Subsequent Year (2013-14)	41,787	41,729	-0.1%	Met

2B. Comparison of District Enrollment to the Standard

DATA ENTRY: Enter an explanation if the standard is not met.

- 1a. STANDARD MET - Enrollment projections have not changed since first interim projections by more than two percent for the current year and two subsequent fiscal years.

Explanation:
(required if NOT met)

3. CRITERION: ADA to Enrollment

STANDARD: Projected second period (P-2) average daily attendance (ADA) to enrollment ratio for any of the current fiscal year or two subsequent fiscal years has not increased from the historical average ratio from the three prior fiscal years by more than one half of one percent (0.5%).

3A. Calculating the District's ADA to Enrollment Standard

DATA ENTRY: Unaudited Actuals data that exist will be extracted into the P-2 ADA column for the First Prior Year; otherwise, enter First Prior Year data. P-2 ADA for the second and third prior years are preloaded. First Interim data that exist will be extracted into the Enrollment column; otherwise, enter Enrollment data for all fiscal years.

Fiscal Year	P-2 ADA Unaudited Actuals (Form A, Lines 3, 6, and 25)	Enrollment CBEDS Actual (Form 01CSI, Item 3A)	Historical Ratio of ADA to Enrollment
Third Prior Year (2008-09)	40,830	42,976	95.0%
Second Prior Year (2009-10)	40,252	42,344	95.1%
First Prior Year (2010-11)	40,162	42,214	95.1%
	Historical Average Ratio:		95.1%
District's ADA to Enrollment Standard (historical average ratio plus 0.5%):			95.6%

3B. Calculating the District's Projected Ratio of ADA to Enrollment

DATA ENTRY: If Form MYPI exists, Estimated P-2 ADA data for the two subsequent years will be extracted; if not, enter Estimated P-2 ADA data in the first column. All other data are extracted.

Fiscal Year	Estimated P-2 ADA (Form AI, Lines 1-4 and 22) (Form MYPI, Line F2)	Enrollment CBEDS/Projected (Criterion 2, Item 2A)	Ratio of ADA to Enrollment	Status
Current Year (2011-12)	40,175	42,299	95.0%	Met
1st Subsequent Year (2012-13)	40,022	42,138	95.0%	Met
2nd Subsequent Year (2013-14)	39,634	41,729	95.0%	Met

3C. Comparison of District ADA to Enrollment Ratio to the Standard

DATA ENTRY: Enter an explanation if the standard is not met.

- 1a. STANDARD MET - Projected P-2 ADA to enrollment ratio has not exceeded the standard for the current year and two subsequent fiscal years.

Explanation:
(required if NOT met)

4. CRITERION: Revenue Limit

STANDARD: Projected revenue limit for any of the current fiscal year or two subsequent fiscal years has not changed by more than two percent since first interim projections.

District's Revenue Limit Standard Percentage Range: -2.0% to +2.0%

4A. Calculating the District's Projected Change in Revenue Limit

DATA ENTRY: First Interim data that exist will be extracted; otherwise, enter data into the first column. In the Second Interim column, Current Year data are extracted; enter data for the two subsequent years.

Fiscal Year	Revenue Limit (Fund 01, Objects 8011, 8020-8089)		Percent Change	Status
	First Interim (Form 01CSI, Item 4A)	Second Interim Projected Year Totals		
	Current Year (2011-12)	202,349,687.00		
1st Subsequent Year (2012-13)	203,136,574.00	197,797,954.00	-2.6%	Not Met
2nd Subsequent Year (2013-14)	203,171,740.00	197,000,973.00	-3.0%	Not Met

4B. Comparison of District Revenue Limit to the Standard

DATA ENTRY: Enter an explanation if the standard is not met.

- 1a. **STANDARD NOT MET** - Projected revenue limit has changed since first interim projections by more than two percent in any of the current year or two subsequent fiscal years. Provide reasons why the change(s) exceed the standard and a description of the methods and assumptions used in projecting revenue limit.

Explanation:
(required if NOT met)

The current year budget was built on the assumption that the full mid-year triggers would be activated by the governor (\$260 per-ADA). The actual mid-year reduction was \$13 per-ADA and under SB81 an additional \$41 per-ADA. The assumption for the outyears is built on the governor's "Plan B" scenario that the tax initiative fails and LEAs would be exposed to an additional \$370 per-ADA mid-year reduction.

5. CRITERION: Salaries and Benefits

STANDARD: Projected ratio of total unrestricted salaries and benefits to total unrestricted general fund expenditures for any of the current fiscal year or two subsequent fiscal years has not changed from the historical average ratio from the three prior fiscal years by more than the greater of three percent or the district's required reserves percentage.

5A. Calculating the District's Historical Average Ratio of Unrestricted Salaries and Benefits to Total Unrestricted General Fund Expenditures

DATA ENTRY: Unaudited Actuals data that exist for the First Prior Year will be extracted; otherwise, enter data for the First Prior Year. Unaudited Actuals data for the second and third prior years are preloaded.

Fiscal Year	Unaudited Actuals - Unrestricted (Resources 0000-1999)		Ratio of Unrestricted Salaries and Benefits to Total Unrestricted Expenditures
	Salaries and Benefits (Form 01, Objects 1000-3999)	Total Expenditures (Form 01, Objects 1000-7499)	
Third Prior Year (2008-09)	213,612,946.14	234,283,221.09	91.2%
Second Prior Year (2009-10)	190,931,527.81	211,694,838.95	90.2%
First Prior Year (2010-11)	178,020,126.54	198,061,808.06	89.9%
	Historical Average Ratio:		90.4%

	Current Year (2011-12)	1st Subsequent Year (2012-13)	2nd Subsequent Year (2013-14)
District's Reserve Standard Percentage (Criterion 10B, Line 4)	2.0%	2.0%	2.0%
District's Salaries and Benefits Standard (historical average ratio, plus/minus the greater of 3% or the district's reserve standard percentage):	87.4% to 93.4%	87.4% to 93.4%	87.4% to 93.4%

5B. Calculating the District's Projected Ratio of Unrestricted Salaries and Benefits to Total Unrestricted General Fund Expenditures

DATA ENTRY: If Form MYPI exists, Projected Year Totals data for the two subsequent years will be extracted; if not, enter Projected Year Totals data. Projected Year Totals data for Current Year are extracted.

Fiscal Year	Projected Year Totals - Unrestricted (Resources 0000-1999)		Ratio of Unrestricted Salaries and Benefits to Total Unrestricted Expenditures	Status
	Salaries and Benefits (Form 011, Objects 1000-3999) (Form MYPI, Lines B1-B3)	Total Expenditures (Form 011, Objects 1000-7499) (Form MYPI, Lines B1-B8, B10)		
Current Year (2011-12)	194,349,367.42	217,313,933.99	89.4%	Met
1st Subsequent Year (2012-13)	199,554,144.17	220,219,593.00	90.6%	Met
2nd Subsequent Year (2013-14)	199,454,657.17	220,120,105.00	90.6%	Met

5C. Comparison of District Salaries and Benefits Ratio to the Standard

DATA ENTRY: Enter an explanation if the standard is not met.

- 1a. STANDARD MET - Ratio of total unrestricted salaries and benefits to total unrestricted expenditures has met the standard for the current year and two subsequent fiscal years.

Explanation:
(required if NOT met)

6. CRITERION: Other Revenues and Expenditures

STANDARD: Projected operating revenues (including federal, other state and other local) or expenditures (including books and supplies, and services and other operating), for any of the current fiscal year or two subsequent fiscal years, have not changed by more than five percent since first interim projections.

Changes that exceed five percent in any major object category must be explained.

District's Other Revenues and Expenditures Standard Percentage Range:	-5.0% to +5.0%
District's Other Revenues and Expenditures Explanation Percentage Range:	-5.0% to +5.0%

6A. Calculating the District's Change by Major Object Category and Comparison to the Explanation Percentage Range

DATA ENTRY: First Interim data that exist will be extracted; otherwise, enter data into the first column. Second Interim data for the Current Year are extracted. If Second Interim Form MYPI exists, data for the two subsequent years will be extracted; if not, enter data for the two subsequent years into the second column.

Explanations must be entered for each category if the percent change for any year exceeds the district's explanation percentage range.

Object Range / Fiscal Year	First Interim Projected Year Totals (Form 01CSI, Item 6A)	Second Interim Projected Year Totals (Fund 01) (Form MYPI)	Percent Change	Change Is Outside Explanation Range
Federal Revenue (Fund 01, Objects 8100-8299) (Form MYPI, Line A2)				
Current Year (2011-12)	35,673,848.27	36,131,869.18	1.3%	No
1st Subsequent Year (2012-13)	24,288,802.00	24,746,823.00	1.9%	No
2nd Subsequent Year (2013-14)	24,288,802.00	24,746,823.00	1.9%	No

Explanation:
(required if Yes)

Other State Revenue (Fund 01, Objects 8300-8599) (Form MYPI, Line A3)				
Current Year (2011-12)	68,465,907.22	69,247,337.22	1.1%	No
1st Subsequent Year (2012-13)	68,046,347.00	66,935,366.00	-1.6%	No
2nd Subsequent Year (2013-14)	68,046,347.00	66,935,366.00	-1.6%	No

Explanation:
(required if Yes)

Other Local Revenue (Fund 01, Objects 8600-8799) (Form MYPI, Line A4)				
Current Year (2011-12)	4,428,117.93	4,860,417.35	9.8%	Yes
1st Subsequent Year (2012-13)	4,579,698.00	5,011,997.00	9.4%	Yes
2nd Subsequent Year (2013-14)	4,579,698.00	5,011,997.00	9.4%	Yes

Explanation:
(required if Yes)

Other local revenue includes federal E-Rate technology reimbursements. Budgets are adjusted for E-Rate projects based on final FCC/SLD approvals as the year progresses. In the current year we are acknowledging an additional \$231,000 of E-Rate reimbursements and for 2012-13, recognizing and additional \$420,000 of reimbursements based on FCC/SLD filings we have already submitted.

Books and Supplies (Fund 01, Objects 4000-4999) (Form MYPI, Line B4)				
Current Year (2011-12)	29,027,762.08	30,701,661.96	5.8%	Yes
1st Subsequent Year (2012-13)	15,164,607.00	17,840,165.00	17.6%	Yes
2nd Subsequent Year (2013-14)	15,164,607.00	17,840,165.00	17.6%	Yes

Explanation:
(required if Yes)

Changes reflect "true-up" of categorical and local restricted revenue projections adopted at First Interim to appropriation notices and one-time federal, state and local funding.

Services and Other Operating Expenditures (Fund 01, Objects 5000-5999) (Form MYPI, Line B5)				
Current Year (2011-12)	43,295,490.18	42,562,747.63	-1.7%	No
1st Subsequent Year (2012-13)	40,412,763.00	39,580,758.00	-2.1%	No
2nd Subsequent Year (2013-14)	40,412,763.00	39,580,758.00	-2.1%	No

Explanation:
(required if Yes)

6B. Calculating the District's Change in Total Operating Revenues and Expenditures

DATA ENTRY: All data are extracted or calculated.

Object Range / Fiscal Year	First Interim Projected Year Totals	Second Interim Projected Year Totals	Percent Change	Status
Total Federal, Other State, and Other Local Revenue (Section 6A)				
Current Year (2011-12)	108,567,873.42	110,239,623.75	1.5%	Met
1st Subsequent Year (2012-13)	96,914,847.00	96,694,186.00	-0.2%	Met
2nd Subsequent Year (2013-14)	96,914,847.00	96,694,186.00	-0.2%	Met
Total Books and Supplies, and Services and Other Operating Expenditures (Section 6A)				
Current Year (2011-12)	72,323,252.26	73,264,409.59	1.3%	Met
1st Subsequent Year (2012-13)	55,577,370.00	57,420,923.00	3.3%	Met
2nd Subsequent Year (2013-14)	55,577,370.00	57,420,923.00	3.3%	Met

6C. Comparison of District Total Operating Revenues and Expenditures to the Standard Percentage Range

DATA ENTRY: Explanations are linked from Section 6A if the status in Section 6B is Not Met; no entry is allowed below.

- 1a. STANDARD MET - Projected total operating revenues have not changed since first interim projections by more than the standard for the current year and two subsequent fiscal years.

Explanation:

Federal Revenue
(linked from 6A
if NOT met)

Explanation:

Other State Revenue
(linked from 6A
if NOT met)

Explanation:

Other Local Revenue
(linked from 6A
if NOT met)

- 1b. STANDARD MET - Projected total operating expenditures have not changed since first interim projections by more than the standard for the current year and two subsequent fiscal years.

Explanation:

Books and Supplies
(linked from 6A
if NOT met)

Explanation:

Services and Other Exps
(linked from 6A
if NOT met)

7. CRITERION: Facilities Maintenance

STANDARD: Identify changes that have occurred since first interim projections in the projected contributions for facilities maintenance funding as required pursuant to Education Code sections 17584 (Deferred Maintenance) and 17070.75 (Ongoing and Major Maintenance Account).

7A. Determining the District's Compliance with the Contribution Requirement for EC Section 17584 - Deferred Maintenance

NOTE: SBX3 4 (Chapter 12, Statutes of 2009), as amended by SB 70 (Chapter 7, Statutes of 2011), eliminates the local match requirement for Deferred Maintenance from 2008-09 through 2014-15. Therefore, this section has been inactivated for that period.

7B. Determining the District's Compliance with the Contribution Requirement for EC Section 17070.75 as modified by Section 17070.766 and amended by SB 70 (Chapter 7, Statutes of 2011), effective 2008-09 through 2014-15 - Ongoing and Major Maintenance/Restricted Maintenance Account (OMMA/RMA)

NOTE: SB 70 (Chapter 7, Statutes of 2011) extends EC Section 17070.766 from 2008-09 through 2014-15. EC Section 17070.766 reduced the contributions required by EC Section 17070.75 from 3 percent to 1 percent. Therefore, the calculation in this section has been revised accordingly for that period.

DATA ENTRY: Budget Adoption and First Interim data that exist will be extracted; otherwise, enter Budget Adoption and First Interim data into lines 1 and 2 as applicable. All other data are extracted.

	Budget Adoption 1% Required Minimum Contribution (Form 01CSI, Item 7B1)	Second Interim Contribution Projected Year Totals (Fund 01, Resource 8150, Objects 8900-8999)	Status
1. OMMA/RMA Contribution	3,169,659.36	8,076,018.00	Met
2. First Interim Contribution (information only) (Form 01CSI, First Interim, Criterion 7B, Line 1)		8,076,018.00	

If status is not met, enter an X in the box that best describes why the minimum required contribution was not made

- Not applicable (district does not participate in the Leroy F. Green School Facilities Act of 1998)
- Exempt (due to district's small size [EC Section 17070.75 (b)(2)(D)])
- Other (explanation must be provided)

Explanation:
(required if NOT met
and Other is marked)

8. CRITERION: Deficit Spending

STANDARD: Unrestricted deficit spending (total unrestricted expenditures and other financing uses is greater than total unrestricted revenues and other financing sources) as a percentage of total unrestricted expenditures and other financing uses, has not exceeded one-third of the district's available reserves¹ as a percentage of total expenditures and other financing uses² in any of the current fiscal year or two subsequent fiscal years.

¹Available reserves are the unrestricted amounts in the Reserve for Economic Uncertainties and the Unassigned/Unappropriated accounts in the General Fund and the Special Reserve Fund for Other Than Capital Outlay Projects. Available reserves will be reduced by any negative ending balances in restricted resources in the General Fund.

²A school district that is the Administrative Unit of a Special Education Local Plan Area (SELPA) may exclude from its expenditures the distribution of funds to its participating members.

8A. Calculating the District's Deficit Spending Standard Percentage Levels

DATA ENTRY: All data are extracted or calculated.

	Current Year (2011-12)	1st Subsequent Year (2012-13)	2nd Subsequent Year (2013-14)
District's Available Reserve Percentages (Criterion 10C, Line 9)	11.5%	10.2%	-0.3%
District's Deficit Spending Standard Percentage Levels (one-third of available reserve percentage):	3.8%	3.4%	-0.1%

8B. Calculating the District's Deficit Spending Percentages

DATA ENTRY: Current Year data are extracted. If Form MYPI exists, data for the two subsequent years will be extracted; if not, enter data for the two subsequent years into the first and second columns.

Fiscal Year	Projected Year Totals			Deficit Spending Level (If Net Change in Unrestricted Fund Balance is negative, else N/A)	Status
	Net Change in Unrestricted Fund Balance (Form 011, Section E) (Form MYPI, Line C)	Total Unrestricted Expenditures and Other Financing Uses (Form 011, Objects 1000-7999) (Form MYPI, Line B11)			
Current Year (2011-12)	(13,650,344.91)	220,138,301.99		6.2%	Not Met
1st Subsequent Year (2012-13)	(32,770,850.00)	222,634,961.00		14.7%	Not Met
2nd Subsequent Year (2013-14)	(34,678,539.67)	222,535,473.00		15.6%	Not Met

8C. Comparison of District Deficit Spending to the Standard

DATA ENTRY: Enter an explanation if the standard is not met.

- 1a. STANDARD NOT MET - Unrestricted deficit spending has exceeded the standard percentage level in any of the current year or two subsequent fiscal years. Provide reasons for the deficit spending, a description of the methods and assumptions used in balancing the unrestricted budget, and what changes will be made to ensure that the budget deficits are eliminated or are balanced within the standard.

Explanation:
(required if NOT met)

The use of one-time reserves as solutions to the on-going impact of current state projections of the continued effects of the economic decline, state budget deficits and altered timing, treatment and amounts of state appropriations are driving the deficit spending levels. Out year expenditures are impacted by the sunseting of furlough days on June 30, 2012, recent negotiations for health and welfare contribution changes and the impacts of the governor's proposed budget "Plan B" scenario.

9. CRITERION: Fund and Cash Balances

A. FUND BALANCE STANDARD: Projected general fund balance will be positive at the end of the current fiscal year and two subsequent fiscal years.

9A-1. Determining if the District's General Fund Ending Balance is Positive

DATA ENTRY: Current Year data are extracted. If Form MYPI exists, data for the two subsequent years will be extracted; if not, enter data for the two subsequent years.

Fiscal Year	Ending Fund Balance General Fund Projected Year Totals (Form 011, Line F2.) (Form MYPI, Line D2)	Status
Current Year (2011-12)	69,133,770.90	Met
1st Subsequent Year (2012-13)	36,006,287.90	Met
2nd Subsequent Year (2013-14)	957,737.23	Met

9A-2. Comparison of the District's Ending Fund Balance to the Standard

DATA ENTRY: Enter an explanation if the standard is not met.

1a. STANDARD MET - Projected general fund ending balance is positive for the current fiscal year and two subsequent fiscal years.

Explanation:
(required if NOT met)

B. CASH BALANCE STANDARD: Projected general fund cash balance will be positive at the end of the current fiscal year.

9B-1. Determining if the District's Ending Cash Balance is Positive

DATA ENTRY: If Form CASH exists, data will be extracted; if not, data must be entered below.

Fiscal Year	Ending Cash Balance General Fund (Form CASH, Line F, June Column)	Status
Current Year (2011-12)	18,430,106.00	Met

9B-2. Comparison of the District's Ending Cash Balance to the Standard

DATA ENTRY: Enter an explanation if the standard is not met.

1a. STANDARD MET - Projected general fund cash balance will be positive at the end of the current fiscal year.

Explanation:
(required if NOT met)

10. CRITERION: Reserves

STANDARD: Available reserves¹ for any of the current fiscal year or two subsequent fiscal years are not less than the following percentages or amounts² as applied to total expenditures and other financing uses³:

Percentage Level	District ADA		
5% or \$60,000 (greater of)	0	to	300
4% or \$60,000 (greater of)	301	to	1,000
3%	1,001	to	30,000
2%	30,001	to	400,000
1%	400,001	and	over

¹ Available reserves are the unrestricted amounts in the Reserve for Economic Uncertainties and the Unassigned/Unappropriated accounts in the General Fund and Special Reserve Fund for Other Than Capital Outlay Projects. Available reserves will be reduced by any negative ending balances in restricted resources in the General Fund.

² Dollar amounts to be adjusted annually by the prior year statutory cost-of-living adjustment (Education Code Section 42238), rounded to the nearest thousand.

³ A school district that is the Administrative Unit (AU) of a Special Education Local Plan Area (SELPA) may exclude from its expenditures the distribution of funds to its participating members.

	Current Year (2011-12)	1st Subsequent Year (2012-13)	2nd Subsequent Year (2013-14)
District Estimated P-2 ADA (Criterion 3, Item 3B)	40,175	40,022	39,634
District's Reserve Standard Percentage Level:	2%	2%	2%

10A. Calculating the District's Special Education Pass-through Exclusions (only for districts that serve as the AU of a SELPA)

DATA ENTRY: For SELPA AUs, if Form MYPI exists, all data will be extracted including the Yes/No button selection. If not, click the appropriate Yes or No button for item 1 and, if Yes, enter data for item 2a and for the two subsequent years in item 2b; Current Year data are extracted.

For districts that serve as the AU of a SELPA (Form MYPI, Lines F1a, F1b1, and F1b2):

1. Do you choose to exclude from the reserve calculation the pass-through funds distributed to SELPA members?
2. If you are the SELPA AU and are excluding special education pass-through funds:
 - a. Enter the name(s) of the SELPA(s): _____

- b. Special Education Pass-through Funds
(Fund 10, resources 3300-3499 and 6500-6540,
objects 7211-7213 and 7221-7223)

	Current Year Projected Year Totals (2011-12)	1st Subsequent Year (2012-13)	2nd Subsequent Year (2013-14)
	0.00	0.00	0.00

10B. Calculating the District's Reserve Standard

DATA ENTRY: If Form MYPI exists, all data will be extracted or calculated. If not, enter data for line 1 for the two subsequent years; Current Year data are extracted.

	Current Year Projected Year Totals (2011-12)	1st Subsequent Year (2012-13)	2nd Subsequent Year (2013-14)
1. Expenditures and Other Financing Uses (Form 011, objects 1000-7999) (Form MYPI, Line B11)	343,277,448.87	329,091,129.00	329,776,306.00
2. Plus: Special Education Pass-through (Criterion 10A, Line 2b, if Criterion 10A, Line 1 is No)			
3. Total Expenditures and Other Financing Uses (Line B1 plus Line B2)	343,277,448.87	329,091,129.00	329,776,306.00
4. Reserve Standard Percentage Level	2%	2%	2%
5. Reserve Standard - by Percent (Line B3 times Line B4)	6,865,548.98	6,581,822.58	6,595,526.12
6. Reserve Standard - by Amount (\$60,000 for districts with less than 1,001 ADA, else 0)	0.00	0.00	0.00
7. District's Reserve Standard (Greater of Line B5 or Line B6)	6,865,548.98	6,581,822.58	6,595,526.12

10C. Calculating the District's Available Reserve Amount

DATA ENTRY: All data are extracted from fund data and Form MYPI. If Form MYPI does not exist, enter data for the two subsequent years. If Fund 17 does not exist, enter data for the current and two subsequent years, as appropriate.

Reserve Amounts (Unrestricted resources 0000-1999 except Line 4)	Current Year Projected Year Totals (2011-12)	1st Subsequent Year (2012-13)	2nd Subsequent Year (2013-14)
1. General Fund - Stabilization Arrangements (Fund 01, Object 9750) (Form MYPI, Line E1a)	0.00		
2. General Fund - Reserve for Economic Uncertainties (Fund 01, Object 9789) (Form MYPI, Line E1b)	6,865,549.00	6,581,823.00	6,595,526.00
3. General Fund - Unassigned/Unappropriated Amount (Fund 01, Object 9790) (Form MYPI, Line E1c)	32,590,795.41	27,132,341.12	(7,559,901.55)
4. General Fund - Negative Ending Balances in Restricted Resources (Fund 01, Object 979Z, if negative, for each of resources 2000-9999) (Form MYPI, Line E1d)	0.00	0.00	0.00
5. Special Reserve Fund - Stabilization Arrangements (Fund 17, Object 9750) (Form MYPI, Line E2a)	0.00		
6. Special Reserve Fund - Reserve for Economic Uncertainties (Fund 17, Object 9789) (Form MYPI, Line E2b)	0.00		
7. Special Reserve Fund - Unassigned/Unappropriated Amount (Fund 17, Object 9790) (Form MYPI, Line E2c)	0.00		
8. District's Available Reserve Amount (Lines C1 thru C7)	39,456,344.41	33,714,164.12	(964,375.55)
9. District's Available Reserve Percentage (Information only) (Line 8 divided by Section 10B, Line 3)	11.49%	10.24%	-0.29%
District's Reserve Standard (Section 10B, Line 7):	6,865,548.98	6,581,822.58	6,595,526.12
Status:	Met	Met	Not Met

10D. Comparison of District Reserve Amount to the Standard

DATA ENTRY: Enter an explanation if the standard is not met.

- 1a. STANDARD NOT MET - Available reserves are below the standard in one or more of the current year or two subsequent fiscal years. Provide reasons for reserves falling below the standard and what plans and actions are anticipated to increase reserves to, or above, the standard.

Explanation:
(required if NOT met)

The use of one-time reserves as solutions to the on-going impact of current state projections of the continued effects of the economic decline, state budget deficits and altered timing, treatment and amounts of state appropriations are driving the deficit spending levels. Out year expenditures are impacted by the sunseting of furlough days on June 30, 2012, recent negotiations for health and welfare contribution changes and the impacts of the governor's proposed budget "Plan B" scenario.

SUPPLEMENTAL INFORMATION

DATA ENTRY: Click the appropriate Yes or No button for items S1 through S4. Enter an explanation for each Yes answer

S1. Contingent Liabilities

1a. Does your district have any known or contingent liabilities (e.g., financial or program audits, litigation, state compliance reviews) that have occurred since first interim projections that may impact the budget?

1b. If Yes, identify the liabilities and how they may impact the budget:

S2. Use of One-time Revenues for Ongoing Expenditures

1a. Does your district have ongoing general fund expenditures funded with one-time revenues that have changed since first interim projections by more than five percent?

1b. If Yes, identify the expenditures and explain how the one-time resources will be replaced to continue funding the ongoing expenditures in the following fiscal years:

S3. Temporary Interfund Borrowings

1a. Does your district have projected temporary borrowings between funds?
(Refer to Education Code Section 42603)

1b. If Yes, identify the interfund borrowings:

Fund 12-Child Development has incurred interfund borrowing from the General Fund. All revenues for this fund are reimbursement based creating a cash flow timing problem. Fund 13-Nutrition Services may incur interfund borrowing as a significant percentage of its revenues are reimbursement based. The general fund may require interfund borrowing to support its cash needs in the 4Q of the fiscal year due to the impact of state cash deferrals. Resources to meet the general fund cash needs exist in Fund 21-Building Fund and 67-Self Insurance Fund.

S4. Contingent Revenues

1a. Does your district have projected revenues for the current fiscal year or either of the two subsequent fiscal years contingent on reauthorization by the local government, special legislation, or other definitive act (e.g., parcel taxes, forest reserves)?

1b. If Yes, identify any of these revenues that are dedicated for ongoing expenses and explain how the revenues will be replaced or expenditures reduced

S5. Contributions

Identify projected contributions from unrestricted resources in the general fund to restricted resources in the general fund for the current fiscal year and two subsequent fiscal years. Provide an explanation if contributions have changed by more than \$20,000 and more than five percent since first interim projections.

Identify projected transfers to or from the general fund to cover operating deficits in either the general fund or any other fund for the current fiscal year and two subsequent fiscal years. Provide an explanation if transfers have changed by more than \$20,000 and more than five percent since first interim projections.

Identify capital project cost overruns that have occurred since first interim projections that may impact the general fund budget.

District's Contributions and Transfers Standard: -5.0% to +5.0%
or -\$20,000 to +\$20,000

S5A. Identification of the District's Projected Contributions, Transfers, and Capital Projects that may Impact the General Fund

DATA ENTRY: First Interim data that exist will be extracted; otherwise, enter data into the first column. Enter data into the second column, except for Current Year Contributions, which are extracted.

Description / Fiscal Year	First Interim (Form 01CSI, Item S5A)	Second Interim Projected Year Totals	Percent Change	Amount of Change	Status
1a. Contributions, Unrestricted General Fund (Fund 01, Resources 0000-1999, Object 8980)					
Current Year (2011-12)	(32,357,620.00)	(33,016,179.32)	2.0%	658,559.32	Met
1st Subsequent Year (2012-13)	(34,129,364.00)	(36,764,508.00)	7.7%	2,635,144.00	Not Met
2nd Subsequent Year (2013-14)	(34,999,672.00)	(37,635,611.00)	7.5%	2,635,939.00	Not Met
1b. Transfers In, General Fund *					
Current Year (2011-12)	728,124.00	826,536.00	13.5%	98,412.00	Not Met
1st Subsequent Year (2012-13)	618,543.00	716,955.00	15.9%	98,412.00	Not Met
2nd Subsequent Year (2013-14)	279,900.00	378,402.00	35.2%	98,502.00	Not Met
1c. Transfers Out, General Fund *					
Current Year (2011-12)	2,824,368.00	2,824,368.00	0.0%	0.00	Met
1st Subsequent Year (2012-13)	2,415,368.00	2,415,368.00	0.0%	0.00	Met
2nd Subsequent Year (2013-14)	2,415,368.00	2,415,368.00	0.0%	0.00	Met

1d. Capital Project Cost Overruns

Have capital project cost overruns occurred since first interim projections that may impact the general fund operational budget?

No

* Include transfers used to cover operating deficits in either the general fund or any other fund.

S5B. Status of the District's Projected Contributions, Transfers, and Capital Projects

DATA ENTRY: Enter an explanation if Not Met for items 1a-1c or if Yes for Item 1d.

1a. NOT MET - The projected contributions from the unrestricted general fund to restricted general fund programs have changed since first interim projections by more than the standard for any of the current year or subsequent two fiscal years. Identify restricted programs and contribution amount for each program and whether contributions are ongoing or one-time in nature. Explain the district's plan, with timeframes, for reducing or eliminating the contribution.

Explanation:
(required if NOT met)

Changes in the outyears reflect increased contribution (encroachment) resulting from the on-going reduction to pupil transportation, and impacts of step and column and expiration of furlough days on Special Education.

1b. NOT MET - The projected transfers in to the general fund have changed since first interim projections by more than the standard for any of the current year or subsequent two fiscal years. Identify the amounts transferred, by fund, and whether transfers are ongoing or one-time in nature. If ongoing, explain the district's plan, with timeframes, for reducing or eliminating the transfers.

Explanation:
(required if NOT met)

Transfers In reflect an unscheduled increase in the amount of Tier III flexibility support being provided by Adult Ed to the General Fund. This is a one-time increase.

1c. MET - Projected transfers out have not changed since first interim projections by more than the standard for the current year and two subsequent fiscal years.

Explanation:
(required if NOT met)

--

1d. NO - There have been no capital project cost overruns occurring since first interim projections that may impact the general fund operational budget.

Project Information:
(required if YES)

S6. Long-term Commitments

Identify all existing and new multiyear commitments¹ and their annual required payment for the current fiscal year and two subsequent fiscal years.

Explain how any increase in annual payments will be funded. Also, explain how any decrease to funding sources used to pay long-term commitments will be replaced.

¹ Include multiyear commitments, multiyear debt agreements, and new programs or contracts that result in long-term obligations.

S6A. Identification of the District's Long-term Commitments

DATA ENTRY: If First Interim data exist (Form 01CSI, Item S6A), long-term commitment data will be extracted and it will only be necessary to click the appropriate button for Item 1b. Extracted data may be overwritten to update long-term commitment data in Item 2, as applicable. If no First Interim data exist, click the appropriate buttons for items 1a and 1b, and enter all other data, as applicable.

1. a. Does your district have long-term (multiyear) commitments?
(If No, skip items 1b and 2 and sections S6B and S6C)
- b. If Yes to Item 1a, have new long-term (multiyear) commitments been incurred since first interim projections?
2. If Yes to Item 1a, list (or update) all new and existing multiyear commitments and required annual debt service amounts. Do not include long-term commitments for postemployment benefits other than pensions (OPEB); OPEB is disclosed in Item S7A.

Type of Commitment	# of Years Remaining	SACS Fund and Object Codes Used For:		Principal Balance as of July 1, 2011
		Funding Sources (Revenues)	Debt Service (Expenditures)	
Capital Leases				
Certificates of Participation	17	FD 25-MITIGATION FEES, GF-RESERVES	FD 56- OBJECT 7438, 7439 PRINCIPAL, INTEREST	14,810,000
General Obligation Bonds				
Supp Early Retirement Program				
State School Building Loans				
Compensated Absences				

Other Long-term Commitments (do not include OPEB):

Type of Commitment	# of Years Remaining	Funding Sources (Revenues)	Debt Service (Expenditures)	Principal Balance as of July 1, 2011

Type of Commitment (continued)	Prior Year (2010-11)	Current Year (2011-12)	1st Subsequent Year (2012-13)	2nd Subsequent Year (2013-14)
	Annual Payment (P & I)	Annual Payment (P & I)	Annual Payment (P & I)	Annual Payment (P & I)
Capital Leases				
Certificates of Participation	2,210,591	2,210,601	1,290,334	1,291,234
General Obligation Bonds				
Supp Early Retirement Program				
State School Building Loans				
Compensated Absences				

Other Long-term Commitments (continued):

Type of Commitment	Prior Year (2010-11)	Current Year (2011-12)	1st Subsequent Year (2012-13)	2nd Subsequent Year (2013-14)
Annual Payment (P & I)	Annual Payment (P & I)	Annual Payment (P & I)	Annual Payment (P & I)	Annual Payment (P & I)

Total Annual Payments:	2,210,591	2,210,601	1,290,334	1,291,234
Has total annual payment increased over prior year (2010-11)?	Yes	No	No	No

S6B. Comparison of the District's Annual Payments to Prior Year Annual Payment

DATA ENTRY: Enter an explanation if Yes.

- 1a. Yes - Annual payments for long-term commitments have increased in one or more of the current or two subsequent fiscal years. Explain how the increase in annual payments will be funded.

Explanation:
(Required if Yes
to increase in total
annual payments)

The \$10 increase will be funded with accumulated interest held in reserve in Fund 56-Debt Service.

S6C. Identification of Decreases to Funding Sources Used to Pay Long-term Commitments

DATA ENTRY: Click the appropriate Yes or No button in Item 1; if Yes, an explanation is required in Item 2.

1. Will funding sources used to pay long-term commitments decrease or expire prior to the end of the commitment period, or are they one-time sources?

Yes

2. Yes - Funding sources will decrease or expire prior to the end of the commitment period, or one-time funding sources are being used for long-term commitment annual payments. Provide an explanation for how those funds will be replaced to continue annual debt service commitments.

Explanation:
(Required if Yes)

Debt service is only partially supported by Fund 25 due to lower levels of developer mitigation fees. This source of revenue for debt service may be insufficient to support on-going debt service commitments related to Certificates of Participation. As such, there is a need to contribute to the Debt Service Fund by the General Fund for the current and out years.

S7. Unfunded Liabilities

Identify any changes in estimates for unfunded liabilities since first interim projections, and indicate whether the changes are the result of a new actuarial valuation.

S7A. Identification of the District's Estimated Unfunded Liability for Postemployment Benefits Other Than Pensions (OPEB)

DATA ENTRY: Click the appropriate button(s) for items 1a-1c, as applicable. First Interim data that exist (Form 01CSI, Item S7A) will be extracted; otherwise, enter First Interim and Second Interim data in items 2-4.

1. a. Does your district provide postemployment benefits other than pensions (OPEB)? (If No, skip items 1b-4)

Yes

b. If Yes to Item 1a, have there been changes since first interim in OPEB liabilities?

No

c. If Yes to Item 1a, have there been changes since first interim in OPEB contributions?

No

2. OPEB Liabilities

	First Interim (Form 01CSI, Item S7A)	Second Interim
a. OPEB actuarial accrued liability (AAL)	58,908,522.00	58,908,522.00
b. OPEB unfunded actuarial accrued liability (UAAL)	58,908,522.00	58,908,522.00
c. Are AAL and UAAL based on the district's estimate or an actuarial valuation?	Actuarial	Actuarial
d. If based on an actuarial valuation, indicate the date of the OPEB valuation.	Jul 12, 2010	Jul 12, 2010

3. OPEB Contributions

	First Interim (Form 01CSI, Item S7A)	Second Interim
a. OPEB annual required contribution (ARC) per actuarial valuation or Alternative Measurement Method		
Current Year (2011-12)	4,253,006.00	4,253,066.00
1st Subsequent Year (2012-13)	4,253,006.00	4,253,066.00
2nd Subsequent Year (2013-14)	4,253,006.00	4,253,066.00
b. OPEB amount contributed (for this purpose, include premiums paid to a self-insurance fund) (Funds 01-70, objects 3701-3752)		
Current Year (2011-12)	1,229,047.97	1,231,944.12
1st Subsequent Year (2012-13)	1,229,048.00	1,231,944.00
2nd Subsequent Year (2013-14)	1,229,048.00	1,231,944.00
c. Cost of OPEB benefits (equivalent of "pay-as-you-go" amount)		
Current Year (2011-12)	1,567,009.00	1,567,009.00
1st Subsequent Year (2012-13)	1,630,914.00	1,630,914.00
2nd Subsequent Year (2013-14)	1,711,155.00	1,711,155.00
d. Number of retirees receiving OPEB benefits		
Current Year (2011-12)	324	324
1st Subsequent Year (2012-13)	324	324
2nd Subsequent Year (2013-14)	324	324

4. Comments:

S7B. Identification of the District's Unfunded Liability for Self-insurance Programs

DATA ENTRY: Click the appropriate button(s) for items 1a-1c, as applicable. First Interim data that exist (Form 01CSI, Item S7B) will be extracted; otherwise, enter First Interim and Second Interim data in items 2-4.

1. a. Does your district operate any self-insurance programs such as workers' compensation, employee health and welfare, or property and liability? (Do not include OPEB; which is covered in Section S7A) (If No, skip items 1b-4)

Yes

- b. If Yes to item 1a, have there been changes since first interim in self-insurance liabilities?

No

- c. If Yes to item 1a, have there been changes since first interim in self-insurance contributions?

No

2. Self-Insurance Liabilities

- a. Accrued liability for self-insurance programs
b. Unfunded liability for self-insurance programs

	First Interim (Form 01CSI, Item S7B)	Second Interim
a.	9,168,274.00	9,168,274.00
b.	0.00	0.00

3. Self-Insurance Contributions

- a. Required contribution (funding) for self-insurance programs
 Current Year (2011-12)
 1st Subsequent Year (2012-13)
 2nd Subsequent Year (2013-14)
- b. Amount contributed (funded) for self-insurance programs
 Current Year (2011-12)
 1st Subsequent Year (2012-13)
 2nd Subsequent Year (2013-14)

	First Interim (Form 01CSI, Item S7B)	Second Interim
a.	34,074,049.00	34,111,399.00
	34,074,049.00	34,111,399.00
	33,400,361.00	33,437,711.00
b.	34,074,049.00	34,111,399.00
	34,074,049.00	34,111,399.00
	33,400,361.00	33,437,711.00

4. Comments:

--

S8. Status of Labor Agreements

Analyze the status of employee labor agreements. Identify new labor agreements that have been ratified since first interim projections, as well as new commitments provided as part of previously ratified multiyear agreements; and include all contracts, including all administrator contracts (and including all compensation). For new agreements, indicate the date of the required board meeting. Compare the increase in new commitments to the projected increase in ongoing revenues and explain how these commitments will be funded in future fiscal years.

If salary and benefit negotiations are not finalized, upon settlement with certificated or classified staff:

The school district must determine the cost of the settlement, including salaries, benefits, and any other agreements that change costs, and provide the county office of education (COE) with an analysis of the cost of the settlement and its impact on the operating budget.

The county superintendent shall review the analysis relative to the criteria and standards and may provide written comments to the president of the district governing board and superintendent.

S8A. Cost Analysis of District's Labor Agreements - Certificated (Non-management) Employees

DATA ENTRY: Click the appropriate Yes or No button for "Status of Certificated Labor Agreements as of the Previous Reporting Period." If Yes, nothing further is needed for section S8A. If No, enter data, as applicable, in the remainder of section S8A; there are no extractions in this section.

Status of Certificated Labor Agreements as of the Previous Reporting Period

Were all certificated labor negotiations settled as of first interim projections?

If Yes, skip to section S8B.

If No, continue with section S8A.

Certificated (Non-management) Salary and Benefit Negotiations

	Prior Year (2nd Interim) (2010-11)	Current Year (2011-12)	1st Subsequent Year (2012-13)	2nd Subsequent Year (2013-14)
Number of certificated (non-management) full-time-equivalent (FTE) positions	1,902.1	1,915.0	1,909.0	1,895.0

1a. Have any salary and benefit negotiations been settled since first interim projections?

If Yes, and the corresponding public disclosure documents have been filed with the COE, complete questions 2 and 3.

If Yes, and the corresponding public disclosure documents have not been filed with the COE, complete questions 2-5.

If No, complete questions 6 and 7.

1b. Are any salary and benefit negotiations still unsettled?

If Yes, complete questions 6 and 7.

Negotiations Settled Since First Interim Projections

2a. Per Government Code Section 3547.5(a), date of public disclosure board meeting:

2b. Per Government Code Section 3547.5(b), was the collective bargaining agreement certified by the district superintendent and chief business official?

If Yes, date of Superintendent and CBO certification:

3. Per Government Code Section 3547.5(c), was a budget revision adopted to meet the costs of the collective bargaining agreement?

If Yes, date of budget revision board adoption:

4. Period covered by the agreement:

Begin Date:

End Date:

5. Salary settlement:

Current Year
(2011-12)

1st Subsequent Year
(2012-13)

2nd Subsequent Year
(2013-14)

Is the cost of salary settlement included in the interim and multiyear projections (MYPs)?

<input type="text"/>	<input type="text"/>	<input type="text"/>
----------------------	----------------------	----------------------

One Year Agreement

Total cost of salary settlement

<input type="text"/>	<input type="text"/>	<input type="text"/>
----------------------	----------------------	----------------------

% change in salary schedule from prior year
or

<input type="text"/>

Multiyear Agreement

Total cost of salary settlement

<input type="text"/>	<input type="text"/>	<input type="text"/>
----------------------	----------------------	----------------------

% change in salary schedule from prior year
(may enter text, such as "Reopener")

<input type="text"/>	<input type="text"/>	<input type="text"/>
----------------------	----------------------	----------------------

Identify the source of funding that will be used to support multiyear salary commitments:

Negotiations Not Settled

6. Cost of a one percent increase in salary and statutory benefits

--

Current Year
(2011-12)

1st Subsequent Year
(2012-13)

2nd Subsequent Year
(2013-14)

7. Amount included for any tentative salary schedule increases

--	--	--

Certificated (Non-management) Health and Welfare (H&W) Benefits

- Are costs of H&W benefit changes included in the interim and MYPs?
- Total cost of H&W benefits
- Percent of H&W cost paid by employer
- Percent projected change in H&W cost over prior year

Current Year (2011-12)	1st Subsequent Year (2012-13)	2nd Subsequent Year (2013-14)

Certificated (Non-management) Prior Year Settlements Negotiated Since First Interim Projections

Are any new costs negotiated since first interim projections for prior year settlements included in the interim?

If Yes, amount of new costs included in the interim and MYPs
If Yes, explain the nature of the new costs:

--

Certificated (Non-management) Step and Column Adjustments

- Are step & column adjustments included in the interim and MYPs?
- Cost of step & column adjustments
- Percent change in step & column over prior year

Current Year (2011-12)	1st Subsequent Year (2012-13)	2nd Subsequent Year (2013-14)

Certificated (Non-management) Attrition (layoffs and retirements)

- Are savings from attrition included in the budget and MYPs?
- Are additional H&W benefits for those laid-off or retired employees included in the interim and MYPs?

Current Year (2011-12)	1st Subsequent Year (2012-13)	2nd Subsequent Year (2013-14)

Certificated (Non-management) - Other

List other significant contract changes that have occurred since first interim projections and the cost impact of each change (i.e., class size, hours of employment, leave of absence, bonuses, etc.):

S8B. Cost Analysis of District's Labor Agreements - Classified (Non-management) Employees

DATA ENTRY: Click the appropriate Yes or No button for "Status of Classified Labor Agreements as of the Previous Reporting Period." If Yes, nothing further is needed for section S8B. If No, enter data, as applicable, in the remainder of section S8B; there are no extractions in this section.

Status of Classified Labor Agreements as of the Previous Reporting Period

Were all classified labor negotiations settled as of first interim projections?
If Yes, skip to section S8C.
If No, continue with section S8B.

Yes

Classified (Non-management) Salary and Benefit Negotiations

	Prior Year (2nd Interim) (2010-11)	Current Year (2011-12)	1st Subsequent Year (2012-13)	2nd Subsequent Year (2013-14)
Number of classified (non-management) FTE positions	1,062.8	1,064.0	1,064.0	1,064.0

1a. Have any salary and benefit negotiations been settled since first interim projections?

n/a

If Yes, and the corresponding public disclosure documents have been filed with the COE, complete questions 2 and 3.
If Yes, and the corresponding public disclosure documents have not been filed with the COE, complete questions 2-5.
If No, complete questions 6 and 7.

1b. Are any salary and benefit negotiations still unsettled?

No

If Yes, complete questions 6 and 7.

Negotiations Settled Since First Interim Projections

2a. Per Government Code Section 3547.5(a), date of public disclosure board meeting:

[]

2b. Per Government Code Section 3547.5(b), was the collective bargaining agreement certified by the district superintendent and chief business official?

[]

If Yes, date of Superintendent and CBO certification:

[]

3. Per Government Code Section 3547.5(c), was a budget revision adopted to meet the costs of the collective bargaining agreement?

n/a

If Yes, date of budget revision board adoption:

[]

4. Period covered by the agreement:

Begin Date: []

End Date: []

5. Salary settlement:

	Current Year (2011-12)	1st Subsequent Year (2012-13)	2nd Subsequent Year (2013-14)
Is the cost of salary settlement included in the interim and multiyear projections (MYPs)?	[]	[]	[]

One Year Agreement

Total cost of salary settlement

[] [] []

% change in salary schedule from prior year
or

[] []

Multiyear Agreement

Total cost of salary settlement

[] [] []

% change in salary schedule from prior year
(may enter text, such as "Reopener")

[] [] []

Identify the source of funding that will be used to support multiyear salary commitments:

[]

Negotiations Not Settled

6. Cost of a one percent increase in salary and statutory benefits

[]

7. Amount included for any tentative salary schedule increases

	Current Year (2011-12)	1st Subsequent Year (2012-13)	2nd Subsequent Year (2013-14)
	[]	[]	[]

Classified (Non-management) Health and Welfare (H&W) Benefits

1. Are costs of H&W benefit changes included in the interim and MYPs?
2. Total cost of H&W benefits
3. Percent of H&W cost paid by employer
4. Percent projected change in H&W cost over prior year

Current Year (2011-12)	1st Subsequent Year (2012-13)	2nd Subsequent Year (2013-14)

Classified (Non-management) Prior Year Settlements Negotiated Since First Interim

Are any new costs negotiated since first interim for prior year settlements included in the interim?

- If Yes, amount of new costs included in the interim and MYPs
If Yes, explain the nature of the new costs:

Classified (Non-management) Step and Column Adjustments

1. Are step & column adjustments included in the interim and MYPs?
2. Cost of step & column adjustments
3. Percent change in step & column over prior year

Current Year (2011-12)	1st Subsequent Year (2012-13)	2nd Subsequent Year (2013-14)

Classified (Non-management) Attrition (layoffs and retirements)

1. Are savings from attrition included in the interim and MYPs?
2. Are additional H&W benefits for those laid-off or retired employees included in the interim and MYPs?

Current Year (2011-12)	1st Subsequent Year (2012-13)	2nd Subsequent Year (2013-14)

Classified (Non-management) - Other

List other significant contract changes that have occurred since first interim and the cost impact of each (i.e., hours of employment, leave of absence, bonuses, etc.):

S8C. Cost Analysis of District's Labor Agreements - Management/Supervisor/Confidential Employees

DATA ENTRY: Click the appropriate Yes or No button for "Status of Management/Supervisor/Confidential Labor Agreements as of the Previous Reporting Period." If Yes or n/a, nothing further is needed for section S8C. If No, enter data, as applicable, in the remainder of section S8C; there are no extractions in this section.

Status of Management/Supervisor/Confidential Labor Agreements as of the Previous Reporting Period

Were all managerial/confidential labor negotiations settled as of first interim projections?
If Yes or n/a, skip to S9.
If No, continue with section S8C.

Management/Supervisor/Confidential Salary and Benefit Negotiations

	Prior Year (2nd Interim) (2010-11)	Current Year (2011-12)	1st Subsequent Year (2012-13)	2nd Subsequent Year (2013-14)
Number of management, supervisor, and confidential FTE positions	203.0	201.0	201.0	201.0

1a. Have any salary and benefit negotiations been settled since first interim projections?
If Yes, complete question 2.
If No, complete questions 3 and 4.

1b. Are any salary and benefit negotiations still unsettled?
If Yes, complete questions 3 and 4.

Negotiations Settled Since First Interim Projections

2. Salary settlement:

	Current Year (2011-12)	1st Subsequent Year (2012-13)	2nd Subsequent Year (2013-14)
Is the cost of salary settlement included in the interim and multiyear projections (MYPs)?			
Total cost of salary settlement			
Change in salary schedule from prior year (may enter text, such as "Reopener")			

Negotiations Not Settled

3. Cost of a one percent increase in salary and statutory benefits

	Current Year (2011-12)	1st Subsequent Year (2012-13)	2nd Subsequent Year (2013-14)
4. Amount included for any tentative salary schedule increases			

Management/Supervisor/Confidential Health and Welfare (H&W) Benefits

	Current Year (2011-12)	1st Subsequent Year (2012-13)	2nd Subsequent Year (2013-14)
1. Are costs of H&W benefit changes included in the interim and MYPs?			
2. Total cost of H&W benefits			
3. Percent of H&W cost paid by employer			
4. Percent projected change in H&W cost over prior year			

Management/Supervisor/Confidential Step and Column Adjustments

	Current Year (2011-12)	1st Subsequent Year (2012-13)	2nd Subsequent Year (2013-14)
1. Are step & column adjustments included in the budget and MYPs?			
2. Cost of step & column adjustments			
3. Percent change in step and column over prior year			

Management/Supervisor/Confidential Other Benefits (mileage, bonuses, etc.)

	Current Year (2011-12)	1st Subsequent Year (2012-13)	2nd Subsequent Year (2013-14)
1. Are costs of other benefits included in the interim and MYPs?			
2. Total cost of other benefits			
3. Percent change in cost of other benefits over prior year			

S9. Status of Other Funds

Analyze the status of other funds that may have negative fund balances at the end of the current fiscal year. If any other fund has a projected negative fund balance, prepare an interim report and multiyear projection for that fund. Explain plans for how and when the negative fund balance will be addressed.

S9A. Identification of Other Funds with Negative Ending Fund Balances

DATA ENTRY: Click the appropriate button in Item 1. If Yes, enter data in Item 2 and provide the reports referenced in Item 1.

1. Are any funds other than the general fund projected to have a negative fund balance at the end of the current fiscal year?

No

If Yes, prepare and submit to the reviewing agency a report of revenues, expenditures, and changes in fund balance (e.g., an interim fund report) and a multiyear projection report for each fund.

2. If Yes, identify each fund, by name and number, that is projected to have a negative ending fund balance for the current fiscal year. Provide reasons for the negative balance(s) and explain the plan for how and when the problem(s) will be corrected.

ADDITIONAL FISCAL INDICATORS

The following fiscal indicators are designed to provide additional data for reviewing agencies. A "Yes" answer to any single indicator does not necessarily suggest a cause for concern, but may alert the reviewing agency to the need for additional review.

DATA ENTRY: Click the appropriate Yes or No button for items A2 through A9; Item A1 is automatically completed based on data from Criterion 9.

- A1. Do cash flow projections show that the district will end the current fiscal year with a negative cash balance in the general fund? (Data from Criterion 9B-1, Cash Balance, are used to determine Yes or No)

- A2. Is the system of personnel position control independent from the payroll system?

- A3. Is enrollment decreasing in both the prior and current fiscal years?

- A4. Are new charter schools operating in district boundaries that impact the district's enrollment, either in the prior or current fiscal year?

- A5. Has the district entered into a bargaining agreement where any of the current or subsequent fiscal years of the agreement would result in salary increases that are expected to exceed the projected state funded cost-of-living adjustment?

- A6. Does the district provide uncapped (100% employer paid) health benefits for current or retired employees?

- A7. Is the district's financial system independent of the county office system?

- A8. Does the district have any reports that indicate fiscal distress pursuant to Education Code Section 42127.6(a)? (If Yes, provide copies to the county office of education.)

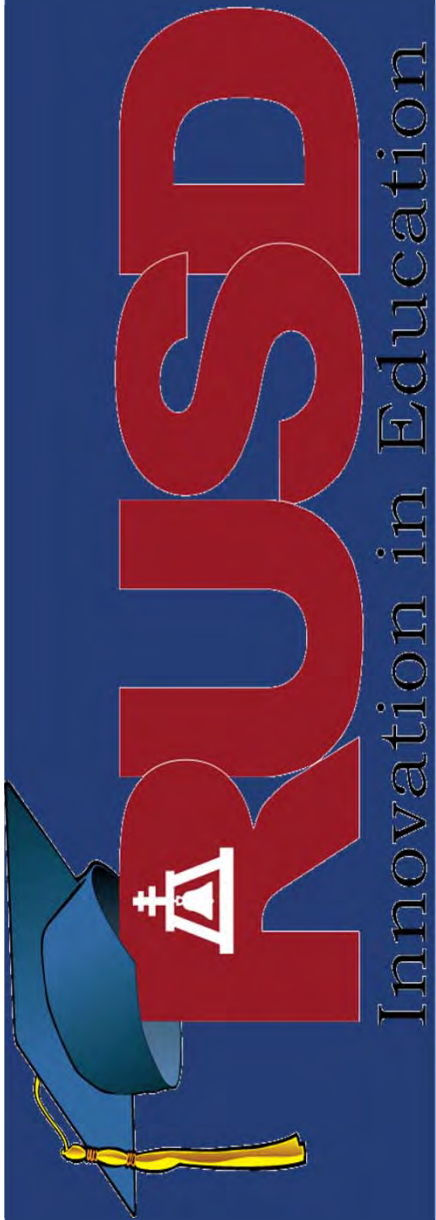
- A9. Have there been personnel changes in the superintendent or chief business official positions within the last 12 months?

When providing comments for additional fiscal indicators, please include the item number applicable to each comment.

Comments:
(optional)

A4 - on February 21, 2012, the District's Board of Education granted a petition for a K-2 charter school to open as early as fall 2012. The impact of loss ADA of approximately 133 is reflected in revenue limit reductions beginning in 2012-13.

End of School District Second Interim Criteria and Standards Review



SECOND PERIOD INTERIM REPORT

An Overview of Financial Performance
And Updated Current Year Projections

Riverside Unified School District
March 5, 2012

Interim Reporting

- California Education Code, which incorporates provisions of Assembly Bill 1200 and Assembly Bill 2756, require each district to file interim reports twice each fiscal year.
- The second report covers the financial and budgetary status of the district for the period ending January 31.
- All budgetary information is annual, forecasting through June 30, 2012.

Components of the Interim Report

- Actual and Projected Financial and Budgetary Data
- Standards and Criteria
- Actual and Projected Cash Flows
- Multi-Year Projections

Changes in Enrollment / ADA

	Adopted	First Interim	Second Interim	Change
Enrollment	42,335	42,299	42,299	0
ADA	40,071	40,026	40,175	149
FUNDED ADA (soft landing)	40,182	40,159	40,188	29

Numbers exclude: charter schools and COE

Significant Changes in Budgetary Data

Unrestricted Revenue

	Adopted	First Interim	Second Interim	Change
Revenue Limit ERAF, RDA, lower mid-year trigger cut, ADA	\$193.7	\$193.1	\$202.3	\$9.2
Federal Revenue AP/IB Reimbursement	.7	.7	.8	.1
State Revenue Lottery, CSR, Tier III true-up	31.9	32.1	32.7	.5
Local Revenue E-Rate, REEF	2.1	2.6	3.0	.4

Dollars in Millions

Significant Changes in Budgetary Data

Restricted Revenue

	Adopted	First Interim	Second Interim	Change
Revenue Limit	\$9.0	\$9.6	\$9.0	(\$.6)
Federal Revenue Title I & III, MediCal, Perkins, SpEd true-up	22.9	34.9	35.3	.4
State Revenue Lottery, EIA, SpEd true-up	33.1	36.3	36.5	.2
Local Revenue	1.1	1.8	1.8	0

Dollars in Millions

Significant Changes in Budgetary Data

Unrestricted Expenditures

	Adopted	First Interim	Second Interim	Change
Salaries and Benefits Transfers	\$192.9	\$194.1	\$194.3	\$.2
Books and Supplies Tier III true-up, Transfers	7.2	8.5	9.4	.9
Operating Expenses Transfers	16.9	17.5	17.6	.1
Capital Outlay Transfers	.03	.1	.1	0

Dollars in Millions

Significant Changes in Budgetary Data

Restricted Expenditures

	Adopted	First Interim	Second Interim	Change
Salaries and Benefits Transfers	\$63.8	\$68.6	\$69.3	\$.7
Books and Supplies Tier III true-up, Transfers	9.8	20.5	21.3	.8
Operating Expenses Transfers	20.9	25.8	24.9	(.9)
Capital Outlay Transfers	3.4	4.3	4.3	0

Dollars in Millions

Significant Changes in Budgetary Data

Ending Fund Balance (6/30/12)

	Adopted	First Interim	Second Interim	Change
Unrestricted Release of 2011-12 mid-year trigger reserve for 2012-13 budget solutions	\$57.8	\$58.8	\$67.1	\$8.3
Restricted	7.5	2.0	2.0	0

Dollars in Millions

Significant Changes in Budgetary Data

Deficit Spending

	Adopted	First Interim	Second Interim	Change
Unrestricted Release of 2011-12 mid-year trigger reserve for 2012-13 budget solutions	(\$19.6)	(\$21.9)	(\$13.7)	\$8.3
Restricted	(2.1)	(7.4)	(7.4)	0

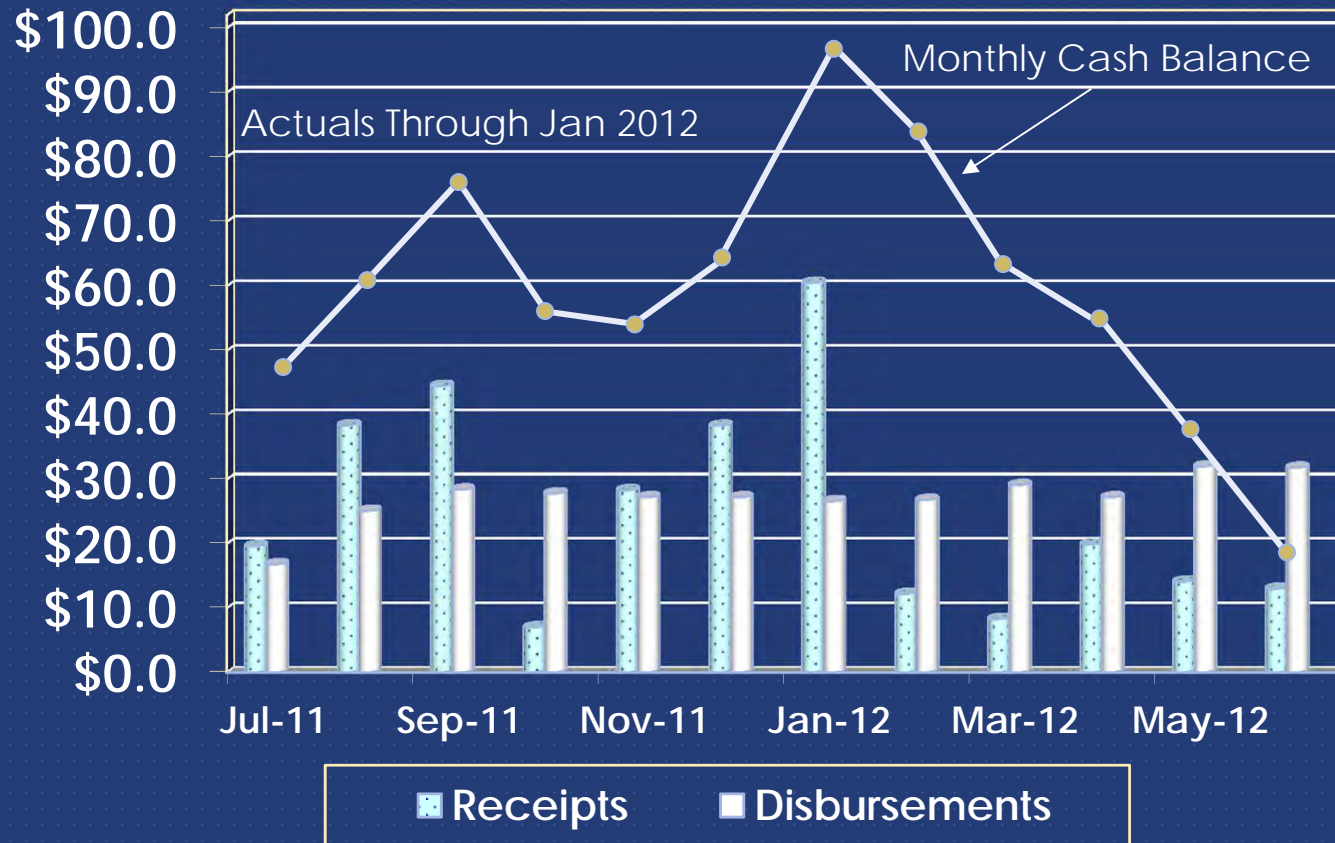
Dollars in Millions

Cash Flow

- June balances are critical due to continued state deferrals to out periods.
- Current deferrals are both planned (legislatively approved) and unplanned (redevelopment).
- Control of spend rates supplemented by interfund borrowing will be required and sufficient to manage 2011-12.
- Governor's proposal to reduce inter-year deferrals is critical for stability in the out years.
- Internal cash resources outside the General Fund are also diminishing.

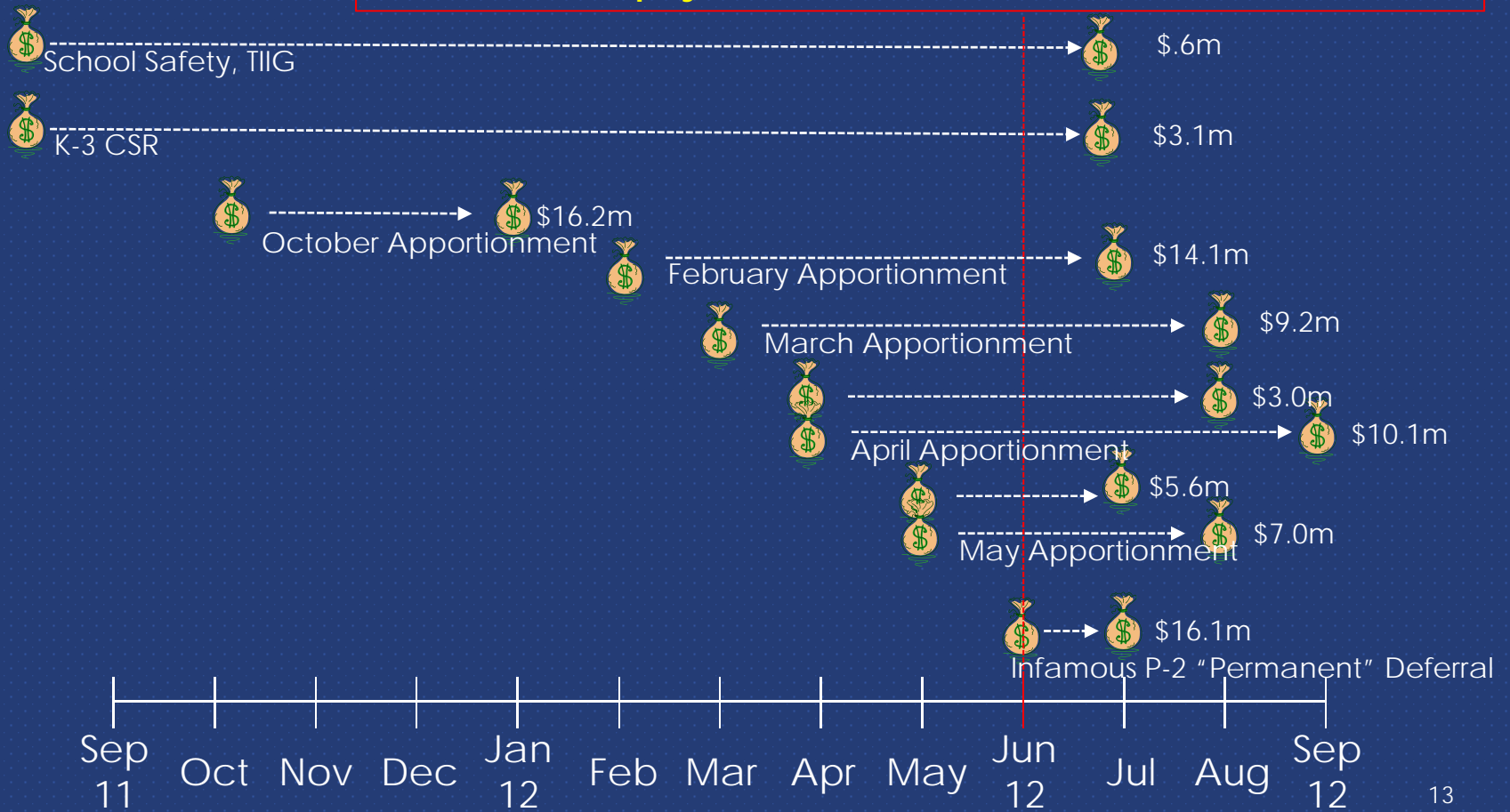
Cash Flow

Dollars in Millions



Cash Deferrals

\$69 million of payments to RUSD deferred as of June 30, 2012



Additional intra-year deferrals from delayed RDA payments are not shown.

Updated Multiyear Projections

Out Years Based on Governor's Proposal "Plan B"

2011-12	2012-13	2013-14
Deficit Spending		
(\$21.1)	(\$33.1)	(\$35.1)
Fund Balance		
\$69.1	\$36.0	\$1.0
Minimum Fund Balance Requirement*		
\$9.5	\$8.9	\$8.5
Shortfall in Fund Balance		
\$0	\$0	(\$7.5)

Dollars in Millions

* Minimum fund balance requirements include petty cash, value of stores inventory, assigned for legally restricted purposes and Designated for Economic Uncertainty.

14

State Budget Uncertainty

- Governor's budget proposal is built on one of three likely November tax initiatives
 - Each initiative helps or hinders LEA funding in different ways
 - None of the initiatives pass, one pass, two pass, all three pass?
 - What is the legislature's perspective? Matched to governor, LAO, or election year dynamics?
- The name of the budget game for 2012-13 is contingency planning.
 - Continue to manage fund balance
 - Build balance in anticipation of mid-year cuts
 - Continue to manage cash

Standards and Criteria

Criteria Not Met

- **Criteria 4 – Revenue Limit** – Current Year – reflects impact from lower than anticipated mid-year trigger reductions. Out years – assume governor’s Plan B of \$370 per-ADA revenue limit reduction.
- **Criteria 6 – Other Revenues** – Current Year – reflects impact from additional E-Rate funding. **Other Expenses** – Current Year – reflects impacts of categorical true-up.

Standards and Criteria

Criteria Not Met

- **Criteria 8 – Deficit Spending** – Year 1 – impacts from use of one-time funding carried forward and distribution of program carryover. Out years – are impacted by continued state fiscal crisis and use of one-time resources carried forward.
- **Criteria 10 – Reserves** – Year 3 – impacts from use of one-time resources carried forward; specifically, insufficient reserve levels in 2013-14.

Standards and Criteria

Fiscal Health Indicators

- All fiscal health indicators are positive for the current year; *but multiyear forecast is problematic.*
- Impact of additional (\$9.2 billion) state budget gap through June 2013 is included in forecast window at \$16.2 million.
- Significant budget mitigation measures must be adopted to positively impact 2013-14 fiscal year deficit spending and reserve levels.
- Cash will continue to need to be supplemented with internal borrowing.

Certification of Financial Condition

Recommend Qualified Certification

- Positive Certification: "...based upon current projections this district will meet its financial obligations for the current fiscal year and subsequent two fiscal years."
- ☑ • *Qualified Certification: "...based upon current projections this district **may** not meet its financial obligations for the current fiscal year or two subsequent fiscal years."*
- Negative Certification: "...based upon current projections this district **will** be unable to meet its financial obligations for the remainder of the current fiscal year or for the subsequent fiscal year."

**Board Meeting Agenda
March 5, 2012**

Topic: Re-Purposing of Hyatt Elementary School

Presented by: Kirk Lewis, Ed.D, Assistant Superintendent, Operations
William Ermert Ed.D, Assistant Superintendent, Instructional Services

Responsible
Cabinet Member: Kirk Lewis, Ed.D, Assistant Superintendent, Operations

Type of Item: Action

Short Description: The Board will be asked to approve the re-purposing of Hyatt Elementary School with the STEM Academy.

DESCRIPTION OF AGENDA ITEM:

On February 21, 2012, the Board of Education received a presentation on the potential re-purposing of Hyatt Elementary School. Declining enrollment, inefficient operation and use of facilities, and challenges to the instructional program were cited as the primary concerns with the function of the small school. It was recommended that the STEM academy be relocated from Central Middle School to the Hyatt campus to allow for expansion of the program effective next school year. It was estimated that establishing the STEM Academy at the Hyatt campus would be a net increase in cost of approximately \$500,000 (mostly associated with start-up). The Board of Education agreed that staff should continue to explore the concept.

Staff will provide an update regarding input received from the meetings with staff and parents of Hyatt Elementary School about the potential re-use of the school. In addition, greater detail will be provided regarding the potential relocation and operation of the STEM Academy at Hyatt. Finally, a series of next steps will be presented if the Board of Education were to approve the re-purposing of the school.

FISCAL IMPACT: Estimate of \$500,000

RECOMMENDATION: It is recommended that the Board of Education approve the re-purposing of Hyatt Elementary School with the STEM Academy.

ADDITIONAL MATERIAL: Re-Purposing of Hyatt Elementary School Fact Sheet and Presentation.

Attached: Yes

Potential Re-Purposing of Hyatt Elementary School

Fact Sheet

February 21, 2012

Facilities, Enrollment, Space Utilization

Acres: 7.5

Total Classrooms: 19

Note: Includes 3 kindergarten classrooms separated from the remainder of campus by the upper parking area. Does not include undersized room adjacent to the library.

Student Capacity at 29:1 ratio: 551

Number of Portables: 5 (4 on upper playground and 1 in kindergarten area)

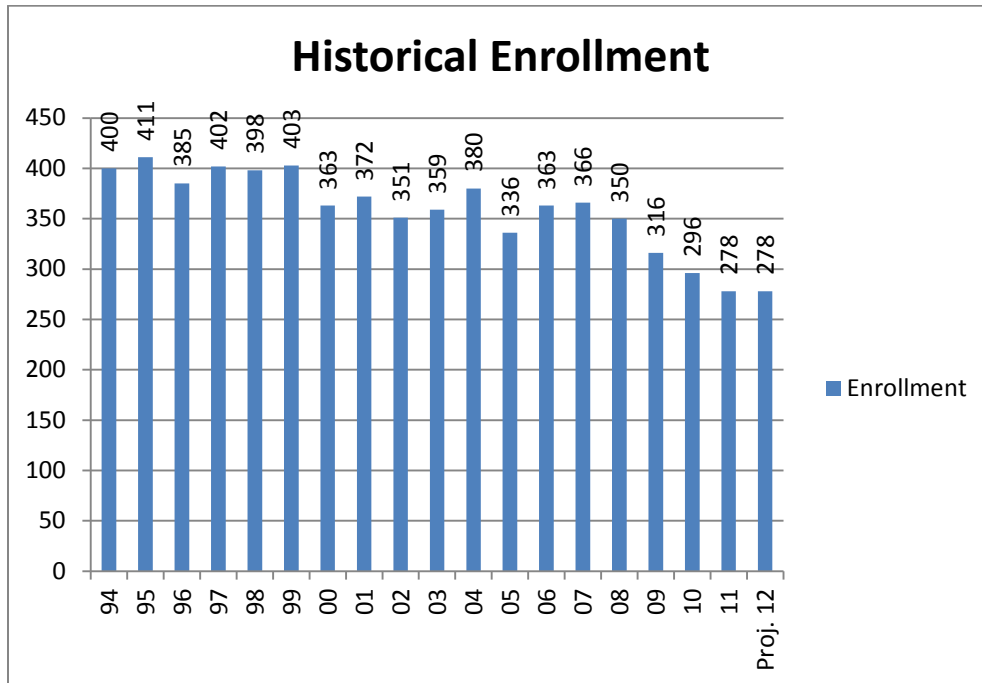
Multipurpose Room capacity: 385 persons for assembly

Special Programs: 2 pre-school SDC (AM/PM) in kindergarten classroom #2
 2 SDC in Rooms 8 and 9
 RSP: Room 20
 Read 180: Room 10
 Hearts: Room 6 (adjacent to the Library)

Transfers in: 77 intra district (including 46 special education) and 6 inter district (83 total)

Transfers leaving: 84 intra district transfers out

Transportation: 3 AM busses, 2 PM busses



Does not include approximately 24 SDC and 32 preschool SDC

Instructional Factors

- Small schools often trigger the need for additional combination classes unless additional funds are used to overstaff the school in order to avoid excessive combinations. This year there are 3 combinations out of the 10 regular classrooms. Combination classrooms can be an extra challenge for teachers as they are required to teach grade level standards to all students in all subject areas.
- Due to the small staff, many teachers work in isolation because they do not have grade level colleagues to collaborate with. Research supports the direct correlation between effective Professional Learning Communities and increases in student achievement.
- Small schools have little to no flexibility in the placement of students
- In order to maintain our staffing ratios, we have shared one principal between two schools. The lack of full access to a principal has been difficult for staff, students, and parents at both affected schools.

Riverside STEM Academy – 2012-2013 School Year

Without expanding the number of students at each grade level next year, the number of students would be as follows:

- 2- 5th grade classes/ 60-70 students
- 2- 6th grade classes/ 60-70 students
- 2- 7th grade classes/ 60-70 students
- 2- 8th grade classes/ 60-70 students
- Total number of students: 240-280 students

Financial Implications

**Re-purpose Hyatt Elementary School for STEM
(in 12-13 dollars)**

	FTE	Total \$
<u>YEAR 1 - Close Hyatt As K-6 ES</u>		
Certificated Staffing ¹	0.3	40,143
Classified Staffing	3.6	218,861
Operational Costs		65,872
Transportation	2.5 Existing Routes	177,090
Total Gross Savings	3.9	501,966
Less Transportation	Re-routing with 1.5 estimated routes	(106,254)
Total Net SAVINGS		395,712
<u>YEAR 1 - Move STEM to Hyatt as 5-8</u>		
Certificated Staffing ¹	1.0	151,705
Classified Staffing	4.8	283,574
Operational Costs		65,872
Transportation		0
Total Recurring COSTS	5.8	501,151
One-Time Estimated Facility Costs (non-General Fund)		400,000
Total All COSTS Year 1		901,151
<u>YEAR 2 - Expand STEM at Hyatt as 5-9</u>		
Certificated Staffing ¹	2.0	283,975
Classified Staffing	5.6	333,195
Operational Costs		65,872
Transportation		0
Total Recurring COSTS Year 2	7.6	683,042

¹Excludes teaching staff

Suggested Process

Staff Meeting at Hyatt - Review Board of Education's Decision to Explore Re-purpose of Hyatt Elementary School	2/22/12
Letter to Hyatt Parents of Board of Education's Decision to Explore Re-purpose of Hyatt Elementary School – Announce Parent Meeting (2/29/12)	2/22/12
Principals' Meeting – Development of Potential Attendance Area Adjustments	2/24/12
Superintendent's Cabinet	2/28/12
Operations/Board Subcommittee Meeting	2/28/12
Hyatt Parent Meeting - Board of Education's Decision to Explore Re-purpose of Hyatt Elementary School	2/29/12
Board of Education Meeting – Instructional Decision to Re-purpose Hyatt Elementary School	3/5/12

Hyatt Elementary School Aerial



Hyatt Elementary School Site Plan



SITE PLAN - General

RIVERSIDE UNIFIED SCHOOL DISTRICT

HYATT Elementary School

4466 Mt. Vernon Ave. Riverside, CA 92507

Tel. # (951) 788-7308





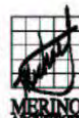
SITE PLAN - Enlarged Building Area

RIVERSIDE UNIFIED SCHOOL DISTRICT

HYATT Elementary School

4466 Mt. Vernon Ave. Riverside, CA 92507

Tel. # (951) 788-7308



SITE PLAN - Enlarged Building Area

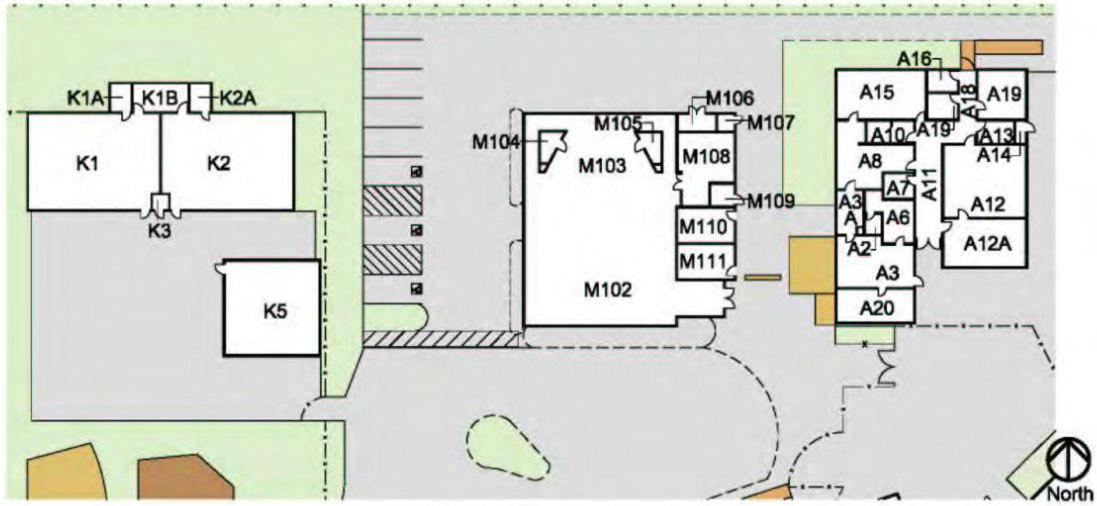
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HYATT Elementary School

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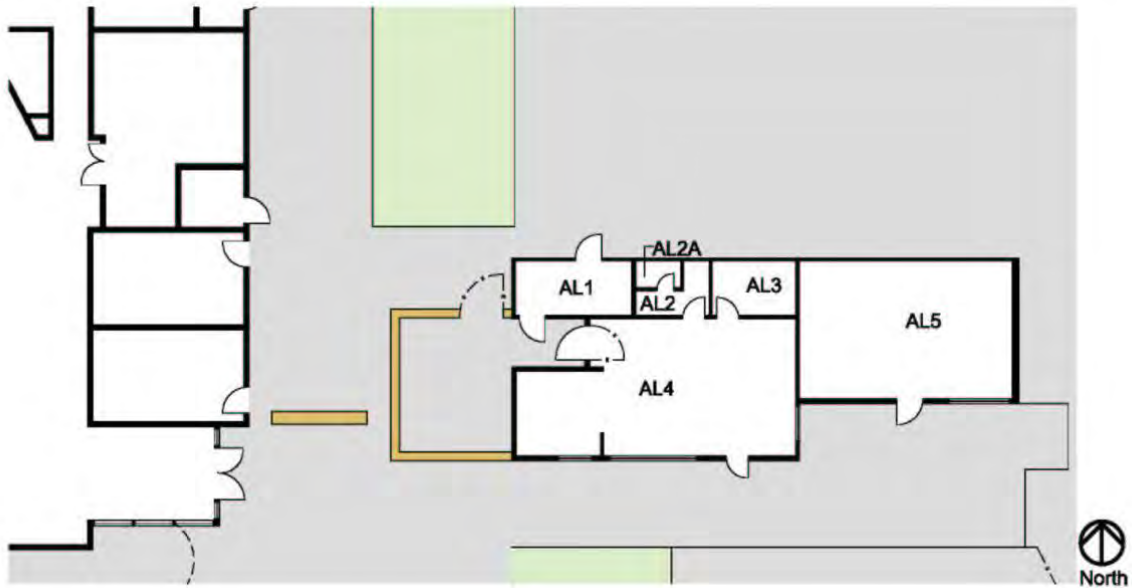
SITE PLAN - Enlarged Building Area

RIVERSIDE UNIFIED SCHOOL DISTRICT

HYATT Elementary School

4466 Mt. Vernon Ave. Riverside, CA 92507

Tel. # (951) 788-7308



**SITE PLAN -
Enlarged Building Area-Upper Level**

RIVERSIDE UNIFIED SCHOOL DISTRICT

HYATT Elementary School

4466 Mt. Vernon Ave. Riverside, CA 92507

Tel. # (951) 788-7308



Re-Purposing of Hyatt Elementary School

Riverside Unified School District
Board of Education Meeting
March 5, 2012

Agenda

- Timeline and Update
- Potential Implementation of STEM Academy at Hyatt Elementary School

Timeline and Update (to present)

Superintendent's Cabinet – Discussion – Present Concept at 2/21/12 Board of Education Study Session	1/31/12, 2/9/12 2/14/12
Discussion with Hayley Calhoun	2/9/12
Board of Education Study Session	2/21/12
Staff Meeting at Hyatt - Review Board of Education's Decision to Explore Re-Purpose of Hyatt	2/22/12
Letter to Hyatt Parents of Board of Education's Decision to Explore Re-Purpose of Hyatt – Announce Parent Meeting (2/29/12)	2/24/12
Operations/Board Subcommittee Meeting	2/28/12
Auto-dialer Reminder of Parent Meeting (2/29/12)	2/28/12
Hyatt Parent Meeting - Board of Education's Decision to Explore Re-Purpose of Hyatt @ 5:30 p.m.	2/29/12
Principals' Meeting – Development of Potential Attendance Area Adjustments	3/2/12
Board of Education Meeting – Instructional Decision Whether to Re-Purpose Hyatt Elementary School	3/5/12

Potential Implementation of STEM Academy at Hyatt Elementary School

- Without expanding the number of students at each grade level next year, the number of students would be as follows:
 - 2- 5th grade classes/ 60-70 students
 - 2- 6th grade classes/ 60-70 students
 - 2- 7th grade classes/ 60-70 students
 - 2- 8th grade classes/ 60-70 students
 - Total number of students: 240-280 students

Potential Next Steps

Superintendent's Cabinet – Review	3/6/12
Letter to Hyatt Parents re: Board of Education Decision – Announce Parent Meeting (TBD)	3/7/12
Staff Meeting at Hyatt	3/6-3/9/12
Hyatt Parent Meeting – Repurpose of Hyatt (Review Board Decision) and Potential Attendance Area Adjustments	Week of 3/12/12
Principals' Meeting – Review Parent Response	TBD
Operations/Board Subcommittee Meeting	TBD
Parent Meetings at Affected Schools re: Potential Attendance Area Adjustments	TBD
Operations/Board Subcommittee Meeting	TBD
Board of Education Meeting – Public Hearing & 1 st Reading on the Potential Attendance Area Adjustments	3/19/12?
Board of Education Meeting – 2 nd Reading & Action on the Potential Attendance Area Adjustments	4/16/12?
Letter to Parents Affected by Attendance Area Adjustments	TBD



Questions/Comments

**Board Meeting Agenda
March 5, 2012**

Topic: Resolution No. 2011/12-40 – Resolution of the Board of Education of the Riverside Unified School District Making Certain Required Written Findings Pursuant to the California Environmental Quality Act; Adopting the Final Mitigated Negative Declaration and Mitigation Monitoring and Reporting Program for the John W. North High School Athletic Facilities Master Plan Completion Project (Project); Approving the Project; and Delegating Authority to Execute a Notice of Determination

Presented by: Janet Dixon, Director, Planning and Development

Responsible

Cabinet Member: Kirk R. Lewis, Ed.D., Assistant Superintendent Operations

Type of Item: Action

Short Description: The Board will consider adoption of a Final Mitigated Negative Declaration and Mitigation Monitoring and Reporting Program for the John W. North High School Athletic Facilities Master Plan Completion project and approval of the Project.

DESCRIPTION OF AGENDA ITEM:

In order to meet the requirements of the California Environmental Quality Act (CEQA), an Initial Study was prepared to assess the environmental effects that could occur with implementation of the John W. North High School Athletic Facilities Master Plan Completion project (Project). The Initial Study concluded that a Mitigated Negative Declaration (MND) is the appropriate document to satisfy CEQA requirements. The Initial Study and MND were circulated to state and local agencies for a 37-day review period, which ended on January 17, 2012. Comments were received during the review period, and the District's responses have been incorporated into the Final MND, which will be available for public review on or before January 31, 2012.

In order to complete the CEQA process, the Governing Board must consider the Initial Study, the Final MND, comments regarding environmental impacts received during the public review period, and the Mitigation Monitoring and Reporting Program (MMRP). The Board may consider approval of the Project only after adoption of the Final MND and MMRP, and may

direct the District to file a Notice of Determination with the County Clerk and State Office of Planning and Research.

FISCAL IMPACT: None

RECOMMENDATION: It is recommended that the Governing Board approve Resolution No. 2011/12-40, which adopts the Final Mitigated Negative Declaration and Mitigation Monitoring and Reporting Program, approves the Project, and delegates authority to execute the Notice of Determination.

ADDITIONAL MATERIAL: Resolution No. 2011/12-40, Final Mitigated Negative Declaration with Mitigation Monitoring and Reporting Program, and Mitigated Negative Declaration and Initial Study.

Attached: Yes

RESOLUTION NO. 2011/12-40

RESOLUTION OF THE BOARD OF EDUCATION OF THE RIVERSIDE UNIFIED SCHOOL DISTRICT MAKING CERTAIN REQUIRED WRITTEN FINDINGS PURSUANT TO THE CALIFORNIA ENVIRONMENTAL QUALITY ACT; ADOPTING THE FINAL MITIGATED NEGATIVE DECLARATION AND MITIGATION MONITORING AND REPORTING PROGRAM FOR THE JOHN W. NORTH HIGH SCHOOL ATHLETIC FACILITIES MASTER PLAN COMPLETION PROJECT (PROJECT); APPROVING THE PROJECT; AND DELEGATING AUTHORITY TO EXECUTE A NOTICE OF DETERMINATION

WHEREAS, the Riverside Unified School District (“District”) proposes to implement the John W. North High School Athletic Facilities Master Plan Completion (“Project”), using funds from Measure B and the City of Riverside Redevelopment Agency, and

WHEREAS, the District is the lead agency as defined in Public Resources Code Section 21067 and prior to construction of the Project, the District must comply with the California Environmental Quality Act (“CEQA”); and

WHEREAS, the District has undertaken the preparation of an Initial Study, an environmental assessment and study of the Project (State Clearinghouse No. 2011121033); and

WHEREAS, the Initial Study concluded that implementation of the Project would have potentially significant effects on the environment that can be mitigated to insignificant levels with the imposition of mitigation measures; and

WHEREAS, a Mitigated Negative Declaration (“MND”) was prepared; and

WHEREAS, the District circulated the Initial Study, MND, and Notice of Intent to Adopt the MND to affected agencies for a 37-day public comment period commencing on December 12, 2011, and concluding on January 17, 2012; and

WHEREAS, the District received and responded to comments from the public and other interested agencies regarding the MND, and for which they have been incorporated into the Final MND; and

WHEREAS, the District submitted copies of the District’s responses to commenting public agencies and interested parties on January 31, 2012; and

WHEREAS, the District prepared a Mitigation Monitoring and Reporting Program, which incorporates all of the mitigation measures, as amended, required to reduce potentially significant impacts to levels below significance; and

WHEREAS, the Board has carefully reviewed and considered the Initial Study, the Final MND, and its supporting sources and comments received by affected governmental agencies and other interested persons, and all other relevant information contained in the record for the Project; and

WHEREAS, the Board has determined that the Final MND has been prepared in compliance with CEQA and reflects the Board's independent judgment and analysis; and

WHEREAS, the Final MND and all supporting material, which constitute a record of these proceedings are kept at the offices of the Riverside Unified School District located at 3070 Washington Street, California 92504 under the control of the Director of Planning and Development; and

WHEREAS, all other legal prerequisites to the adoption of the Resolution have occurred.

NOW, THEREFORE, the Board hereby finds, determines, declares, orders and resolves as follows:

Section 1-Recitals. That all of the recitals set forth above are true and correct, and the Board so finds and determines.

Section 2-Compliance with CEQA. That the Board reviewed and considered the information contained in the Final Mitigated Negative Declaration including without limitation, Initial Study comments from the public and interested agencies, the District's responses to such comments, and any comments made at the public hearing or contained in the administrative record for the Project. The Board hereby makes the following specific findings with respect to the Final Mitigated Negative Declaration:

(a) that the Final Mitigated Negative Declaration prepared for the Project contains a complete and accurate reporting of the environmental impacts associated with the Project; and

(b) that the Final Mitigated Negative Declaration has been completed in compliance with CEQA and the State CEQA Guidelines; and

(c) that the Project will not result in a significant effect upon the environment because the mitigation measures described in the Final Mitigated Negative Declaration have been added to the Project; and

(d) that the Mitigation Monitoring and Reporting Program contains those mitigation measures included in the Final Mitigated Negative Declaration would reduce or avoid significant environmental effects and that they have been completed in compliance with CEQA and State CEQA Guidelines; and

(e) that there is no substantial evidence in the record supporting a fair argument that the Project may result in significant impacts to the environment; and

(f) that the Final Mitigated Negative Declaration reflects the independent judgment of the District; and

(g) that any mitigation measures which have been changed or substituted subsequent to the circulation of the Final Mitigated Negative Declaration are equivalent or more effective in mitigating the environmental impacts than the prior mitigation measures, and that the change and/or substitution of such mitigation measures and not itself cause any potentially significant effect upon the environment.

Section 3-Location and Custodian of Records. That the location and custodian of records with respect to all of the relevant documents and any other material which constitutes the administrative record for the Final Mitigated Negative Declaration are as follows: Director of Planning and Development 3070 Washington Street Riverside, CA 92504.

Section 4-Wildlife Findings. That the project site is entirely developed and is in an urban setting developed with school and residential uses and roadways. There is no native habitat on or next to the project site. Project development would have no substantial adverse impact on any sensitive species. Impacts would not be significant, and no mitigation is needed.

Section 5- Hazardous Materials Findings. That the Project will not create a significant hazard through the transport or use of hazardous materials, and that construction and operation of the proposed improvements will not require extensive or ongoing use of acutely hazardous materials or substances. Therefore, operation of the proposed project would result in less than significant impacts related to hazardous materials, and no mitigation is required.

Section 6-Adoption of Final Mitigated Negative Declaration and Mitigation Monitoring and Reporting Program. That the Final Mitigated Negative Declaration for the Project and the mitigation measures and Mitigation Monitoring and Reporting Program set forth in Exhibit "A" are approved and adopted.

Section 7-Project Approval. That the Project is, therefore, approved.

Section 8-Notice of Determination. That the Board hereby delegates authority to the Superintendent of the District, or his designee, to cause a Notice of Determination to be filed with the Riverside County Clerk and the State of California within five (5) working days after the Board's adoption of the Final Mitigated Negative Declaration.

ADOPTED, SIGNED AND APPROVED this 5th day of March, 2012.

RIVERSIDE UNIFIED SCHOOL DISTRICT BOARD OF
EDUCATION

By _____
Gayle Cloud
President of the Riverside Unified
School District Board of Education

ATTEST:

Kathy Y. Allavie
Clerk of the Riverside Unified
School District Board of Education

**FINAL
MITIGATED
NEGATIVE
DECLARATION
FOR**

**JOHN W. NORTH HIGH
SCHOOL ATHLETIC
FACILITIES MASTER
PLAN COMPLETION**

SCH NO. 2011121033



prepared for:

**RIVERSIDE UNIFIED
SCHOOL DISTRICT**

*Contact:
Janet Dixon
Director, Planning and
Development*

prepared by:

**THE PLANNING
CENTER**

*Contact:
Barbara Wu Heyman
Director, School
Facilities Planning*

JANUARY 2012

**FINAL
MITIGATED
NEGATIVE
DECLARATION
FOR**

**JOHN W. NORTH HIGH
SCHOOL ATHLETIC
FACILITIES MASTER
PLAN COMPLETION**

SCH NO. 2011121033



prepared for:

**RIVERSIDE UNIFIED
SCHOOL DISTRICT**

3070 Washington Street
Riverside, CA 92504
Tel: 951.788.7496 ext. 84003

Contact:
Janet Dixon
Director, Planning and
Development

prepared by:

**THE PLANNING
CENTER**

1580 Metro Drive
Costa Mesa, CA 92626
Tel: 714.966.9220 • Fax: 714.966.9221
E-mail: information@planningcenter.com
Website: www.planningcenter.com

Contact:
Barbara Wu Heyman
Director, School
Facilities Planning

RIV-12.0E

JANUARY 2012

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APPENDICES

A. Mitigation Monitoring and Reporting Program



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1. Introduction

1.1 INTRODUCTION

This document and the Draft Mitigated Negative Declaration (MND) constitute the Final MND for the proposed John W. North High School Athletic Facilities Master Plan Completion project, State Clearinghouse No. 2011121033 (Proposed Project). It contains responses to comments received on the circulated Draft MND for the John W. North High School Athletic Facilities Master Plan Completion project. It also contains revisions to the Draft MND based upon 1) additional or revised information required to prepare a response to a specific comment, 2) applicable updated information that was not available at the time of the publication of the Draft MND, and/or 3) typographical errors.

This Final MND is modeled on the requirements for a Final Environmental Impact Report (EIR). According to CEQA Guidelines, Section 15132, the Final EIR shall consist of:

- (a) The Draft EIR or a revision of the Draft;
- (b) Comments and recommendations received on the Draft EIR either verbatim or in summary;
- (c) A list of persons, organizations, and public agencies comments on the Draft EIR;
- (d) The responses of the Lead Agency to significant environmental points raised in the review and consultation process; and
- (e) Any other information added by the Lead Agency.



1.2 CEQA REQUIREMENTS REGARDING COMMENTS AND RESPONSES

Unlike EIRs, the lead agency has no affirmative duty to prepare formal responses to comments on the MND but should have adequate information on the record explaining why the comment does not affect the conclusion that there are no potential significant environmental effects. In the spirit of public disclosure and engagement, the Riverside Unified School District (District), as the lead agency of the proposed project, has responded to all written comments submitted during the public review period. While not required, the District has applied the guidelines and principals of the CEQA requirements for Final EIRs to this Final MND.

CEQA Guidelines Section 15204 (a) outlines parameters for submitting comments and reminds persons and public agencies that the focus of review and comment of a Draft MND should be “on the sufficiency of the document in identifying and analyzing possible impacts on the environment and ways in which significant effects of the project might be avoided or mitigated. Comments are most helpful when they suggest additional specific alternatives or mitigation measures that would provide better ways to avoid or mitigate the significant environmental effects. At the same time, reviewers should be aware that the adequacy of an EIR is determined in terms of what is reasonably feasible. ...CEQA does not require a lead agency to conduct every test or perform all research, study, and experimentation recommended or demanded by commenters. When responding to comments, lead agencies need only respond to

1. Introduction

significant environmental issues and do not need to provide all information requested by reviewers, as long as a good faith effort at full disclosure is made in the EIR.”

CEQA Guidelines Section 15204 (c) further advises, “Reviewers should explain the basis for their comments, and should submit data or references offering facts, reasonable assumptions based on facts, or expert opinion supported by facts in support of the comments. Pursuant to Section 15064, an effect shall not be considered significant in the absence of substantial evidence.” Section 15204 (d) also states, “Each responsible agency and trustee agency shall focus its comments on environmental information germane to that agency’s statutory responsibility.” Section 15204 (e) states, “This section shall not be used to restrict the ability of reviewers to comment on the general adequacy of a document or of the lead agency to reject comments not focused as recommended by this section.”

Although not required by CEQA, the District will be mailing the written response to the commenter prior to the date of the public hearing, as well as making the Final MND available on its website.

1.3 **FORMAT OF THE FINAL MND**

This document is organized as follows:

Section 1, Introduction. This section describes CEQA requirements on comments and responses, and the content of this Final MND.

Section 2, Response to Comments. This section identifies the agencies and persons that commented on the circulated Draft MND, includes copies of comment letters received during the public review period, and includes the District’s responses to the comments. To facilitate review of the responses, each comment letter has been reproduced and assigned a letter. Individual comments have been numbered for each letter, and the letter is followed by responses with references to the corresponding comment number.

Section 3. Revisions to the Circulated Draft MND. This section contains revisions to the Draft MND text and figures, as applicable, as a result of the comments received by agencies and interested persons as described in Section 2, and/or errors and omissions discovered subsequent to the release of the Draft MND for public review.

Appendix A. Mitigation Monitoring and Reporting Program. The Mitigation Monitoring and Reporting Program (MMRP) lists all the mitigation measures required for implementation of the project, the phase in which the measures would be implemented, and the enforcement agency responsible for compliance. The monitoring program provides 1) a mechanism for giving the lead agency staff and decision makers feedback on the effectiveness of their actions; 2) a learning opportunity for improved mitigation measures on future projects; and 3) a means of identifying corrective actions, if necessary, before irreversible environmental damage occurs.

2. *Response to Comments*

This section provides all written comments received on the circulated Draft MND and the District's responses to each comment.

Comment letters and specific comments are given letters and numbers for reference purposes. Where sections of the Draft MND are excerpted in this document, the sections are shown indented. Changes to the Draft MND text are shown in underlined text for additions and ~~strikeout~~ for deletions.

The responses to comments contain material and revisions that will be added to the text of the Final MND. District staff has reviewed this material and determined that none of it constitutes significant new information that would require recirculation of the Draft MND for further public comment under CEQA Guidelines Section 15088.5 or preparation of an Environmental Impact Report. None of the new material indicates that the project will result in a significant new environmental impact not previously disclosed in the Draft MND. Additionally, none of the material indicates that there would be a substantial increase in the severity of a previously identified environmental impact that will not be mitigated, or that there would be any of the other circumstances requiring recirculation described in CEQA Guidelines Section 15088.5.

The following is a list of agencies and persons that submitted comments on the Draft MND during the public review period.




<i>Number Reference</i>	<i>Commenting Person/Agency</i>	<i>Date of Comment</i>	<i>Page No.</i>
A	Native American Heritage Commission	December 19, 2011	2-3
B	South Coast Air Quality Management District	January 13, 2012	2-11
C	City of Riverside, Community Development Department	January 17, 2012	2-25

2. Response to Comments

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2. Response to Comments

LETTER A – Native American Heritage Commission (5 pages)

STATE OF CALIFORNIA	Edmund G. Brown, Jr., Governor
NATIVE AMERICAN HERITAGE COMMISSION 915 CAPITOL MALL, ROOM 364 SACRAMENTO, CA 95814 (916) 653-6251 Fax (916) 657-5390 Web Site www.nahc.ca.gov ds_nahc@pacbell.net	
December 19, 2011	
Ms. Janet Dixon, Director, Planning and Development Riverside Unified School District 3070 Washington Street Riverside, CA 92504	
Re: SCH#2011121033 CEQA Notice of Completion proposed Mitigated Negative Declaration for the "John W. North High School Athletic Facilities Master Plan" Completion Project" located in the City of Riverside; Riverside County, California	
Dear Ms. Dixon:	
<p>The Native American Heritage Commission (NAHC) is the State of California 'Trustee Agency' for the protection and preservation of Native American cultural resources pursuant to California Public Resources Code §21070 and affirmed by the Third Appellate Court in the case of EPIC v. Johnson (1985: 170 Cal App. 3rd 604). The court held that the NAHC has jurisdiction and special expertise, as a state agency, over affected Native American resources, impacted by proposed projects including archaeological, places of religious significance to Native Americans and burial sites. The NAHC wishes to comment on the proposed project.</p>	A-1
<p>This letter includes state and federal statutes relating to Native American historic properties of religious and cultural significance to American Indian tribes and interested Native American individuals as 'consulting parties' under both state and federal law. State law also addresses the freedom of Native American Religious Expression in Public Resources Code §5097.9.</p>	
<p>The California Environmental Quality Act (CEQA – CA Public Resources Code 21000-21177, amendments effective 3/18/2010) requires that any project that causes a substantial adverse change in the significance of an historical resource, that includes archaeological resources, is a 'significant effect' requiring the preparation of an Environmental Impact Report (EIR) per the CEQA Guidelines defines a significant impact on the environment as 'a substantial, or potentially substantial, adverse change in any of physical conditions within an area affected by the proposed project, including ...objects of historic or aesthetic significance.'" In order to comply with this provision, the lead agency is required to assess whether the project will have an adverse impact on these resources within the 'area of potential effect (APE), and if so, to mitigate that effect.</p>	A-2
<p>The NAHC Sacred Lands File (SLF) search resulted as follows: Native American cultural resources were not identified within the project area identified. Also, the absence of archaeological resources does not preclude their existence. . California Public Resources Code §§5097.94 (a) and 5097.96 authorize the NAHC to establish a Sacred Land Inventory to record Native American sacred sites and burial sites. These records are exempt from the provisions of the California Public Records Act pursuant to. California Government Code §6254 (r). The purpose of this code is to protect such sites from vandalism, theft and destruction. The NAHC "Sacred Sites," as defined by the Native American Heritage Commission and the California Legislature in California Public Resources Code §§5097.94(a) and 5097.96. Items in the NAHC</p>	



2. Response to Comments

Sacred Lands Inventory are confidential and exempt from the Public Records Act pursuant to California Government Code §6254 (r).

A-2
cont'd.

Early consultation with Native American tribes in your area is the best way to avoid unanticipated discoveries of cultural resources or burial sites once a project is underway. Culturally affiliated tribes and individuals may have knowledge of the religious and cultural significance of the historic properties in the project area (e.g. APE). We strongly urge that you make contact with the list of Native American Contacts on the list of Native American contacts, to see if your proposed project might impact Native American cultural resources and to obtain their recommendations concerning the proposed project. Special reference is made to the *Tribal Consultation* requirements of the California 2006 Senate Bill 1059: enabling legislation to the federal Energy Policy Act of 2005 (P.L. 109-58), mandates consultation with Native American tribes (both federally recognized and non federally recognized) where electrically transmission lines are proposed. This is codified in the California Public Resources Code, Chapter 4.3 and §25330 to Division 15.

A-3

Furthermore, pursuant to CA Public Resources Code § 5097.95, the NAHC requests that the Native American consulting parties be provided pertinent project information. Consultation with Native American communities is also a matter of environmental justice as defined by California Government Code §65040.12(e). Pursuant to CA Public Resources Code §5097.95, the NAHC requests that pertinent project information be provided consulting tribal parties. The NAHC recommends *avoidance* as defined by CEQA Guidelines §15370(a) to pursuing a project that would damage or destroy Native American cultural resources and Section 2183.2 that requires documentation, data recovery of cultural resources.

Consultation with tribes and interested Native American consulting parties, on the NAHC list, should be conducted in compliance with the requirements of federal NEPA and Section 106 and 4(f) of federal NHPA (16 U.S.C. 470 *et seq.*), 36 CFR Part 800.3 (f) (2) & .5, the President's Council on Environmental Quality (CSQ, 42 U.S.C 4371 *et seq.* and NAGPRA (25 U.S.C. 3001-3013) as appropriate. The 1992 *Secretary of the Interiors Standards for the Treatment of Historic Properties* were revised so that they could be applied to all historic resource types included in the National Register of Historic Places and including cultural landscapes. Also, federal Executive Orders Nos. 11593 (preservation of cultural environment), 13175 (coordination & consultation) and 13007 (Sacred Sites) are helpful, supportive guides for Section 106 consultation. The aforementioned Secretary of the Interior's *Standards* include recommendations for all 'lead agencies' to consider the historic context of proposed projects and to "research" the cultural landscape that might include the 'area of potential effect.'

A-4

Confidentiality of "historic properties of religious and cultural significance" should also be considered as protected by California Government Code §6254(r) and may also be protected under Section 304 of he NHPA or at the Secretary of the Interior discretion if not eligible for listing on the National Register of Historic Places. The Secretary may also be advised by the federal Indian Religious Freedom Act (cf. 42 U.S.C., 1996) in issuing a decision on whether or not to disclose items of religious and/or cultural significance identified in or near the APEs and possibility threatened by proposed project activity.

Furthermore, Public Resources Code Section 5097.98, California Government Code §27491 and Health & Safety Code Section 7050.5 provide for provisions for accidentally discovered archeological resources during construction and mandate the processes to be followed in the event of an accidental discovery of any human remains in a project location other than a 'dedicated cemetery'.

2


2. Response to Comments

To be effective, consultation on specific projects must be the result of an ongoing relationship between Native American tribes and lead agencies, project proponents and their contractors, in the opinion of the NAHC. Regarding tribal consultation, a relationship built around regular meetings and informal involvement with local tribes will lead to more qualitative consultation tribal input on specific projects.

A-4
cont'd.

If you have any questions about this response to your request, please do not hesitate to contact me at (916) 653-6251.

Sincerely,


Dave Singleton
Program Analyst

Cc: State Clearinghouse

Attachment: Native American Contact List



2. Response to Comments

California Native American Contacts	
Riverside County	
December 19, 2011	
<p>Pala Band of Mission Indians Tribal Historic Preservation Office/Shasta Gaugher 35008 PalaTemecula Road, PMB 445 Pala, CA 92059 (760) 891-3515 sgaughen@palatribe.com (760) 742-3189 Fax</p>	<p>San Manuel Band of Mission Indians James Ramos, Chairperson 26569 Community Center Drive Highland, CA 92346 (909) 864-8933 (909) 864-3724 - FAX (909) 864-3370 Fax</p>
<p>Pauma & Yuima Reservation Randall Majel, Chairperson P.O. Box 369 Pauma Valley CA 92061 paumareservation@aol.com (760) 742-1289 (760) 742-3422 Fax</p>	<p>Gabrieleno/Tongva San Gabriel Band of Mission Anthony Morales, Chairperson PO Box 693 San Gabriel, CA 91778 GTTribalcouncil@aol.com (626) 286-1632 (626) 286-1758 - Home (626) 286-1262 -FAX</p>
<p>Pechanga Band of Mission Indians Paul Macarro, Cultural Resources Manager P.O. Box 1477 Temecula, CA 92593 (951) 770-8100 pmacarro@pechanga-nsn.gov (951) 506-9491 Fax</p>	<p>Santa Rosa Band of Mission Indians John Marcus, Chairman P.O. Box 391820 Anza, CA 92539 sestrada@ (951) 659-2700 (951) 659-2228 Fax</p>
<p>Ramona Band of Cahuilla Mission Indians Joseph Hamilton, Chairman P.O. Box 391670 Anza, CA 92539 admin@ramonatribe.com (951) 763-4105 (951) 763-4325 Fax</p>	<p>Gabrielino Tongva Nation Sam Dunlap, Chairperson P.O. Box 86908 Los Angeles, CA 90086 samdunlap@earthlink.net (909) 262-9351 - cell</p>

A-3

This list is current only as of the date of this document.

Distribution of this list does not relieve any person of the statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and Section 5097.98 of the Public Resources Code.

This list is applicable for contacting local Native Americans with regard to cultural resources for the proposed SCH#2011121033; CEQA Notice of Completion; proposed Mitigated Negative Declaration for the John W. North High School Athletic Facilities Master Plan Completion; located in the City of Riverside; Riverside County, California.

2. Response to Comments

California Native American Contacts	
Riverside County	
December 19, 2011	
<p>Morongo Band of Mission Indians Michael Contreras, Cultural Heritage Prog. 12700 Pumarra Road Cahuilla Banning , CA 92220 Serrano (951) 201-1866 - cell mcontreras@morongo-nsn.gov (951) 922-0105 Fax</p>	<p>Serrano Nation of Indians Goldie Walker P.O. Box 343 Serrano Patton , CA 92369 (909) 862-9883</p>
<p>San Manuel Band of Mission Indians Ann Brierty, Policy/Cultural Resources Departmen 26569 Community Center. Drive Serrano Highland , CA 92346 (909) 864-8933, Ext 3250 abrierty@sanmanuel-nsn.gov (909) 862-5152 Fax</p>	<p>Cahuilla Band of Indians Luther Salgado, Sr., , Chairperson PO Box 391760 Cahuilla Anza , CA 92539 tribalcouncil@cahuilla.net 915-763-5549</p>
<p>Pechanga Band of Mission Indians Mark Macarro, Chairperson P.O. Box 1477 Luiseno Temecula , CA 92593 tbrown@pechanga-nsn.gov (951) 770-6100 (951) 695-1778 Fax</p>	<p>Pechanga Cultural Resources Department Anna Hoover, Cultural Analyst P.O. Box 2183 Luiseño Temecula , CA 92593 ahoover@pechanga-nsn.gov 951-770-8100 (951) 694-0446 - FAX</p>
<p>Willie J. Pink 48310 Pechanga Road Luiseno Temecula , CA 92592 wjpink@hotmail.com (909) 936-1216 Prefers e-mail contact</p>	<p>SOBOBA BAND OF LUISENO INDIANS Joseph Ontiveros, Cultural Resource Department P.O. BOX 487 Luiseno San Jacinto , CA 92581 jontiveros@soboba-nsn.gov (951) 663-5279 (951) 654-5544, ext 4137</p>

A-3



This list is current only as of the date of this document.

Distribution of this list does not relieve any person of the statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and Section 5097.98 of the Public Resources Code.

This list is applicable for contacting local Native Americans with regard to cultural resources for the proposed SCH#2011121033; CEQA Notice of Completion; proposed Mitigated Negative Declaration for the John W. North High School Athletic Facilities Master Plan Completion; located in the City of Riverside; Riverside County, California.

2. Response to Comments

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2. Response to Comments

A. Response to Comments from the Native American Heritage Commission, dated December 19, 2011.

- A-1 The comment states that the Native American Heritage Commission (NAHC) is a Trustee Agency for the proposed project and wishes to comment on the proposed project. The comment further states that the letter includes state and federal statutes relating to Native American historic properties and “consulting” Native American individuals. This comment is noted.
- A-2 The comment includes CEQA requirements concerning historical resources, including archaeological resources, and includes search information from the NAHC Sacred Lands File (SLF). The SLF search confirmed that no known Native American cultural resources are within the project area. The comment further explains that absence on the SLF search does not preclude the existence of resources. The District appreciates the NAHC effort in conducting the SLF search and understands that it is possible that there are subsurface resources that can be discovered during construction efforts. As stated in section 3.5(b) of the Draft MND, a District best management practice (BMP) includes retaining an on-call archaeological consultant during ground-disturbing activities to immediately assess such resources and make necessary recommendations. This BMP addresses the NAHC’s concern related to the potential accidental discovery of archaeological resources. The information on the SLF search plus other relevant data presented in “A Summary Report on the Proposed Improvements at the John W. North High School Campus” prepared by McKenna et al. in August 2010 (see Draft MND Appendix B) and “Addendum Report: A Summary Report on the Proposed Improvements at the John W. North High School Campus” prepared by McKenna et al. on January 18, 2012, included in this Final MND, is incorporated in the Final MND for the project. The information will be considered by the District Board of Education prior to approval of the MND and project approval.
- A-3 The comment states that early consultation with Native American tribes in the project region is recommended. As a part of the Draft MND, the Native American Heritage was contacted to determine if the project site is on the SLF and to identify Native American tribes. Those tribes provided by the NAHC in July 2010 were contacted at that time. This comment letter includes a few more tribes that were not included in the original contact list. On January 16, 2012, the District submitted notification letters providing pertinent project information to the additional tribes.
- A-4 The comment provides state and federal statutes concerning Native American tribal consultation, disclosure information of information related to archaeological resources to the public, and mandates concerning the accidental discover of archaeological resources. The comment is noted.



2. Response to Comments

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2. Response to Comments

LETTER B – South Coast Air Quality Management District (2 pages)



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4182
(909) 396-2000 • www.aqmd.gov

E-MAILED: JANUARY 13, 2012

January 13, 2012

Ms. Janet Dixon, Director, jdixon@rusd.k12.ca.us
Planning and Development
Riverside Unified School District
3070 Washington Street
Riverside, CA 92504

Draft Mitigated Negative Declaration (Draft MND) for the Proposed John W. North High School Athletic Facilities Master Plan Completion

The South Coast Air Quality Management District (AQMD) appreciates the opportunity to comment on the above-mentioned document. The following comment is meant as guidance for the Lead Agency and should be incorporated into the Final CEQA document.

In the project description, the lead agency proposes construction that would improve the existing school swimming facilities, football/track field, ball fields, and hard-court areas. The proposed project construction activities would include approximately 8.87 acres per day of soil disturbance.

In the air quality analysis, the lead agency estimated project short- and long-term air quality impacts using CalEEMod, a statewide land use emissions computer model. This model uses default and user-defined settings to estimate emissions based on the land use settings. Upon review of the inputs to the model's off-road equipment list, the lead agency has modified the default settings for the load factor by reducing it by a factor of about one third, effectively lowering the emissions calculated from these emission sources by one third. For example, the CalEEMod default load factor for a tractor/loader/backhoe is 0.55; rubber tired dozer is 0.59; and a grader is 0.61. In the air quality analysis, the lead agency used 0.37 as a load factor for a tractor/loader/backhoe; 0.40 as a load factor for rubber tired dozer; and 0.41 for a grader. The lead agency explained these edits under user entered notes in the CalEEMod model output sheets stating that "CARB staff concluded that load factors in OFFROAD are 33% to high."

Currently, it is the AQMD staff's understanding that CARB does not approve of reducing the default settings in the current OFFROAD2007 at a project level because the 33% reduction in statewide emissions of diesel exhaust is not necessarily reflected in individual pieces of equipment. In fact, for some equipment types, OFFROAD2007 may underestimate emissions while others may be overestimated. Because of these revisions, CARB is currently seeking approval of the new OFFROAD2011. The AQMD staff therefore recommends that the lead agency use existing OFFROAD2007 defaults until

B-1



2. Response to Comments

Ms. Janet Dixon,
Director

2

January 13, 2012

OFFROAD2011 is incorporated into CalEEMod later this year. Therefore, even though these edits might not change the lead agency's determination of significance for construction air quality impacts, these edits to load factors are not recommended by the AQMD staff without substantial evidence to support their use. Otherwise, the lead agency should commit to enforcing the assumed lower emission factors.

Please provide the AQMD with written responses to all comments contained herein prior to the adoption of the Final MND. The AQMD staff is available to work with the Lead Agency to address these issues and any other questions that may arise. Please contact Gordon Mize, Air Quality Specialist – CEQA Section, at (909) 396-3302, if you have any questions regarding these comments.

B-1

Sincerely,



Ian MacMillan
Program Supervisor, Inter-Governmental Review
Planning, Rule Development & Area Sources

IM:GM

RVC111213-01
Control Number

2. Response to Comments

B. Response to Comments from the South Coast Air Quality Management District, dated January 13, 2012.

B-1 The comment recommends that the lead agency use existing OFFROAD2007 default load factors, instead of recent load factors recommended by the California Air Resources Board (CARB). The CARB held workshops in August and September regarding proposed changes to the OFFROAD model as part of the OFFROAD2011 model update. As presented in these workshops, CARB staff concluded that load factors in the OFFROAD2011 inventory would be reduced by 33 percent based on engine load data from CARB testing programs and manufacturer-provided data (see attached workshop materials).

South Coast Air Quality Management District's (SCAQMD) User's Guide Appendix A, which was created in collaboration with ENVIRON Corporation, states that the CalEEMod program "does not incorporate any recent comments from [C]ARB regarding load factor changes." The attached memorandum from ENVIRON Corporation includes direct correspondence from CARB indicating that users "can directly apply a 33 percent reduction for the [Load Factor] correction."

In addition, since release of the CalEEMod program, CARB released the module for In-Use Off-Road Equipment (Construction, Industrial, Ground Support, and Oil Drilling) in December 2011. OFFROAD2011 load factors were compared to the load factors incorporated in CalEEMod (see attachment). As shown in this attachment, the load factors for equipment that are also included in the CalEEMod program were all reduced by 33 percent in accordance with CARB's original recommendations.

Consequently, the 33 percent reduction to load factors in the CalEEMod program is appropriate, and no changes are necessary to the Initial Study.



2. Response to Comments

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Workshops on Information Regarding the Off-Road, Truck and Bus and Drayage Truck Regulations



**August/September 2010 Workshop Series
September 3, 2010**

California Environmental Protection Agency



Air Resources Board



Load Factor

- Load varies by equipment type and usage
- Collected engine load data from ARB testing programs and manufacturer provided data
 - Analysis indicates that OFFROAD load factors are 25-50% too high
 - Staff concluded load factors should be reduced 33% for the updated inventory
 - Consistent with findings for other off-road equipment.

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Off-Road Rule Inventory

2. Response to Comments

ENVIRON

September 15, 2010

DRAFT MEMORANDUM

To: Emeryville Air Group
From: Kai Zhao
Subject: Summary of ARB's Workshop on Revision to the Off-Road and On-Road Vehicle Emissions Inventories (Oakland – September 8th, 2010)

Background

On September 8, 2010 in Oakland, staff from the ARB concluded a series of public workshops throughout the state which focused on the finalized emissions inventories underlying the off-road and truck & bus regulations. The updated off-road and on-road vehicle emissions inventories account for the impact from the recession since 2008 and the newly collected equipment data. The emissions across both categories are significantly lower than the previous inventories. The actual changes to the regulations were not discussed during this workshop but will be the focus of the next round of workshops starting the end of September 2010. Below is the proposed regulatory timing:

- September 30th – October 12th: workshops focused on the revised staff proposals and unofficial commenting period
- Mid - Late October: release of the staff report and beginning of the official commenting period
- Mid December: Board hearing

More background information can be found on ARB's website:
<http://www.arb.ca.gov/msprog/ordiesel/meetings.htm>

This memo focuses on the changes to the off-road and truck & bus emissions inventory that directly affect our analyses approach.

In-Use Off-Road Vehicles

Based on the newly collected engine load data from the ARB testing programs and manufacturers, ARB staff indicated that their analysis for OFFROAD load factors were 25-50% too high depending on the equipment type and concluded that the OFFROAD load factors should be reduced by 33%. In addition, the email communication with Nicole Dolney from ARB (attached) confirmed that this 33% reduction can be directly applied to the load factor during the off-road equipment emissions calculation, which results a 33% emissions reduction for all pollutants (i.e., NO₂, CO, PM, SO₂, CH₄, and CO₂).

ARB also revised equipment population, activity, age, and growth rate for the emissions inventory by taking into account the impact from the recession and new data, and lower the



2. Response to Comments

Emeryville Air Group

- 2 -

September 15, 2010

equipment fuel usage rate based on a paper published by Prof. Robert Harley from UC Berkeley in 2009.¹

The summary table below shows how the impacts of these revisions might affect our emissions calculation approach.

Equipment Parameter	Revisions	Reference ² (slide #)	Affect Approach?	Impact
Population	Lower	39 - 41	No ³	NA
Age	Generally Younger	42, 43	Yes ⁴	Reduce emissions
Activity	Lower	46 - 49	No ³	NA
Load Factor	Lower	50	Yes ⁵	Reduce emissions
Growth	Lower	51, 52	No ³	NA
Fuel Usage	Lower	60	No ⁶	NA
Based Emission Factors	Unchanged	60	No	NA
Deterioration Rates ⁷	Unchanged	60	No	NA

Additional information regarding the updated off-road vehicle emissions inventory can be found in the workshop presentation.²

On-Road Vehicles (Statewide Truck and Bus)

ARB revised the following four categories for the truck and bus emissions inventory, but ENVIRON's emissions calculation for on-road vehicles should not be affected. One voice message has been left for Nicole from ARB, and her advice or confirmation is expected.

1. Vehicle/Fleet Size Categories
2. Odometer
3. Out-of-State Vehicle Miles Traveled
4. Regional Allocation

Item 3 was the only category went under major change. The detailed information regarding the revisions to these four categories can be found in slides 11 to 28 of the workshop presentation.

¹ Millstein, D.E.; Harley, R.A. (2009). [Revised Estimates of Construction Activity and Emissions: Effects on Ozone and Elemental Carbon Concentrations in Southern California](#). *Atmospheric Environment* 43, 6328-6335.

² The workshop presentation:

http://www.arb.ca.gov/msprog/ordiesel/documents/emissions_inventory_presentation_full_10_09_03.pdf

³ These revisions do not affect the back-calculated average equipment emissions factors (in g/hp-hr) used in ENVIRON's emissions calculation that also uses the project specific equipment number and activity.

⁴ The change to the equipment age distribution affects the back-calculated average equipment emission factors. However, the change varies by year and location, and it is difficult to quantify the actual impact. A voice message has been left for Nicole from ARB, and her advice is expected.

⁵ Apply the reduction directly to the emissions.

⁶ Based on Nicole Dolney's email on Sep 8th, 2010, the OFFROAD fuel usage was back-calculated from the CO₂ emissions.

⁷ The deterioration is capped at 12,000 hours for each piece of equipment.

2. Response to Comments

Emeryville Air Group

- 3 -

September 15, 2010

The impact of revisions on the on-road emissions inventory (shown in slides 29 to 34) relatively small compared to that on the off-road inventory.

Conclusion

Before the updated off-road and on-road vehicle regulations are released to the public later this year, a 33% load factor reduction should be applied during the off-road equipment emissions calculations (e.g., construction project) regardless the source of the emission factors (e.g., OFFROAD and USEPA Tier standards), and no change is necessary for the current on-road vehicle emissions calculation.



2. Response to Comments

From: Dolney, Nicole@ARB
To: Kai Zhao;
cc: Sax, Todd@ARB;
Subject: RE: Workshop Follow Up Questions
Date: Wednesday, September 08, 2010 4:52:41 PM

Hello Kai,

I wanted to follow up on a workshop question regarding the off-road inventory. As Todd indicated you can directly apply a 33% reduction for the LF correction. With regards to the CO2 correction you won't be able to ratio the BSFCs. OFFROAD uses CO2 emission factors and then backcalculates fuel. For the updated inventory we're going to use the new BSFC values to calculate fuel. Also, at the workshop we said that we are using USEPA values for BSFC – this means that for the 50 HP bin the BSFC is 0.408 and for every other HP bin the BSFC is 0.367 lb/hr-hr.

Call or email if you have additional questions.

Nicole Dolney

Manager, Off-Road Diesel Analysis Section
Planning and Technical Support Division
California Air Resources Board
916-322-1695
ndolney@arb.ca.gov

From: Kai Zhao [mailto:kaizhao@Environcorp.com]
Sent: Wednesday, September 08, 2010 4:03 PM
To: Sax, Todd@ARB
Subject: Workshop Follow Up Questions

Hi Todd,

It was good meeting to you today at the workshop in Oakland. Thank you and the other ARB/Cal EPA staff members for putting together this spirited discussion. I was hoping you could help me with one follow-up issue. As we discussed at the workshop, some of the updates regarding the offroad construction equipment presented during the workshop are important to our analysis and I would like to confirm the following to make sure I implement the changes properly.

2. Response to Comments

I understand that ARB staff concluded that the load factor should be reduced by 33% for the updated inventory based on the collected engine load data from ARB testing programs and manufacturer provided data. I want to confirm that we can apply 33% reduction to the current default construction equipment load factors used by OFFROAD 2007 during our construction emissions calculation (i.e., updated emissions = 0.67 * emissions calculated using the current OFFROAD default equipment parameters).

In addition, for the CO2 emissions, we can further reduce the emissions multiplying the following fuel consumption ratio:

0.367lb/hp-hr (USEPA's NonROAD Model fuel consumption rate)

0.401 lb/hp-hr (OFFROAD fuel consumption rate)

Please let me know if the approaches above are correct. Lastly, are there any restrictions on applying these emissions reductions (e.g., specific equipment types, sizes)?

Thanks for your help with this matter.

Best,

-Kai

Kai Zhao, M.S. | Associate

ENVIRON International Corp. | www.vironcorp.com

6001 Shellmound Street, Suite 700 | Emeryville, CA 94608

V: 510.420.2530 | F: 510.655.9517 | kaizhao@vironcorp.com

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message in error, please contact the sender by electronic reply to email@environcorp.com and immediately delete all copies of the message.

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EquipmentTypeID	OFFROAD2011 Adj ARB LF	COMPARE TO CalEEMod	
		Default	Percent Change
Aerial Lifts	0.3082	0.46	-33%
Air Compressors	NA	0.48	
Bore/Drill Rigs	0.5025	0.75	-33%
Cement and Mortar Mixers	NA	0.56	
Concrete/Industrial Saws	NA	0.73	
Cranes	0.2881	0.43	-33%
Crawler Tractors	0.4288	0.64	-33%
Crushing/Proc. Equipment	NA	0.78	
Dumpers/Tenders	NA	0.38	
Excavators	0.3819	0.57	-33%
Forklift (GSE)	0.201	0.30	-33%
Forklifts	0.201	0.30	-33%
Generator Sets	NA	0.74	
Graders	0.4087	0.61	-33%
Off-Highway Tractors	0.4355	0.65	-33%
Off-Highway Trucks	0.3819	0.57	-33%
Other Construction Equipment	0.4154	0.62	-33%
Other General Industrial Equipment	0.3417	0.51	-33%
Other Material Handling Equipment	0.3953	0.59	-33%
Pavers	0.4154	0.62	-33%
Paving Equipment	0.3551	0.53	-33%
Plate Compactors	NA	0.43	
Pressure Washers	NA	0.30	
Pumps	NA	0.74	
Rollers	0.3752	0.56	-33%
Rough Terrain Forklifts	0.402	0.60	-33%
Rubber Tired Dozers	0.3953	0.59	-33%
Rubber Tired Loaders	0.3618	0.54	-33%
Scrapers	0.4824	0.72	-33%
Signal Boards	NA	0.82	
Skid Steer Loaders	0.3685	0.55	-33%
Surfacing Equipment	0.3015	0.45	-33%
Sweepers/Scrubbers	0.4556	0.68	-33%
Tractors/Loaders/Backhoes	0.3685	0.55	-33%
Trenchers	0.5025	0.75	-33%
Welders		0.45	

Source: OFFROAD2011 and CalEEMod

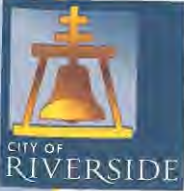


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2. Response to Comments

LETTER C – City of Riverside, Community Development Department (4 pages)



Community Development
Department
Planning Division

January 17, 2012

Janet Dixon
Director, Planning and Development
Riverside Unified School District
3070 Washington Street
Riverside, CA 92504-4697

SUBJECT: NOTICE OF INTENT TO ADOPT A MITIGATED NEGATIVE DECLARATION – JOHN W. NORTH HIGH SCHOOL ATHLETIC FACILITIES MASTER PLAN

Dear Ms. Dixon:


Thank you for providing the City of Riverside an opportunity to comment on the December 2011 draft Initial Study (IS) and Mitigated Negative Declaration (MND) for the proposed John W. North High School Athletic Facilities Master Plan. The subject site is situated at 1550 Third Street and includes 36.8 acres developed with the existing high school campus, bounded by Third Street on the north, Chicago Avenue on the west, Linden Street on the south, and an industrial park on the east. The Athletic Facilities Master Plan improvements generally include new and replacement facilities including the addition of a second swimming pool with shaded bleachers, a replacement football field with synthetic turf, a replacement track, and stadium seating for 3,400 (a 2,650 seat increase), two new restroom/concession/storage buildings, replacement ball fields, two new tennis courts, replacement of the existing marquee sign at the intersection of Third Street and Chicago Avenue, storm drain improvements, and removal of 30 parking spaces. C-1

The project demonstrates a substantial community investment that will result in a tremendous asset to the students of John W. North High School and the City-at-large. In general, City staff supports the proposed project because it is consistent with the General Plan 2025 land use designation of Public Facilities/Institutions. Regarding the Draft Environmental Initial Study (IS) and the Proposed Mitigated Negative Declaration (MND) for the project, City staff reviewed the documents and offers the following comments: C-2

Section 3.1 Aesthetics

Item “C” of Aesthetics discussion of the IS states that the proposed project will have a less than significant impact with regard to substantially degrading the existing visual character or quality C-3

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of the site and its surroundings and that no mitigation is required. However, City staff is concerned with certain elements of the project that have the potential to negatively impact the visual character and quality of the site and its surroundings as follows:

- Two cargo containers are proposed along the southern edge of the school in a highly visible location immediately adjacent to Linden Street. In order to minimize and mitigate the aesthetic impact along the street frontage and further ensure a less than significant aesthetic impact, the cargo containers need to be relocated to a less visible location within the campus or be screened from view from the street through methods such as a solid landscaped hedge.
- The project includes replacement of an existing marquee pole sign at the corner of Chicago Avenue and Third Street. City staff requests that the sign conform to the Riverside Municipal Code, Title 19, Chapter 19.620, General Sign Provisions and the Citywide Design and Sign Guidelines. Given the sign's visibility on a prominent street corner, the upgraded sign needs to be designed to upgrade the aesthetic appearance of the corner.

C-3
cont'd.

Section 3.5 Cultural Resources

The IS Appendix B, "Cultural Resources Summary Report" prepared by McKenna et al., dated August 16, 2010, arbitrarily dismissed the high school as "too young for consideration as a significant cultural resource" given the school is only 45 years old. John W. North High School, built in 1964, was included in the City's Modernism Context Statement, which was approved by the City Council in April 2010. This document identified the school as an example of a building type associated with Modern architecture in Riverside. Both the IS and Appendix "B" of the document should have acknowledged this fact and assessed the proposed modifications within that context. Please note this correction for future reference.

C-4

Section 3.12 Noise

Among the mitigation measures to address noise and vibration, Mitigation Measure 2 sets limits for construction activities between the hours of 7:00 a.m. to 8:00 p.m. These hours need to be amended to meet the requirements of the Riverside Municipal Code, Title 7, Noise. In the City of Riverside, construction activities are limited to the hours of 7:00 a.m. and 7:00 p.m. on weekdays and 8:00 a.m. and 5:00 p.m. on Saturdays. No construction activities are permitted on Sundays or federal holidays.

C-5

Section 3.16 Transportation/Traffic

According to the City Traffic Engineer, mitigation for the traffic portion of the IS includes the scheduling of all major events outside of the PM peak hour, which is adequate mitigation. However, since there is a shortage of parking spaces for major events, the IS cites reliance on utilization of approximately 413 on-street parking spaces in the nearby commercial/industrial area. Since there are also residential uses in the vicinity of the school which will be negatively impacted by intrusion of event parking, proposed mitigation includes informing the students and

C-6

C-7

2. Response to Comments

parents of the availability of on-street parking in the industrial area, and discouraging parking in the residential area; however, this is not effective mitigation because there is no way to enforce compliance. The IS needs to include further analysis and mitigation of parking impacts. The City recommends that the school work out a shared parking agreement with the owners of parking lots within the commercial/industrial areas, or some form of parking restrictions be used in the residential area for protection from the intrusion of event parking.

C-8
cont'd.

Regarding the proposed temporary parking of vehicles on paved basketball courts on the school campus, proposed Mitigation Measure 9 on Page 103 is inconsistent with the Municipal Separate Storm Sewer System (MS4) permitting requirements. Hosing down surface parking lots to remove automotive fluids, such as motor oil, grease, or coolant, is not an accepted practice and should not be considered as appropriate mitigation. Alternate methods must be recommended.

C-9

Section 3.17 Utilities and Service Systems

The discussion on Page 104 of the IS for J.W. North High School - Facilities Master Plan needs to be updated to reflect the most current projections described in the City of Riverside Public Utilities (RPU) Department 2010 Urban Water Management Plan (UWMP). A copy of the RPU 2010 UWMP can be found at <http://www.riversideca.gov/utilities/water-umwp.asp>. Specifically, please note the following items:

1. All references to the 2005 UWMP should be updated to reference RPU's 2010 UWMP;
2. RPU's 2010 groundwater production can be found in Table 4-5 (84,731 acre-feet). RPU's total water supply in 2010 consisted of groundwater production plus recycled water (260 acre-feet) plus imported water (0 acre-feet); thus, RPU's total water supply equaled approximately 85,000 acre-feet in 2010; and,
3. RPU's projected normal year water demand and supply for 2035 can be found in Table 5-5. The total available water supply in Table 5-5 includes imported water. Though the City does not plan on purchasing imported water, it is available if needed. Therefore, RPU projects an available surplus of more than 27,600 acre-feet in 2035.

C-10

Although the information in the IS needs to be updated, the conclusion remains the same – RPU has sufficient water supplies to meet J.W. North High School's projected increased demand.

In summary, based on the comments above, the IS needs to be revised to include corrections and further analysis and mitigation measures as appropriate to clearly demonstrate that environmental impacts of the project will be less than significant or can be mitigated to a less than significant level.

C-11



2. Response to Comments

Your cooperation with the City of Riverside is greatly appreciated and City staff looks forward to working with RUSD. If you have any questions regarding this letter, please contact Barbara Bouska, Associate Planner, at (951) 826-5507.

C-11
cont'd.

Sincerely,



Steve Hayes, AICP
Interim City Planner

c: Ronald Loveridge, Mayor
Riverside City Council Members
Scott Barber, City Manager
Deanna Lorson, Assistant City Manager
Kristi Smith, Supervising Deputy City Attorney
Dan Chudy, Interim Community Development Director
Tom Boyd, Interim Public Works Director
Steve Libring, Traffic Engineer
Cliff Yarges, Associate Traffic Engineer
Rob Van Zanten, Principal Engineer
David H. Wright, Public Utilities General Manager
Kevin Milligan, Public Utilities Assistant General Manager/Water
Blake Yamamoto, Senior Water Engineer

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C. Response to Comments from the City of Riverside, Community Development Department, dated January 17, 2012.

- C-1 The City of Riverside provided an overview of the proposed project description. This overview is inaccurate. The description erroneously states that the project involves the installation of a second swimming pool. The proposed project would remove the existing swimming pool and associated facilities and replace them with a new aquatic center. At project completion, there will only be one swimming pool.
- C-2 The comment states that the City supports the proposed project because it is consistent with the General Plan 2025 land use designation of Public Facilities/Institutions. Comment is noted.
- C-3 The comment suggests that the two cargo containers proposed along the southern boundary of the site along Linden Street be relocated to a less visible location on the campus or screened from Linden Street. The southern perimeter of the site includes a three- to four-foot hedge, separating the sidewalk from the school. There are also two cargo containers and batting cages currently placed between the hedge and the softball field. Figure 1, *Site Photograph*, illustrates the existing conditions of the project site along Linden Street. The two proposed cargo containers would be placed west of the batting cages, south of the future track and football field. As there is an existing hedge and similar uses along the southern boundary, placement of these new containers would be consistent with the existing condition and would not further degrade the visual quality of the site. Visual impacts, as discussed under Section 3.1(c) of the Draft MND/Initial Study, would remain less than significant, and the cargo containers will be left at the currently proposed location.
- C-4 The comment requests that the proposed marquee sign at the corner of Chicago Avenue and Third Street comply with Section 19.620, General Sign Provisions, of the Riverside Municipal Code and the Citywide Design and Sign Guidelines. The intent of the new sign would be to upgrade the existing run-down sign with a similar sign that would serve the same purpose. As the replaced sign would be new, it would improve the aesthetic appearance from the existing conditions and have a beneficial impact. Nevertheless, as allowed by California Government Code Section 53094(b), the District Board of Education will consider, at their regular Board Meeting of February 6, 2012, approval of a resolution rendering inapplicable this code, as well as all other city zoning ordinances, including but not limited to height restrictions on the proposed field lighting poles. With the compliance with Government Code Section 53094(b), the District would not be required to meet the requirements of Section 19.620 of the Municipal Code and Citywide Design and Sign Guidelines.
- C-5 The comment indicates that John W. North High School is an example of a building type associated with Modern architecture in Riverside, and the school was included in the City's Modernism Context Statement in April 2010. As provided in Chapter 3, *Revisions to the Circulated Draft MND*, of this Final MND, Section 3.5(a) of the Initial Study has been updated to reflect this new information. An addendum to the Cultural Resources Summary Report has also been prepared to reflect this information. The addendum is attached to this response letter. These changes do not affect the conclusions made in the Draft MND. Impacts to historical resources would remain less than significant.



2. Response to Comments

- C-6 The comment proposes to amend Mitigation Measure 2 so that the construction hours specified in the measure are consistent with Title 7, Noise, of the Riverside Municipal Code. Although the District is not required to adhere to the City's Municipal Code, this change has been made nonetheless. It is demonstrated in Chapter 3, *Revisions to the Circulated Draft MND*, of this Final MND. Impacts associated with construction noise would remain less than significant with the updated mitigation measure.
- C-7 The comment refers to Mitigation Measure 8 and states that it is adequate mitigation to reduce traffic impacts to levels below significance. No response is necessary.
- C-8 The comment suggests that Mitigation Measure 10 is inadequate to reduce potentially significant parking impacts and that the District should enter into a shared parking agreement with the owners of nearby commercial/industrial parking lots. The District has considered such an agreement, but has determined that it is not favorable because there would be a fee associated with renting the parking lots. In order to recoup the cost, the District would need to charge a fee for their use. It is likely that such a fee would discourage people from using the lots and they would continue to park on the streets.
- The District, however, believes that Mitigation Measure 10, which proposes an educational program to discourage parking on residential streets, will work. Additionally, the District plans to monitor parking needs during high-capacity events at the football and track field.
- Lastly, please note that Mitigation Measure 10 was not proposed to reduce potentially significant parking impacts. As discussed under section 3.16 (g) of the Draft MND, with on-street parking within the industrial areas, one-quarter mile from the proposed track and field, parking impacts associated with at-capacity events would be less than significant. For this reason, parking impacts were not identified significant in the Draft MND, and technically mitigation is not required and Mitigation Measure 10 can be eliminated. However, the District feels that Mitigation Measure 10 should remain as it would allow the District and school administrators to remain vigilant of the potential nuisance that could be created with possible parking associated with the track and field within the residential areas. Therefore, Mitigation Measure 10 will continue to be required as a part of project approval.
- C-9 The comment states that Mitigation Measure 9 is inconsistent with the Municipal Separate Storm Sewer System (MS4) permitting requirements, and consequently would result in indirect impacts to water quality. The comment is noted. The District will not "hose down" the basketball court. The mitigation measure has been updated, as provided in Chapter 3 of this document.
- C-10 The comment asserts that the City's most current information described in the City of Riverside Public Utilities 2010 Urban Water Management Plan (UWMP) concerning water supply should be utilized in the Initial Study. Revisions to the Initial Study have been made in Chapter 3, *Revisions to the Circulated Draft MND*, of this Final MND. As stated in the comment, the updated information does not affect the conclusions associated with water supply. Project impacts to water supply and infrastructure remain less than significant.

2. Response to Comments

- C-11 The comment concludes that the Initial Study needs to be revised based on the comment letter, to ensure that project impacts will be fully mitigated to less than significant levels. The District has adequately addressed the City's concerns associated with the Initial Study, as provided in Responses C-1 through C-10, and has determined that with the implementation of mitigation measures, as amended, the proposed project would not result in a significant impact to the environment. The District appreciates the City's continued support of its capital improvement projects.



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Site Photograph



View of existing cargo containers and batting cages along Linden Street.

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ADDENDUM REPORT:

A SUMMARY REPORT ON THE PROPOSED IMPROVEMENTS AT THE JOHN W. NORTH HIGH SCHOOL CAMPUS IN THE CITY OF RIVERSIDE, RIVERSIDE COUNTY, CALIFORNIA

- 1550 Third Street, Riverside, CA 92507 -

by:

Jeanette A. McKenna, Principal
McKenna et al., Whittier CA
January 18, 2012

INTRODUCTION

McKenna et al. initiated cultural resources investigations for the John W. North High School campus at 1550 Third Street, Riverside, California, at the request of The Planning Center, Los Angeles, California. These studies were initially completed in August, 2010, in support of a Mitigated Negative Declaration. Subsequently, McKenna et al. was informed the City of Riverside had completed a Modernism Context Statement (Nov. 2009; approved by the City in April, 2010) and this study referenced John W. North High School. McKenna et al. has amended the 2010 report to reflect this new information. These studies were completed by Jeanette A. McKenna (M.A.) and Kristina Lindgren (B.A.) of McKenna et al. Ms. McKenna is a Registered Professional Archaeologist (RPA) and meets the Secretary of the Interior standards for recognition as a professional cultural resource manager (Attachment 1).

PROJECT DESCRIPTION

The currently proposed project (improvements) at John W. North High School includes the modernization of the existing track, the football field (with the installation of artificial turf), improvements to the basketball and tennis courts, and pool. Proposed structures include a concession stand, restrooms, ticket booth, and covered bleachers. Solar panels will be installed at the pool, bleachers will be constructed at the track, and new lighting and a scoreboard will be added. A new gymnasium will also be constructed.

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JOHN W. NORTH HIGH SCHOOL

John W. North High School (Figures 1-3) is located at 1550 Third Street, Riverside, Riverside County, California. The existing campus was established in 1965 (constructed in 1964) and has a current enrollment of approximately 2600 students. The school was named for the founder of Riverside, who died at the age of 75 and is buried in Riverside (d. 1890).



Figure 1. Proposed Improvements, John W. North High School.

The core area of the campus is located in the eastern portion of the campus. The proposed improvements will be completed in the fields to the west of the core complex. The existing campus was 45 years old in 2010 and is currently 47 years old, rendering it too young for consideration as a significant under federal guidelines and marginally eligible (by age) for state recognition. However, as noted in the City's Modernism Context Statement of 2009, the City of Riverside has no age requirement for local recognition.

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PREVIOUS RESEARCH

A standard archaeological records search was completed at the University of California, Riverside, Eastern Information Center. This research resulted in the identification of thirteen studies within a one-half mile radius of the John W. North campus (RI-2050, RI-3383, RI-3605, RI-3693, RI-4404, RI-4799, RI-4813, RI-5056, RI-5748, RI-5873, RI-6088, RI-6838, and 7169). None of these studies involved the school site. The City of Riverside Modernism Context Statement was not identified in the records search.



Figure 2. Aerial Overview of John W. North High School, Riverside, California.

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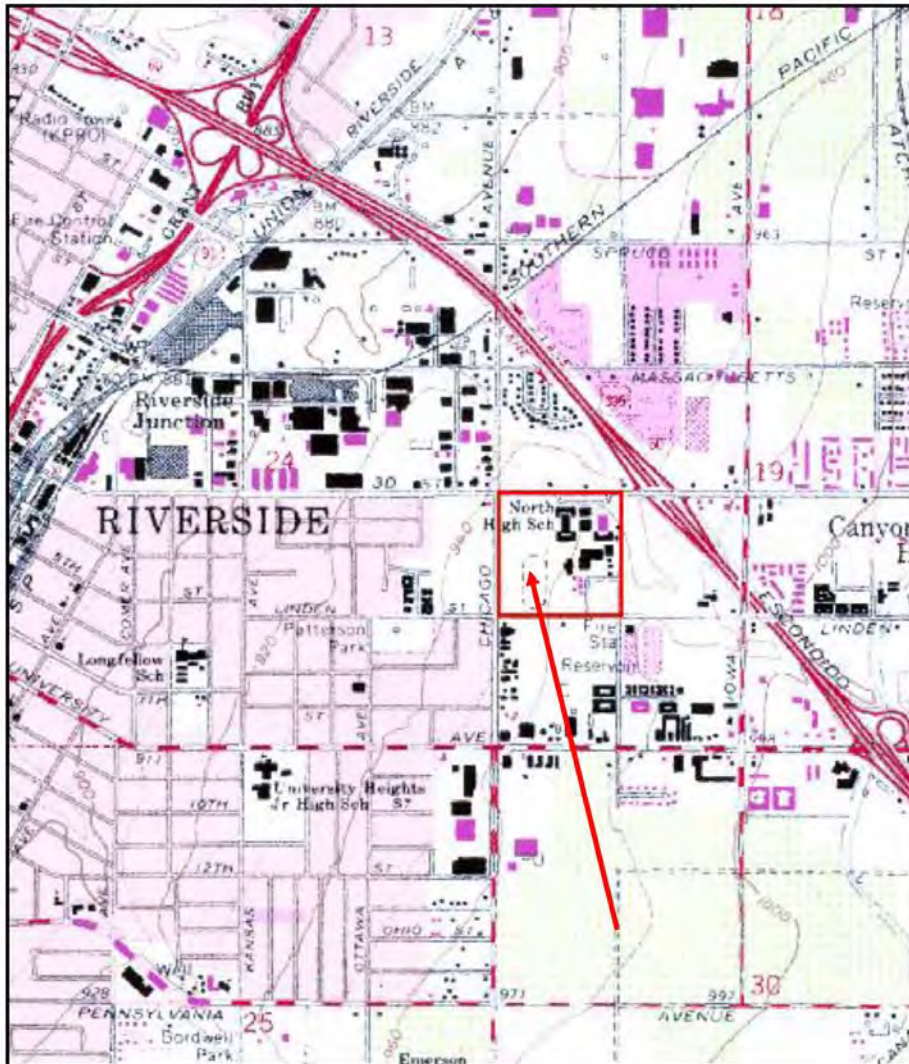


Figure 3. Specific Location of the Project Area.

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As a result of the studies listed above, a total of twenty-seven cultural resources were identified within one half mile of the project area (Table 1). The majority of these resources were recorded as a result of investigations for a proposed school site southeast of University Avenue and Ottawa Avenue (McKenna 2005).

Table 1. Resources Identified within One Half Mile of John W. North High School.

Site No.	Citation	Description	Location
33-009691	Kneisel et al. (1985)	Peter Weber House	Outside
		1510 University Avenue	
		Riverside City Landmark #52	
33-009774	Ashkar (1999)	Southern Pacific Railroad	Outside
33-015155	McKenna (2005)	1886 University Avenue	Outside
33-015156	McKenna (2005)	3870 Ottawa Avenue	Outside
33-015157	McKenna (2005)	1810 University Avenue	Outside
33-015158	McKenna (2005)	3912 Ottawa Avenue	Outside
33-015159	McKenna (2005)	3940 Ottawa Avenue	Outside
33-015160	McKenna (2005)	1878 Ninth Street	Outside
33-015161	McKenna (2005)	1870 Ninth Street	Outside
33-015162	McKenna (2005)	1860 Ninth Street	Outside
33-015163	McKenna (2005)	1842 Ninth Street	Outside
33-015167	McKenna (2005)	1832 Ninth Street	Outside
33-015168	McKenna (2005)	1830 Ninth Street	Outside
33-015169	McKenna (2005)	1822 Ninth Street	Outside
33-015170	McKenna (2005)	1806 Ninth Street	Outside
33-015171	McKenna (2005)	3972 Ottawa Avenue	Outside
33-015172	McKenna (2005)	3982 Ottawa Avenue	Outside
33-015173	McKenna (2005)	1847 Tenth Street	Outside
33-015174	McKenna (2005)	1839 Tenth Street	Outside
33-015175	McKenna (2005)	1831 Tenth Street	Outside
33-015176	McKenna (2005)	1821 Tenth Street	Outside
33-015177	McKenna (2005)	4016-4038 Ottawa Avenue	Outside
33-015178	McKenna (2005)	1886 Tenth Street	Outside
33-015179	McKenna (2005)	1870 Tenth Street	Outside
33-015180	McKenna (2005)	1862 Tenth Street	Outside
33-015181	McKenna (2005)	1854 Tenth Street	Outside
33-015182	McKenna (2005)	1842 Tenth Street	Outside

The Peter Weber Residence at 1510 University Avenue was evaluated and determined to be eligible for listing in the National Register of Historic Places. However, it has not yet been listed.

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A review of historic maps showed the school site was associated with at least three structures (residences) prior to the redevelopment in ca. 1965. These residences were illustrated along the Third Street frontage and Chicago Avenue. There is a potential for historic archaeological resources in these three locations (the upper baseball fields).

A review of data provided by the Los Angeles County Museum of Natural History (McLeod 2004 and 2007; on file, McKenna et al.) has identified this general area as consisting of Quaternary alluvial deposits ranging in age from the late Pleistocene to the Holocene (older and younger alluvium). Shallow deposits in this area are not likely to yield evidence of fossil specimens. However, deeper deposits of older Quaternary alluvium may, in fact, yield such evidence. At this time, it is not likely that fossils will be present or identified within the project area, but should significant excavations be needed, care should be taken to protect, recover, and analyze any paleontological specimens that may be uncovered.

A review of the City of Riverside Modernism Context Statement (2009; on file, McKenna et al.) resulted in the identification of John W. North High School as one of 164 (+/-) properties within the City that were considered to be "individually significant properties." However, in reading through this report, it was also noted that the school was tentatively identified as a "7R" rating, meaning the property was not evaluated for the California Register of Historic Resources and only identified during a reconnaissance survey.

The first mention of John W. North High School was noted on page 30 of the Context Statement. Here, the school was identified as an educational property reflecting "... national trends in both plan and architecture." Subsequently, the school is listed in Appendix I as a property included in the Statement Study List. This same Modernism Context Statement included the recordation of 20 properties identified as "threatened." John W. North High School was not identified as a "threatened" property in 2009-2010 and was not formally recorded or assigned a state primary reference number.

McKenna et al. contacted the Native American Heritage Commission to inquire into the known presence/absence of Native American sacred or religious sites in the area. Results noted no evidence of any such resources and no listings for any such resources. It is unlikely that such resources will be present within the project area. If, however, potentially sacred or religious artifacts are identified within the project area, the Most Likely Descendant (MLD) for the local Native American community must be notified and permitted to consult with respect to the disposition of the resources.

CONCLUSION AND RECOMMENDATIONS

The currently proposed improvements to the John W. North High School campus in the City of Riverside are limited to improvements within the existing sports complex and will not involve any alterations to the existing campus complex. The school was constructed in 1964-1965 and, therefore, is not considered historically significant for evalua-

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tion via federal criteria. Its relative age does suggest it meets the minimal age requirement for consideration on the state level (CEQA = 45 to 50 years for evaluation purposes). The City of Riverside has no age requirements for consideration as a locally significant property and, based on the 2009 Context Statement, this property is tentatively considered significant on the local level for its architectural design as an example of Modernism.

McKenna et al. completed the initial studies in support of a Mitigated Negative Declaration in August of 2010 and provided a supplement in October, 2010. The McKenna et al. studies initially concluded the only sensitive areas of the campus for cultural resources were along Third Street and Chicago Avenue (the northern baseball fields), where early residences were once present. It is unlikely evidence of these early resources will be identified, given the extent of impacts to these areas, including the demolition of the residences. However, McKenna et al. recommends the School District be aware of this potential and have an archaeological consultant on-call to assess any cultural resources that may be uncovered as a result of the proposed campus improvements.

With respect to the existing High School, supplemental research and review of the City of Riverside Modernism Context Statement have resulted in the concurrence that the school buildings represent architectural design elements identified as representative of "Modernism." In this case, the elements are identifiable, but not unique. The limited scope of the proposed improvements to the campus will not involve any alterations to the school buildings and, therefore, McKenna et al. has concluded the proposed improvements will not result in any adverse environmental impacts. McKenna et al. has completed the DPR-523 forms for this school and has submitted them to the UCR Eastern Information Center for assignment of a permanent primary reference number.

Finally, it should be noted that if evidence of Native American resources is uncovered, a local Native American representative should be consulted to assist in the accurate recordation and recovery of the resource(s). If, at any time, evidence of human remains is identified, the County Coroner must be notified and all protocols followed.

Supplemental information is attached to this letter report. Questions regarding the information provided in this letter report should be directed to the author, Jeanette A. McKenna, at McKenna et al., Whittier, California.

Jeanette A. McKenna
Jeanette A. McKenna, Principal, McKenna et al.

January 18, 2012
Date

6008 Friends Avenue, Whittier, California 90601-3724 email = jmckena@earthlink.net
(562) 696-3852 OFFICE and FAX (562) 754-7712 CELL (480) 664-0682 AZ



2. Response to Comments

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3. Revisions to the Circulated Draft MND

3.1 INTRODUCTION

This section contains revisions to the Draft MND based upon (1) additional or revised information required to prepare a response to a specific comment; (2) applicable updated information that was not available at the time of Draft MND publication; and/or (3) typographical errors.

Changes made to the Draft MND are identified here in ~~strikeout text~~ to indicate deletions and in underlined text to signify additions.

3.2 DRAFT MND REVISIONS

Page 41, Section 3.5, Cultural Resources. The following revision has been made to respond to Comment C-5, as included in this Final MND.

3.5 CULTURAL RESOURCES

The information and analysis in this section is based partly on the following technical studies study:

- McKenna et al. 2010, August 16. A Summary Report on the Proposed Improvements at the John W. North High School Campus in the City of Riverside, Riverside County, California.

This report is included in Appendix B of this document (Draft MND/Initial Study).

- McKenna et al. 2012, January 18. Addendum Report: A Summary Report on the Proposed Improvements at the John W. North High School Campus in the City of Riverside, Riverside County, California.

This report is attached to Comment Letter C of the Final MND.

Page 41, Section 3.5 (a), Cultural Resources. The following revision has been made to respond to Comment C-5, as included in this Final MND.

The John W. North High School campus was constructed in 1964–1965. In their cultural report, McKenna et al. concluded that, due to the relatively young age of the campus, the campus does not meet the age requirements of the National Register of Historic Places or requirements of the California Register of Historic Resources. Therefore it does is not qualify as historically significant under the federal and state programs and contains no historic structures, buildings, or other historical resources. However, the City of Riverside has no age requirement for consideration of locally historically significant properties. In its 2009 Citywide Historic Modernism Context Statement, the City designated John W. North High School an example of a building type associated with Modern architecture. Since the proposed improvements are limited to the



3. Revisions to the Circulated Draft MND

existing sports facilities and would not involve any alterations to the existing structures, the implementation of the proposed project would not impact any identified historical resources on the site. No significant impact would occur, and no mitigation is required.

Page 69, Section 3.12 (d), Noise. The following revision has been made to respond to Comment C-6, as included in this Final MND.

Mitigation Measures

2. Construction activities, deliveries, and haul trucks shall be restricted to the daytime hours of 7:00 AM to ~~8:00 PM~~ 7:00 PM on weekdays and 8:00 AM to 5:00 PM on Saturdays. No construction activities shall be permitted on Sundays or federal holidays. These restrictions shall be applicable for the duration of the construction period.
-

Page 103, Section 3.16 (g), Transportation/Traffic. The following revision has been made to correct typographical errors in Mitigation Measure 9.

Mitigation Measures

9. ~~Should Use~~ the paved basketball courts be used as an overflow parking area during high-attendance events, immediately after the event, the morning after the event, and/or before the basketball courts are used for recreational purposes, the District, administrators at John W. North High School, and/or their delegates shall ~~hese~~ down and clean the ~~se~~ areas of the basketball court, as needed, where vehicles parked.
-

Page 104, Section 3.17 (b), Utilities and Service Systems. The following revision has been made to respond to Comment C-10, as included in this Final MND.

- b) **Require or result in the construction of new water or waste water treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?**

Less Than Significant Impact. Riverside Public Utilities (RPU) provides water to the City of Riverside and ~~would currently~~ provides water to the project site. In 2010, RPU's water supplies consisted of 84,731 acre-feet (af) of groundwater from the Bunker Hill and Riverside Groundwater Basins and 260 af of recycled water. ~~In 2005 RPU's water supplies consisted of roughly 72,033 acre-feet (af) of groundwater from the Bunker Hill and Riverside Groundwater Basins; 2,300 af of imported water imported from Northern California and obtained through the Western Municipal Water District (WMWD); and 200 af of recycled water. Thus, groundwater comprised roughly 97 percent of RPU's water supplies that year. RPU forecasts in their 2010 2005 Urban Water Management Plan that in normal-year water conditions in 2035 2030, its total water supplies will be about 143,226 116,421 acre-feet per year (afy) and total demands would be 115,600 104,374 afy, for a surplus of supplies over demands of roughly 27,626 12,047 afy. Imported water obtained through WMWD is treated at the Metropolitan Water District of Southern California's Henry Mills Treatment Plant in the City of Riverside, which has a capacity of 326 million gallons per day or about 365,000 afy (MWDSC 2007).~~

3. Revisions to the Circulated Draft MND

Wastewater treatment service is provided to the project area by the City of Riverside Department of Public Works. The Riverside Regional Water Quality ~~Control Treatment~~ Plant has a design capacity of 40 million gallons per day (mgd), and the current average daily flow is approximately ~~34~~ ~~33~~ mgd. The City projects that wastewater generation within the area served by the treatment plant will increase to approximately ~~46~~ ~~53.9~~ mgd by ~~2015~~ ~~2030~~. The ultimate master planned capacity of the treatment plant is ~~52~~ ~~69~~ mgd, anticipated to be implemented by ~~2026~~, as stated in the ~~2010~~ ~~2005~~ RPU Department Urban Water Management Plan.

Page 109, Section 4.1, *Printed References*. The following revision has been made to respond to Comment C-5, as included in this Final MND.

McKenna et al. 2011, January 18. Addendum to a Summary Report on the Proposed Improvements at the John W. North High School Campus in the City of Riverside, Riverside County, California.

Page 109, Section 4.1, *Printed References*. The following revision has been made to respond to Comment 3-10, as included in this Final MND.

Riverside Public Utilities Department (RPU). 2011, July. Final 2010 Urban Water Management Plan. 2005, December 20. Urban Water Management Plan.



3. Revisions to the Circulated Draft MND

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Appendix A. Mitigation Monitoring and Reporting Program



Appendix

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**MITIGATION
MONITORING AND
REPORTING
PROGRAM
FOR:**

**JOHN W. NORTH
HIGH SCHOOL
ATHLETIC FACILITIES
MASTER PLAN
COMPLETION**



prepared for:

**RIVERSIDE UNIFIED
SCHOOL DISTRICT**

*Contact:
Janet Dixon
Director, Planning and
Development*

prepared by:

**THE PLANNING
CENTER**

*Contact:
Barbara Wu Heyman
Director, School
Facilities Planning*

JANUARY 2012

**MITIGATION
MONITORING AND
REPORTING
PROGRAM
FOR:**

**JOHN W. NORTH HIGH
SCHOOL ATHLETIC
FACILITIES MASTER
PLAN COMPLETION**



prepared for:

**RIVERSIDE UNIFIED
SCHOOL DISTRICT**

3070 Washington Street
Riverside, CA 92504
951.788.7496 ext. 84003

Contact:
Janet Dixon
Director, Planning and
Development

prepared by:

**THE PLANNING
CENTER**

3 MacArthur Place, Suite 1100
Santa Ana, CA 92707
Tel: 714.966.9220 • Fax: 714.966.9221
E-mail: information@planningcenter.com
Website: www.planningcenter.com

Contact:
Barbara Wu Heyman
Director, School Facilities
Planning

RIV-12.0E

JANUARY 2012

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1. Introduction

When a lead agency adopts a Mitigated Negative Declaration (MND) for a proposed project, the agency must also adopt a program for the reporting or monitoring of mitigation measures identified in the MND. The primary purposes of the monitoring program are to ensure that the mitigation measures identified in the MND are implemented and that environmental effects are minimized. The monitoring program provides 1) a mechanism for giving agency staff and decision-makers feedback on the effectiveness of their actions; 2) a learning opportunity for improved mitigation measures on future projects; and 3) a means of identifying corrective actions, if necessary, before irreversible environmental damage occurs.

1.1 PURPOSE OF MITIGATION MONITORING AND REPORTING PROGRAM

This Mitigation Monitoring and Reporting Program has been developed to provide a vehicle by which to monitor mitigation measures and conditions of approval outlined in the John W. North High School Athletic Facilities Master Plan Completion MND, State Clearinghouse No. 2011121033. The Mitigation Monitoring and Reporting Program has been prepared in conformance with Section 21081.6 of the Public Resources Code and Riverside Unified School District monitoring requirements. Section 21081.6 states:

- (a) When making findings required by paragraph (1) of subdivision (a) of Section 21081 or when adopting a mitigated negative declaration pursuant to paragraph (2) of subdivision (c) of Section 21080, the following requirements shall apply:
 - (1) The public agency shall adopt a reporting or monitoring program for the changes made to the project or conditions of project approval, adopted in order to mitigate or avoid significant effects on the environment. The reporting or monitoring program shall be designed to ensure compliance during project implementation. For those changes which have been required or incorporated into the project at the request of a responsible agency or a public agency having jurisdiction by law over natural resources affected by the project, that agency shall, if so requested by the lead or responsible agency, prepare and submit a proposed reporting or monitoring program.
 - (2) The lead agency shall specify the location and custodian of the documents or other material which constitute the record of proceedings upon which its decision is based.



The Riverside Unified School District (District) is the lead agency under CEQA for the proposed John W. North High School Athletic Facilities Master Plan Completion project (Proposed Project). As the lead agency, the overall MMRP management, review of all monitoring reports, enforcement actions, and document disposition are the responsibility of the District. The District will be required to ensure that the mitigation measures identified in the subject MND, as adopted, are adequately implemented. The District may delegate duties and responsibilities to environmental monitors or other professionals, as warranted.

1.2 PROJECT LOCATION

The project site is within the campus of John W. North High School, at 1550 3rd Street in the City of Riverside, County of Riverside. The 36.5-acre campus covers Assessor's Parcel Numbers (APN) 250140006 and 250140007. The project site itself occupies approximately nine acres on three noncontiguous portions in

1. Introduction

the western portion of the campus, including the existing football and track field, aquatic center, baseball and softball fields, tennis courts, basketball courts, staff parking lot, and the area of the existing marquee at the northwest corner of the campus, southeast corner of Chicago Avenue and 3rd Street.

1.3 SUMMARY OF PROPOSED PROJECT

The proposed project entails enhancing the existing swimming facilities, football/track field, ballfields, and hardcourt areas. The modernized aquatic center would include a 30-meter by 25-yard pool with deck lighting and covered bleachers, and a new building for storage and mechanical equipment. The improved lighted football/track field would have synthetic turf and a nine-lane, all-weather track. It would also include 3,400 permanent spectator seats, 2,650 seats more than the existing. The football/track field would also include two buildings for restroom and concession facilities, and storage. The existing softball and baseball field lights would be replaced. Two new tennis courts would be developed in the area of the existing basketball and volleyball courts, and two new basketball courts would be developed in the center of the campus, at an existing staff parking lot. The project would result in the loss of 30 parking spaces. The project also includes upgrading the existing marquee at the corner of 3rd Street and Chicago Avenue and would also result in storm drain system improvements.

1.4 ENVIRONMENTAL IMPACTS

An Initial Study was prepared to identify the potential effects on the environment from the construction and operation of the proposed project and to evaluate the significance of those effects. Based on the Initial Study, the proposed project would have no impact or less-than-significant environmental impacts related to the following issues:

- Aesthetics
- Agricultural and Forest Resources
- Biological Resources
- Cultural Resources
- Geology and Soils
- Greenhouse Gas Emissions
- Hazards and Hazardous Materials
- Hydrology and Water Quality
- Land Use and Planning
- Mineral Resources
- Population and Housing
- Public Services
- Recreation
- Utilities and Service Systems

1.5 POTENTIALLY SIGNIFICANT ADVERSE IMPACTS THAT CAN BE MITIGATED, AVOIDED, OR SUBSTANTIALLY LESSENE

The environmental assessment presented in the Initial Study identified three environmental areas which would be potentially significantly impacted unless mitigation measures are incorporated into the project:

- Air Quality
- Noise and Vibration
- Transportation and Traffic

2. *Mitigation Monitoring*

2.1 **MITIGATION MEASURES MATRIX**

Project-specific mitigation measures have been categorized in matrix format, as shown in the table below. The mitigation matrix will serve as the basis for scheduling the implementation of and compliance with all mitigation measures. The matrix identifies the following information:

- Environmental area potentially impacted (e.g., air quality, noise and vibration, and traffic);
- Specific mitigation measures;
- Responsible party (the body that would implement the mitigation measures);
- Implementation phase (the stage of the project during which the required mitigation measure would be implemented);
- Enforcement agency (the body that would ensure that the mitigation is correctly and implemented in a timely manner);
- Monitoring agency (the body that would ensure that the mitigation is completed).

The matrix also includes a column for the monitor to verify completion of the mitigation measure, date of the monitoring activity, and any related remarks for each mitigation measure.



2. Mitigation Monitoring

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2. Mitigation Monitoring

**Table 2-1
Mitigation Monitoring and Reporting Program**

<i>Mitigation Measure</i>	<i>Responsibility for Implementation</i>	<i>Timing</i>	<i>Responsibility for Monitoring</i>	<i>Monitor (Signature Required) (Date of Compliance)</i>
AIR QUALITY				
1. The District shall specify in the construction bid that construction contractors are required to use construction equipment rated by the United States Environmental Protection Agency as having Tier 3 or higher exhaust emission limits (e.g., year 2006 model year or newer) for equipment over 50 horsepower. Tier 3 equipment shall be used onsite. Prior to the start of construction activities, the construction contractor shall provide a list of all operating equipment to the construction manager to confirm that the list complies with this mitigation measure. The construction equipment list shall state the makes, models, power output, and numbers of construction equipment onsite.	Riverside Unified School District (District), Construction Contractor, and Construction Manager	Prior to selecting the Construction Manager and during all construction efforts.	Construction Contractor and District	
NOISE AND VIBRATION				
2. Construction activities, deliveries, and haul trucks shall be restricted to the daytime hours of 7:00 AM to 7:00 PM on weekdays and 8:00 AM to 5:00 PM on Saturdays. No construction activities shall be permitted on Sundays or federal holidays. These restrictions shall be applicable for the duration of the construction period.	Construction Contractor and Construction Manager	During all construction efforts.	Construction Contractor and District	
3. Prior to the start of and for the duration of construction, the contractor shall properly maintain and tune all construction equipment in accordance with the manufacturer's recommendations to minimize noise emissions.	Construction Contractor and Construction Manager	Prior to the start of and during all construction efforts.	Construction Contractor and District	
4. Prior to use of any construction equipment, the contractor shall fit all equipment with properly operating mufflers, air intake silencers, and engine shrouds no less effective than as originally equipped by the manufacturer.	Construction Contractor and Construction Manager	Prior to the start of and during all construction efforts.	Construction Contractor and District	
5. The construction contractor shall post a sign, clearly visible onsite, with a contact name and telephone number of the Riverside Unified School District's authorized representative to respond in the event of a noise complaint.	Construction Contractor and Construction Manager	Prior to the start of and to remain during all construction efforts.	Construction Contractor and District	

2. Mitigation Monitoring

**Table 2-1
Mitigation Monitoring and Reporting Program**

Mitigation Measure	Responsibility for Implementation	Timing	Responsibility for Monitoring	Monitor (Signature Required) (Date of Compliance)
6. Prior to construction, the Riverside Unified School District's construction contractor shall coordinate with the school administrator(s) for John W. North High School to discuss construction activities that generate high noise and vibration levels. Coordination between the school administrator(s) and the construction contractor shall continue on an as-needed basis throughout the construction phase of the project to avoid potential disruption of classroom activities.	Construction Contractor and Construction Manager	Prior to the start of and during all construction efforts.	Construction Contractor and District	
7. During construction, the construction contractor shall place stationary construction equipment and material delivery (loading/unloading) areas a minimum of 100 feet from adjacent residential land uses and classroom buildings.	Construction Contractor and Construction Manager	Prior to the start of and during all construction efforts.	Construction Contractor and District	
TRANSPORTATION AND CIRCULATION				
8. To ensure that site-generated traffic does not coincide with peak commuter traffic, the District and/or school shall not schedule any capacity-level events (or those with more than 2,500 spectators) to begin at times between 4:30 PM and 6:00 PM on Monday through Friday.	JW North High School Administrators	Prior to the start of each school year.	District	
9. Should the paved basketball courts be used as an overflow parking area during high-attendance events, immediately after the event, the morning after the event, and/or before the basketball courts are used for recreational purposes, the District, administrators at John W. North High School and/or their delegates shall clean the areas of the basketball court, as needed, where vehicles parked.	JW North High School Administrators and/or school delegates (e.g., janitors)	After each use of the basketball courts as overflow parking.	District	
10. Provide information to students and parents prior to each football season, prior to a rival football game, and prior to any other major event at the track and field (such as graduation) to discourage them from parking in the residential areas and to direct them to park on the industrial streets during times when the onsite parking lots are full.	JW North High School Administrators and/or school delegates (e.g., homeroom teachers)	Prior to high-attendance events at the track and field.	District	

**MITIGATED
NEGATIVE
DECLARATION AND
INITIAL STUDY
FOR:**

**JOHN W. NORTH HIGH
SCHOOL ATHLETIC
FACILITIES MASTER
PLAN COMPLETION**



prepared for:

**RIVERSIDE UNIFIED
SCHOOL DISTRICT**

Contact:
Janet Dixon
Director, Planning and
Development

prepared by:

**THE PLANNING
CENTER**

Contact:
Barbara Wu Heyman
Director, School
Facilities Planning

DECEMBER 2011



Riverside Unified School District Operations Division – Planning and Development

3070 Washington Street, Riverside, CA 92504-4697 • (951) 788-7496 • (951) 778-5646

JANET DIXON
Director, Planning and Development

December 9, 2011
**NOTICE OF INTENT TO ADOPT A
MITIGATED NEGATIVE DECLARATION**

PROJECT NAME: John W. North High School Athletic Facilities Master Plan Completion
COMMENT DUE DATE: 4:30 P.M., January 17, 2012

Notice is hereby given that Riverside Unified School District (District) has completed an Initial Study and Mitigated Negative Declaration (MND) for the project identified above in accordance with the California Environmental Quality Act (CEQA; Public Resources Code [PRC], §§ 21000 et seq.). Comments and concerns regarding the environmental issues associated with the proposed project are requested from individuals, agencies, and other organizations. For agencies reviewing this notice, we request your review as to the scope and content of the environmental information relevant to your agency’s statutory responsibilities in connection with the proposed project. Your agency will need to use the MND prepared by the District for the proposed project when considering any permit or other approval that your agency must issue for the project.

PROJECT LOCATION: The proposed improvements are within John W. North High School, at 1550 3rd Street in the City of Riverside, Assessor’s Parcel Numbers 250140006 and 250140007. The project would include improvements on three noncontiguous areas within the campus, totaling 9 acres of the approximately 37-acre campus. The majority of the site is bound by Linden Street to the south, school athletic fields to the west and north, and school buildings to the east. The small eastern noncontiguous portion of the site is surrounded by school buildings in the center of the campus. The small northern noncontiguous portion is at the corner of Chicago Avenue and 3rd Street.

PROJECT DESCRIPTION: The proposed project entails enhancing the existing swimming facilities, football/track field, ball fields, and hardcourt areas. The modernized aquatic center would include a 30-meter by 25-yard pool with deck lighting and covered bleachers, and a new building for storage and mechanical equipment. The improved lighted football/track field would have synthetic turf and a nine-lane, all-weather track. It would also include 3,400 permanent spectator, 2,650 seats more than the existing. The football/track field would also include two buildings for restroom and concession facilities, and storage. The existing softball and baseball field lights would be replaced. Two new tennis courts would be developed in the area of the existing basketball and volleyball courts, and two new basketball courts would be developed in the center of the campus, at an existing staff parking lot. The project would result in the loss of 30 parking spaces. The project also includes upgrading the existing marquee at the corner of 3rd Street and Chicago Avenue and would also improve the storm drain system.

HAZARDOUS MATERIALS SITES: The project site was listed on several lists enumerated under Section 65962.5 of the Government Code, most commonly as generator of hazardous waste; however, these hazardous materials, such as janitorial supplies, are used in small quantities, are typical of hazardous materials used by high schools, and do not pose a considerable risk to site occupants.

REPOSITORIES: The MND can be downloaded on the District website at <http://www.rusd.k12.ca.us>. Hard copies are available for review at the following repositories:

John W. North High School	Riverside Unified School District, Administrative Office	Riverside Unified School District Facilities Planning Office	Eastside Branch Library
1550 3rd Street	3380 14th Street	3070 Washington Street	4033-C Chicago Avenue
Riverside, California	Riverside, California	Riverside, California	Riverside, California

SUBMISSION OF COMMENTS: The MND is available for a public review period from December 12, 2011 to January 17, 2012. Comments on the adequacy of the document shall be postmarked on or before Tuesday, January 17, 2012. Please address comments to Janet Dixon, Director, Planning and Development, at the Riverside Unified School District, 3070 Washington Street, Riverside, CA 92504. Comments can also be sent by fax to (951) 778-5646 or by e-mail to jdixon@rusd.k12.ca.us.

Public Meeting: The District Board of Education will consider adoption of the MND at a regular meeting, tentatively scheduled on February 6, 2012 at 5:30 p.m., or soon thereafter, at the boardroom at the Riverside Adult School, 6735 Magnolia Avenue, Riverside. For additional information and/or to confirm the date and time of the meeting, please contact Janet Dixon.



Riverside Unified School District

Operations Division – Planning and Development

3070 Washington Street, Riverside, CA 92504-4697 • (951) 788-7496 • (951) 778-5646

December 9, 2011

MITIGATED NEGATIVE DECLARATION

Pursuant to the California Environmental Quality Act, the Riverside Unified School District has completed this Mitigated Negative Declaration for the project described below based on the assessment presented in the attached Initial Study.

Lead Agency: Riverside Unified School District

Project Proponent: Riverside Unified School District

Project Title: John W. North High School Athletic Facilities Master Plan Completion

Project Location: The proposed improvements are within John W. North High School, at 1550 3rd Street in the City of Riverside, Assessor's Parcel Numbers 250140006 and 250140007. The project would make improvements on three noncontiguous areas within the campus, totaling 9 acres of the approximately 37-acre campus. The majority of the site is bound by Linden Street to the south, school athletic fields to the west and north, and school buildings to the east. The small eastern noncontiguous portion of the site is surrounded by school buildings in the center of the campus. The small northern noncontiguous portion is at the corner of Chicago Avenue and 3rd Street.

Project Description: The proposed project entails enhancing the existing swimming facilities, football and track field, ball fields, and hardcourt areas. The modernized aquatic center would include a 30-meter by 25-yard pool with deck lighting and covered bleachers, and a new building for storage and mechanical equipment. The improved lighted football and track field would have synthetic turf and a nine-lane, all-weather track. It would also include 3,400 permanent spectator, 2,650 seats more than the existing. The football and track field would also include two buildings for restroom and concession facilities, and storage. The existing softball and baseball field lights would be replaced. Two new tennis courts would be developed in the area of the existing basketball and volleyball courts, and two new basketball courts would be developed in the center of the campus, at an existing staff parking lot. The project would result in the loss of 30 parking spaces. The project also includes upgrading the existing marquee at the corner of 3rd Street and Chicago Avenue and would also improve the storm drain system.

Existing Conditions: John W. North High School is a comprehensive high school serving students in grades 9 through 12. School buildings and the parking areas are on the eastern portion of the school, while the athletic amenities are on the western portion. The baseball fields are at the northwestern corner, while the softball fields are on the southwestern corner. The football and track field are east of the softball fields, and the tennis courts and basketball courts are farther east. The swimming pool is north of the basketball courts and east of the football and track field.

The project site contains a portion of the athletic facilities and a small parking lot in the center of the campus. These athletic facilities include the football and track

field with 750 spectator seats, six asphalt basketball courts, three asphalt volleyball courts, a pool with 200 spectator seats, and several small auxiliary buildings, including storage containers and an enclosed area containing pool equipment. The school currently contains 442 parking stalls, including 81 visitor/staff stalls in the northern parking lot along 3rd Street, 335 stalls in the student parking lot off Linden Street, and 26 staff parking stalls in the interior of the campus.

John W. North High School has a robust athletic program. Fall sports include football, volleyball, cross country, girls tennis, and boys water polo. Winter sports include boys and girls basketball, boys and girls soccer, girls water polo, and wrestling. Spring sports include baseball, softball, golf, swimming, boys tennis, and track and field. Both boys and girls water polo meets are held at Sippy Woodhead Pool on University Avenue. Football, cross country, and girls tennis practice occur at the campus during the summer months. However, due to the size of the existing football field, home and tournament football games are played elsewhere. All of the existing facilities are used by the community when not in use by the school via the Civic Center Act (Education Code Sections 38130 through 38139).

Document Availability: Copies of the Mitigated Negative Declaration and supporting Initial Study for the John W. North High School Athletic Facilities Master Plan Completion project are available on the District website at <http://www.rusd.k12.ca.us> and also available for review at the following locations:

John W. North High School
1550 3rd Street
Riverside, California

Eastside Branch Library
4033-C Chicago Avenue
Riverside, California

Riverside Unified School District
Administrative Office
3380 14th Street
Riverside, California

Riverside Unified School District
Facilities Planning Office
3070 Washington Street
Riverside, California

Summary of Impacts: The attached Initial Study was prepared to identify the potential effects on the environment from the construction and operation of the proposed project and to evaluate the significance of those effects. Based on the Initial Study, the proposed project would have no impacts or less-than-significant environmental impacts related to the following issues:

- Aesthetics
- Agricultural and Forest Resources
- Biological Resources
- Cultural Resources
- Geology and Soils
- Greenhouse Gas Emissions
- Hazards and Hazardous Materials
- Hydrology and Water Quality
- Land Use and Planning
- Mineral Resources
- Population and Housing
- Public Services
- Recreation
- Utilities and Service Systems

Significant Impacts: The environmental assessment presented in the Initial Study identifies three environmental areas which would be potentially significantly impacted unless mitigation measures are incorporated into the project:

- Air Quality
- Noise and Vibration
- Transportation and Traffic

Mitigation Measures: The mitigation measures listed below have been incorporated into the project and would effectively reduce all of the potentially significant environmental impacts identified in the Initial Study to less-than-significant levels.

Air Quality

1. The District shall specify in the construction bid that construction contractors are required to use construction equipment rated by the United States Environmental Protection Agency as having Tier 3 or higher exhaust emission limits (e.g., year 2006 model year or newer) for equipment over 50 horsepower. Tier 3 equipment shall be used onsite. Prior to the start of construction activities, the construction contractor shall provide a list of all operating equipment to the construction manager to confirm that the list complies with this mitigation measure. The construction equipment list shall state the makes, models, power output, and numbers of construction equipment onsite.

Noise and Vibration

2. Construction activities, deliveries, and haul trucks shall be restricted to the daytime hours of 7:00 AM to 8:00 PM for the duration of the construction period.
3. Prior to the start of and for the duration of construction, the contractor shall properly maintain and tune all construction equipment in accordance with the manufacturer's recommendations to minimize noise emissions.
4. Prior to use of any construction equipment, the contractor shall fit all equipment with properly operating mufflers, air intake silencers, and engine shrouds no less effective than as originally equipped by the manufacturer.
5. The construction contractor shall post a sign, clearly visible onsite, with a contact name and telephone number of the Riverside Unified School District's authorized representative to respond in the event of a noise complaint.
6. Prior to construction, the Riverside Unified School District's construction contractor shall coordinate with the school administrator(s) for John W. North High School to discuss construction activities that generate high noise and vibration levels. Coordination between the school administrator(s) and the construction contractor shall continue on an as-needed basis throughout the construction phase of the project to avoid potential disruption of classroom activities.
7. During construction, the construction contractor shall place stationary construction equipment and material delivery (loading/unloading) areas a

minimum of 100 feet from adjacent residential land uses and classroom buildings.

Transportation and Traffic

8. To ensure that site-generated traffic does not coincide with peak commuter traffic, the District and/or school shall not schedule any capacity-level events (or those with more than 2,500 spectators) to begin at times between 4:30 PM and 6:00 PM on Monday through Friday.
9. Use the paved basketball courts as an overflow parking area during high-attendance events. Immediately after the event, the morning after the event, and/or before the basketball courts are used for recreational purposes, the District, Administrators at John W. North High School and/or their delegates shall hose down and cleanse areas of the basketball court, as needed, where vehicles parked.
10. Provide information to students and parents prior to each football season, prior to a rival football game, and prior to any other major event at the stadium (such as graduation) to discourage them from parking in the residential areas and to direct them to park on the industrial streets during times when the onsite parking lots are full.

**INITIAL STUDY
FOR:**

**JOHN W. NORTH HIGH
SCHOOL ATHLETIC
FACILITIES MASTER
PLAN COMPLETION**



prepared for:

**RIVERSIDE UNIFIED
SCHOOL DISTRICT**

3070 Washington Street
Riverside, CA 92504
951.788.7496 ext. 84003

Contact:
Janet Dixon
Director, Planning and
Development

prepared by:

**THE PLANNING
CENTER**

3 MacArthur Place
Santa Ana, CA 92707
Tel: 714.966.9220 • Fax: 714.966.9221
E-mail: information@planningcenter.com
Website: www.planningcenter.com

Contact:
Barbara Wu Heyman
Director, School
Facilities Planning

RIV-12.0E

DECEMBER 2011

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1. Introduction

The Riverside Unified School District (District) is seeking approval from the District Board of Education for the John W. North High School Athletic Facilities Master Plan Completion project (Proposed Project). The project would make improvements to the athletic facilities at John W. North High School in the City of Riverside.

This document has been completed in accordance with the California Environmental Quality Act (CEQA; Public Resources Code [PRC], §§ 21000 et seq.). All projects within the State of California are required to undergo an environmental review to determine the environmental impacts associated with implementation of the project in accordance with CEQA. CEQA was enacted in 1970 by the California Legislature to disclose to decision makers and the public the significant environmental effects of proposed activities and the ways to avoid or reduce the environmental effects by requiring implementation of feasible alternatives or mitigation measures. CEQA applies to all California government agencies at all levels, including local agencies, regional agencies, and state agencies, boards, commissions, and special districts. In accordance with Section 15367 of the CEQA Guidelines, the District is the lead agency for the proposed project, since it is “the public agency which has the principal responsibility for carrying out or approving the project.”

1.1 PROJECT LOCATION

The project site is within the campus of John W. North High School, at 1550 3rd Street in the City of Riverside, County of Riverside. The 36.5-acre campus covers Assessor’s Parcel Numbers (APN) 250140006 and 250140007. The campus is bound by 3rd Street to the north, Chicago Avenue to the west, Linden Street to the south, and commercial uses to the east. Regional access to the campus is provided by Interstate 215 (I-215), approximately 1,000 feet northeast of the project site.

The project site itself occupies approximately nine acres on three noncontiguous portions of APN 250140006, in the western portion of the campus. The majority of the project site is bound by Linden Street to the south, school athletic fields to the west and north, and school buildings to the east. The small eastern noncontiguous portion of the site is surrounded by school buildings in the center of the main campus. The small northern noncontiguous portion is at the corner of Chicago Avenue and 3rd Street. The project location is shown in Figure 1, *Regional Location*, and Figure 2, *Local Vicinity*.

1.2 ENVIRONMENTAL SETTING

1.2.1 Existing Land Use

John W. North High School is a comprehensive high school and serves students in grades 9 through 12. During the 2011–2012 school year, it had an enrollment of 2,517 students, as listed in the California Department of Education DataQuest online database. The typical school year is between the months of August and June. Summer school is occasionally provided in July.

John W. North High School has a robust athletic program. Fall sports include football, volleyball, cross country, girls tennis, and boys water polo. Winter sports include boys and girls basketball, boys and girls soccer, girls water polo, and wrestling. Spring sports include baseball, softball, golf, swimming, boys tennis, and track and field. Both boys and girls water polo meets are held at Sippy Woodhead Pool on University Avenue. Football, cross country, and girls tennis practice occur at the campus during the summer months.



1. Introduction

However, due to the size of the existing football field, home and tournament football games are played elsewhere. All of the existing facilities are used by the community when not in use by the school via the Civic Center Act (Education Code Sections 38130 through 38139).

School buildings and the parking areas are on the eastern portion of the school, while the athletic amenities are on the western portion. The baseball fields are at the northwestern corner, while the softball fields are on the southwestern corner. The track and football field are east of the softball fields, and the tennis courts and basketball courts are farther east. The swimming pool is north of the basketball courts and east of the track and football field.

The project site contains a portion of the athletic facilities and a small parking lot in the center of the campus. These athletic facilities include the track and football field with 750 spectator seats, six asphalt basketball courts, three asphalt volleyball courts, a pool with 200 spectator seats, and several small auxiliary buildings, including storage containers and an enclosed area containing pool equipment. The school currently contains 442 parking stalls, including 81 visitor/staff stalls in the northern parking lot along 3rd Street, 335 stalls in the student parking lot off Linden Street, and 26 staff parking stalls in the interior of the campus. The project site is illustrated in Figure 3, *Aerial Photograph*. Photographs of the project site are included in Figure 4, *Site Photographs*.

The District has plans already underway to improve the outdoor tennis courts on the campus through use of a Community Development Block Grant (CDBG). The southernmost three tennis courts will be replaced, and the northernmost three will be refurbished. There is a joint use agreement between the District and City of Riverside for City use and operation of these tennis courts. The District found these improvements and their operation to be exempt from CEQA, and on November 18, 2010, filed a Notice of Exemption with the Riverside County Clerk.

1.2.2 Surrounding Land Use

The John W. North High School campus is in an area generally characterized by residential, commercial and industrial uses. Multiple-family residential buildings are south and west of the campus. Industrial facilities are directly across Linden Street from the campus. Immediately northeast of the campus is a shallow dirt ditch, and industrial uses immediately beyond that. The I-215 passes approximately 1,000 feet northeast of the project site. Patterson Park is approximately 900 feet west of the site. The nearest agricultural uses are approximately 2,000 feet south of the project site.

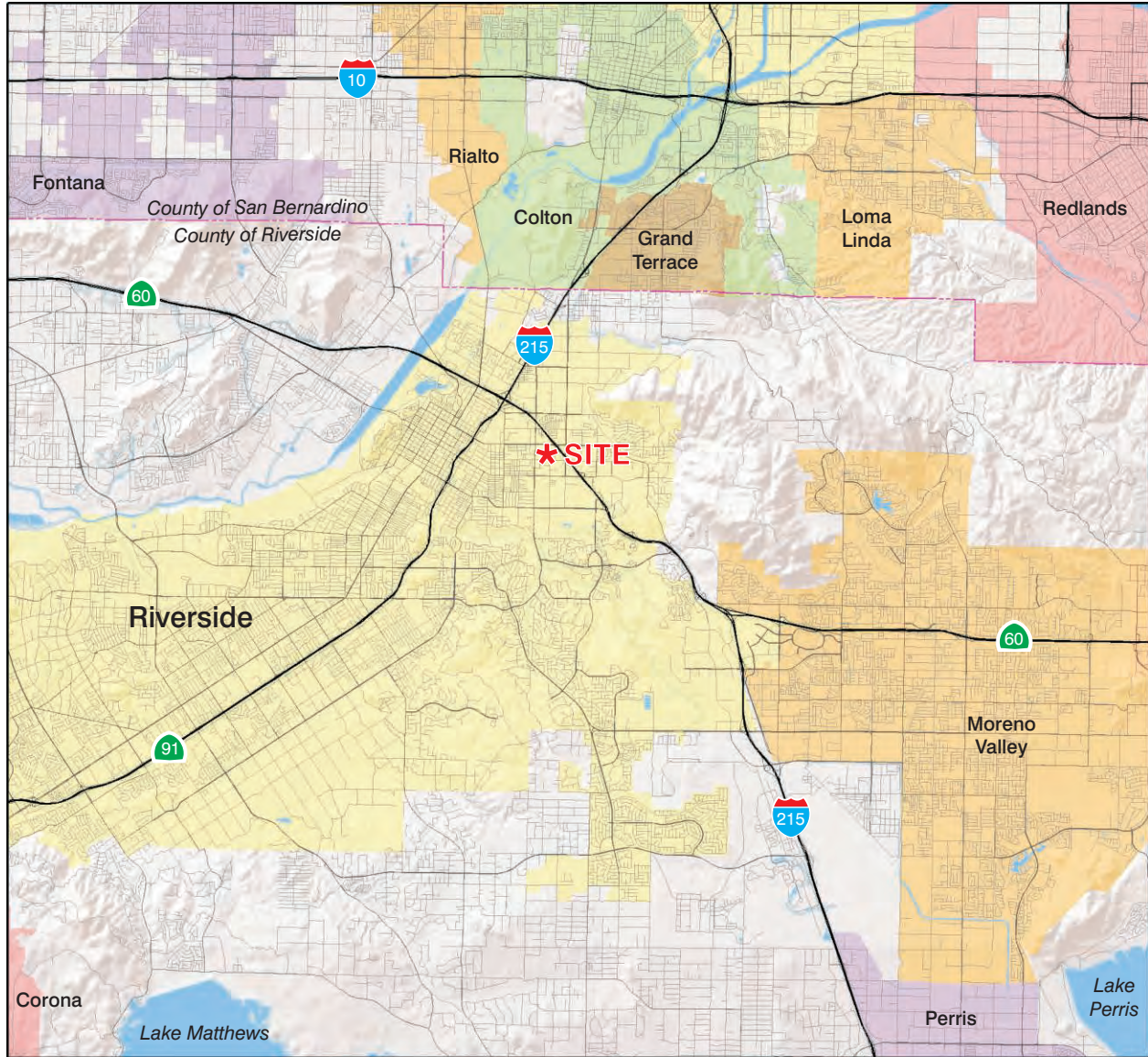
1.3 PROJECT DESCRIPTION

As a part of the John W. North High School Athletic Facilities Master Plan Completion project, the District is proposing to update and make improvements to the campus's recreational facilities and amenities. The improvements would be funded by Measure B, a \$175 million bond measure voters approved in 2001, and the City of Riverside Redevelopment Agency (RDA) funds. No state or federal funds would be used.

1.3.1 Proposed Improvements

All proposed improvements would be compliant with requirements of the American with Disabilities Act (ADA) and meet California Building Code requirements. Figure 5, *Site Plan*, illustrates the proposed improvements.

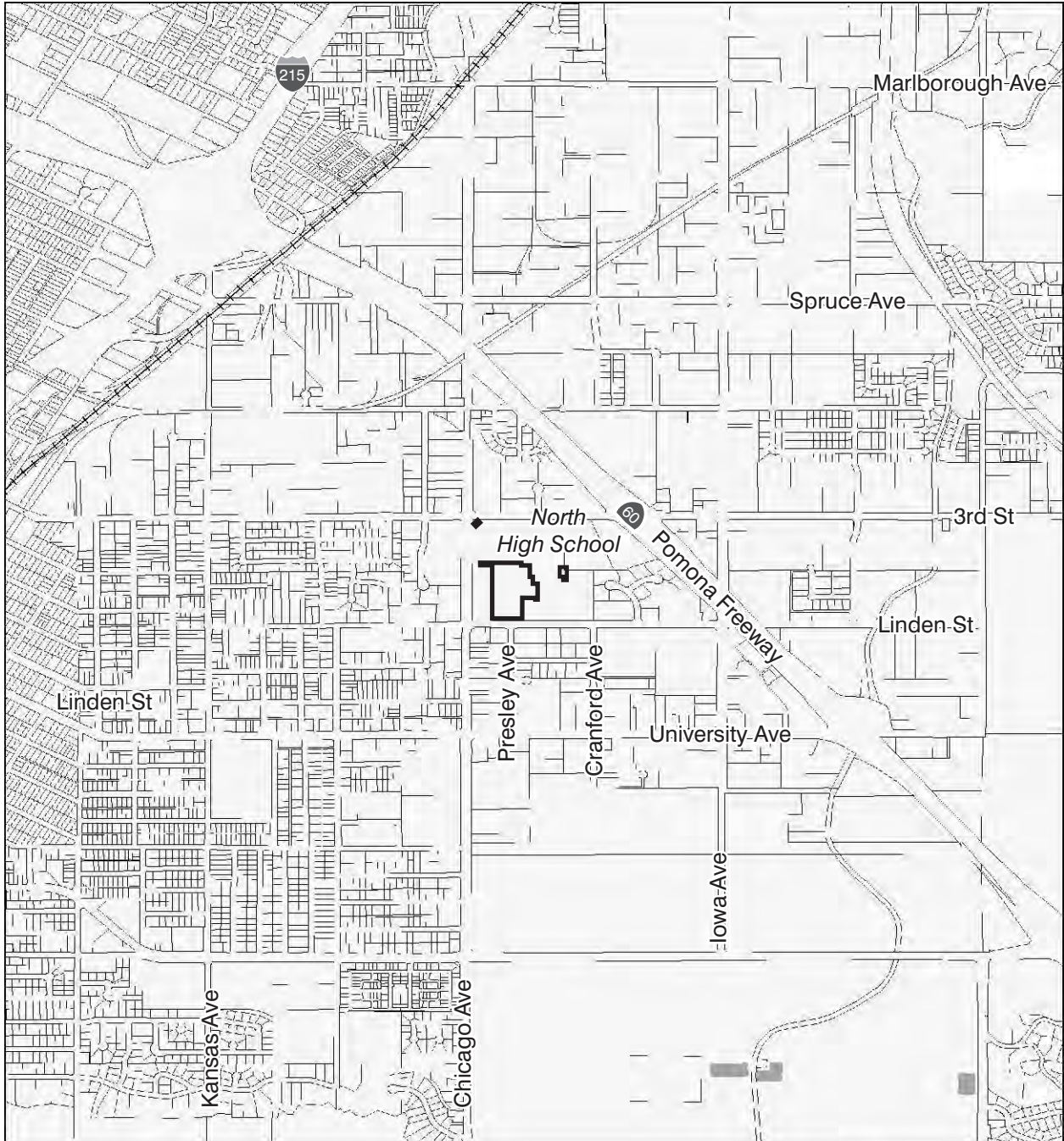
Regional Location



1. Introduction

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Local Vicinity



— Site Boundary

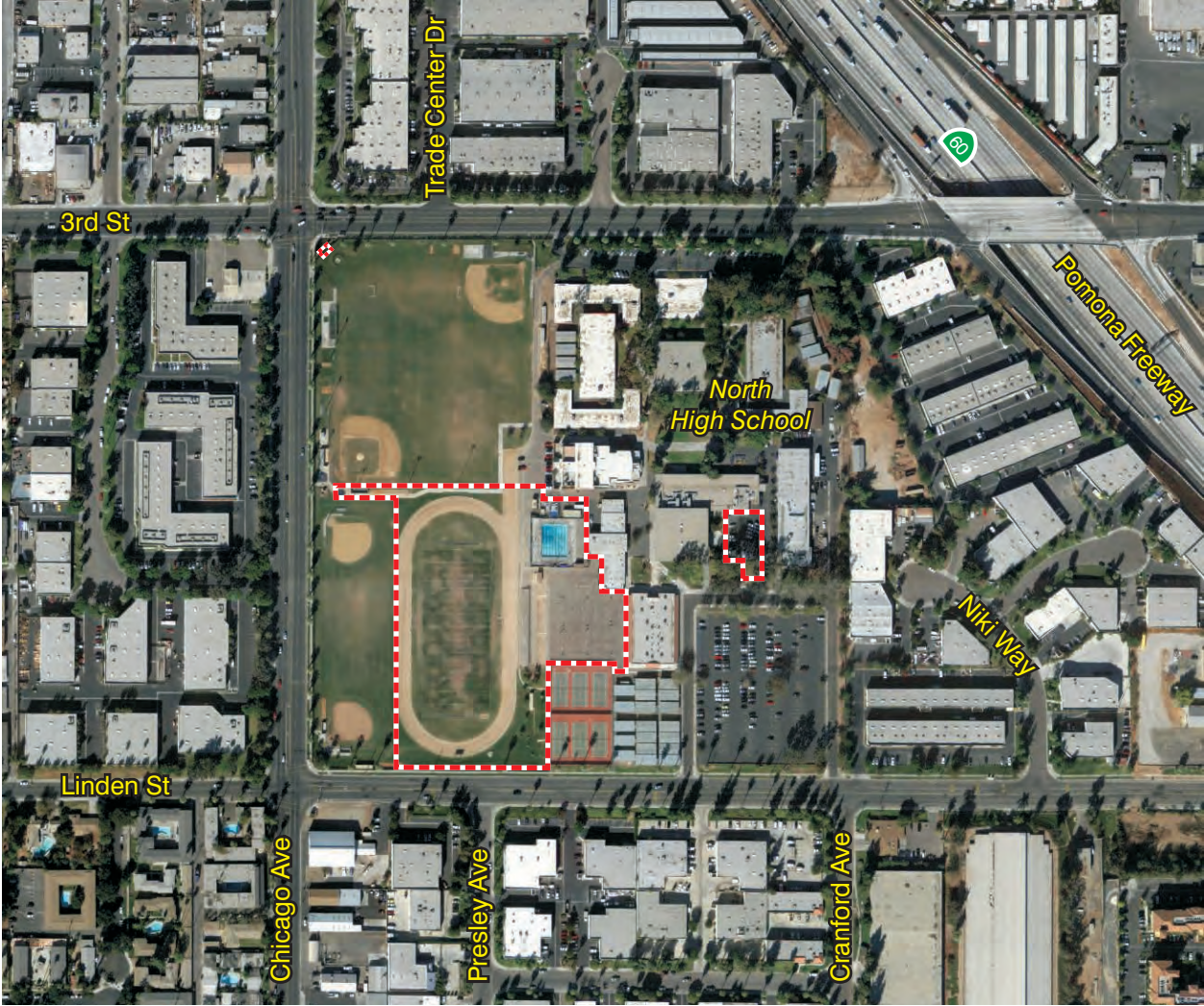
0 2,000
Scale (Feet)



1. Introduction

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Aerial Photograph



----- Project Site

0 430
Scale (Feet)



Source: Google Earth Pro 2010

1. Introduction

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Site Photographs



View northeast, across track and field towards school buildings.

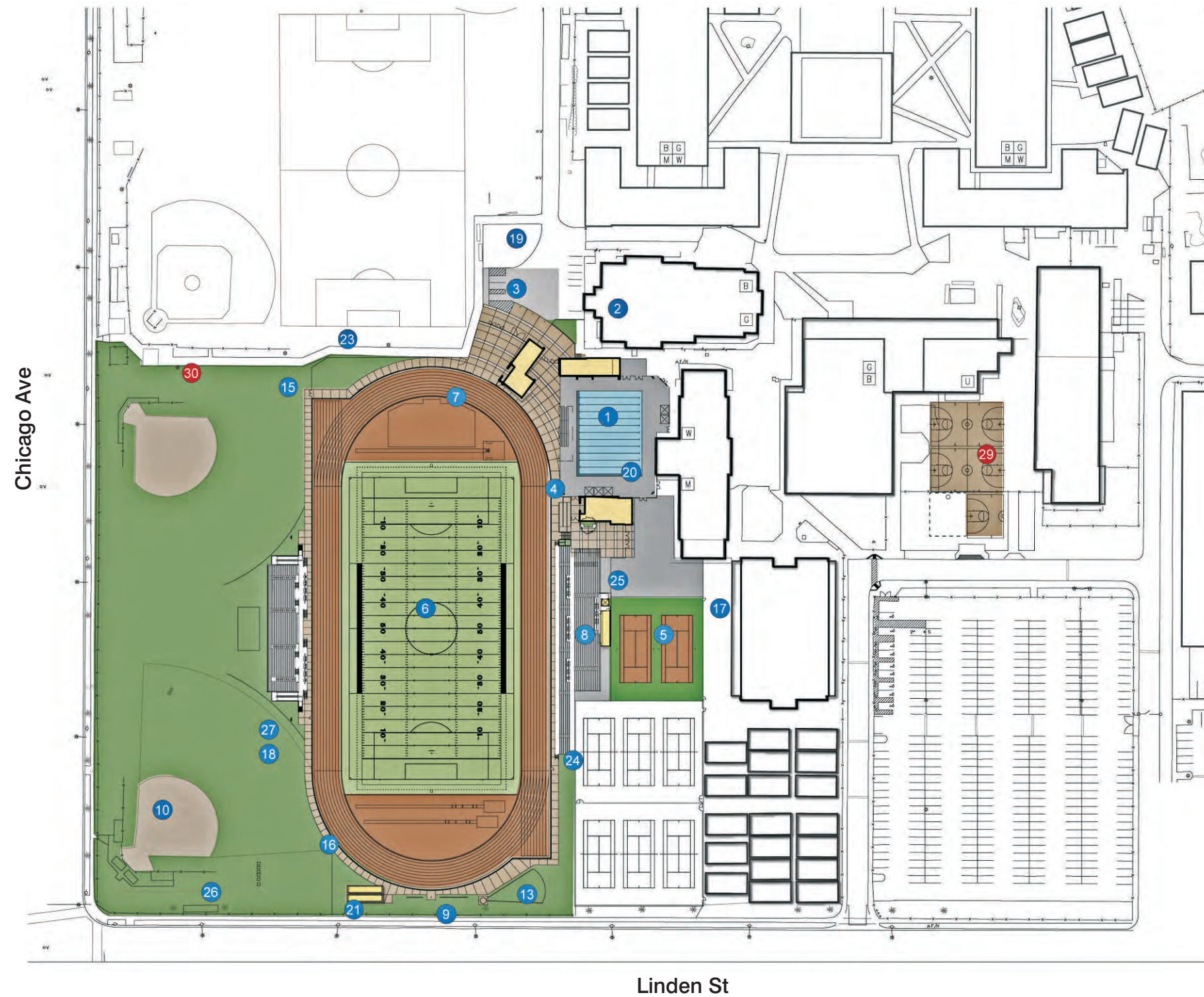


Existing marquee at the intersection of Chicago Avenue and 3rd Street.

1. Introduction

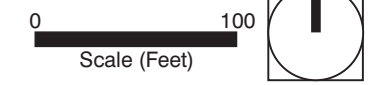
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Site Plan



LEGEND

1. NEW 30M X25Y POOL AND COVERED BLEACHERS WITH SOLAR PANELS: 200 SEATS TOTAL
2. POOL EQUIPMENT AND STORAGE (1,430 S.F.)
3. TICKET, CONCESSION STAND, RESTROOMS AND DATA/ELECTRICAL ROOM AT FIELD LEVEL (1,440 S.F.)
4. NEW STAIR AND RAMP TO FIELD
5. TWO NEW TENNIS COURTS PER NFHS STANDARDS
6. SYNTHETIC TURF FIELD
7. 9-LANE SYNTHETIC TRACK
8. BLEACHERS (HOME=2,100 SEATS, VISITORS = 1,300 SEATS)
9. SCOREBOARDS FOR TRACK AND FIELD + FLAG POLE
10. EXISTING VARSITY SOFTBALL FIELD
11. NOT USED
12. NOT USED
13. NEW SHOT PUT AREA
14. NOT USED
15. 8' PERIMETER FENCE
16. 4' HIGH FENCE AT TRACK PERIMETER
17. 10' HIGH TENNIS COURT FENCE
18. COMPETITION LEVEL LIGHTING
19. ACCESSIBLE PARKING
20. TICKET, CONCESSION STAND, RESTROOMS AND DATA/ELECTRICAL ROOM AT UPPER LEVEL (1,645 S.F.)
21. TRACK STORAGE / CARGO CONTAINERS
23. ADDED FLATWORK TO ACCESS VISITOR BLEACHERS
24. ENHANCED AUDIO SOUND SYSTEM
25. PRESS BOX AT 400 SF WITH ELEVATOR
26. SCORE BOARDS FOR VARSITY BASEBALL AND VARSITY SOFTBALL
27. MUSCO LIGHTING FIXTURES ADDED TO STADIUM POLES FOR LIGHTING OF PLAY FIELDS
29. INSTALL 2 1/2 NEW BASKETBALL COURTS
30. REPLACE VARSITY PLAYING FIELDS LIGHTS (5 POLES)



1. Introduction

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Track and Football Stadium

The football and track field would be renovated with synthetic turf and a nine-lane all-weather track. A new shot put area would also be developed near the southeast corner of the field. A drainage system would be installed to collect stormwater in a detention basin prior to its release into the City's storm drains.

The existing wooden bleachers of 750 spectator seats would be removed and replaced by 2,100 aluminum home seats east of the field and 1,300 aluminum visitor seats west of the field, for a total of 3,400 permanent spectator seats. A 400-square-foot press box with an elevator would be created on the home stand.

Four new light poles that are 90 feet in height would be installed around the track and field. The PA speakers would be installed on these poles. The existing scoreboard would be replaced with a new scoreboard south of the track and field. A shot put area would be created southeast of the track and field. Cargo containers for track storage would be placed south of the track and field. Perimeter fencing would be installed to separate the track and field from the softball fields.

A structure housing a concession stand, ticket booth, restroom building, and data/electrical room, totaling 1,440 square feet, proposed northeast of the track and field, would be built to serve the track complex. A second building of 1,645 square feet housing a concession stand, ticket booth, and restrooms would be built east of the track and field complex just south of the pool and will serve both the stadium and aquatic facility.

Aquatic Center

The existing aquatic facilities would be enhanced with a 30-meter by 25-yard pool, including deck lighting and covered bleachers. Deck lighting would be installed to provide lighting of the pool for evening use. Four new light poles would be installed. Three would be 60 feet tall, and the other 90 feet. A total of 200 bleacher seats would be provided for spectator viewing, resulting in no net change in spectator seating at the aquatic center. The pool would be heated by a combination of solar thermal heating and a boiler. A new building of 1,430 square feet would be constructed to house the thermal heating elements, boiler, other mechanical equipment, and storage for the aquatics facility.



Baseball and Softball Fields

New scoreboards will be installed on the varsity baseball and softball fields. The five existing light poles on the varsity baseball field would be removed, and four new poles, 70 feet in height, would be installed. The new lighting would be more directed and would create less spill light than the existing lighting.

New practice lights would also be installed for the softball fields west of the track and field. These new practice lights would be installed on the two proposed track and field lighting poles between the softball fields and track and field.

Tennis and Basketball Courts

The existing volleyball and basketball courts, north of the tennis courts and east of the track and field, would be removed, and two new tennis courts would be constructed in their place. They would meet NFHS (National Federation of High School) standards. This improvement would result in the net loss of four full basketball courts and three volleyball courts, and a net gain of two tennis courts. As stated in Section 1.2.1, the existing tennis courts are currently being improved through a CDBG and would not be altered by this project. These CDBG-funded improvements are not a part of the proposed project.

1. Introduction

Two new full basketball courts and one half basketball court would be created in the center of the campus in place of an existing staff parking lot. The basketball courts would be surrounded by school buildings, separate from the other athletic facilities on the site.

Parking

The creation of the proposed new basketball courts would result in the loss of 30 parking spaces, but the proposed basketball courts would be made available for overflow parking. The project also includes the creation of three new accessible parking spaces north of the proposed football and track field ticket and concession building.

Marquee

The proposed project would also include the replacement of the existing marquee at the corner of Chicago Avenue and 3rd Street. The new marquee would be in the same location and be of similar height and mass as that of the existing.

Storm Drain System

The project includes improvements to the existing storm drain system. A new system will be installed west of the new stadium bleachers in the open turf area between the existing softball fields. Nearly the entire newly developed site's drainage would be conveyed toward a series of subsurface storage chambers that will have the capacity to capture and retain a 2-year storm event. The site storage chambers will be designed to treat the stormwater runoff and detain the volumes of postdeveloped storm events and release them at a rate that is lower than the predeveloped condition.

1.3.2 Proposed Operation

The proposed project would result in increased sports programs at the school. Approximately five varsity football games per year would be held at the site. Home games have historically been played elsewhere. The site would also be able to host larger track and field meets than are currently held. Additionally, water polo meets would be hosted at the proposed aquatics facility. Graduation ceremonies, currently held off campus, would also be held in the proposed new track and field area and seating.

The proposed project does not propose joint use of the new amenities. However, with the new lights and improvements, the fields and aquatic center would likely be used more often and in the evening, as they would continue to be made available to the public under the Civic Center Act.

1.3.3 Project Phasing

The total development area is approximately nine acres. Construction would be completed in three phases, commencing in summer 2012 and completed by summer 2013, as follows:

Phase 1 includes construction of the basketball courts. This phase includes 1.7 acres of new construction. Construction of Phase 1 would take place in the summer of 2012.

Phase 2 includes construction of the aquatics center on a 0.48-acre area. Construction would take place between the summer 2012 and spring 2013.

Phase 3 first includes improvements of the track and field, associated structures, and tennis courts, and then the improvements to the baseball fields and softball fields. Phase 3 includes a construction area of 2.6 acres. Construction would take place between summer 2012 and summer 2013.

In order to avoid conflicts between construction activities and normal high school operations, a construction worksite traffic control plan would be implemented by the District to identify haul routes, hours of operation, protective devices, warning signs, and access. The active construction and staging areas would be clearly marked with barriers installed to separate these areas from pedestrian routes and classroom areas. The staging area would be created north of the track and field, where new accessible parking is proposed.

1.4 EXISTING ZONING AND GENERAL PLAN

The southern portion of the project site, fronting Linden Street, is zoned R-3-1500, and the remainder of the site is zoned R-1-7000. According to the Permitted Uses Table in the City of Riverside Municipal Code Chapter 19.150, school uses are permitted in R-3 zones and permitted with a conditional use permit in R-1 zones. The General Plan land use designation for the campus is PF (Public Facilities/Institutional), which is intended for public facilities including schools.

1.5 RESPONSIBLE AND REVIEWING AGENCIES

A public agency other than the lead agency that has discretionary approval power over a project is a responsible agency, as defined by CEQA Guidelines. Other agencies that provide guidance but have no direct permitting authority or approval are known as a reviewing agencies.

1.5.1 Responsible Agencies

- Division of the State Architect (approval of structural improvements taller than six feet, fire and life safety requirements, and Americans with Disabilities Act compliance)
- Santa Ana Regional Water Quality Control Board (National Pollution Discharge Elimination System Permit, issuance of waste discharge requirement, construction of stormwater runoff permits)
- City of Riverside Public Works (approval of offsite improvements permits, such as grading and drainage plans, and various street and signage improvements, if required).
- Riverside Fire Department (approval of the fire access and safety plan)

1.5.2 Reviewing Agencies

- Office of Historic Preservation
- California Highway Patrol
- Department of Transportation (Caltrans)
- Department of Fish and Game
- Native American Heritage Commission
- Riverside Fire Department
- South Coast Air Quality Management District



1. Introduction

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2. *Environmental Checklist*

2.1 **BACKGROUND**

1. **Project Title:** John W. North High School Athletic Facilities Master Plan Completion

2. **Lead Agency Name and Address:**

Riverside Unified School District
3380 14th Street
Riverside, CA 92501

3. **Contact Person and Phone Number:**

Janet Dixon, Director of Planning and Development
951.788.7496, ext. 84003

4. **Project Location:**

The project site is within the campus of John W. North High School, at 1550 3rd Street in the City of Riverside, County of Riverside. The project site occupies approximately nine acres of APN 250140006.

5. **Project Sponsor's Name and Address:**

Riverside Unified School District
Planning and Development Department
3070 Washington Street
Riverside, CA 92504

6. **General Plan Designation:**

The General Plan land use designation for the campus is PF (Public Facilities/Institutional)

7. **Zoning:**

The southern portion of the project site, fronting Linden Street, is zoned R-3-1500, and the remainder of the site is zoned R-1-7000.

8. **Description of Project:**

The proposed action entails the planning, designing, construction, and operation of the John W. North High School Athletic Facilities Master Plan Completion project. The proposed project includes modernizing the existing track and football field, aquatics center, tennis and basketball courts, softball fields, and associated amenities. A detailed description is provided in Section 1.3 of this document.

9. **Surrounding Land Uses and Setting:**

The John W. North High School campus is in an area generally characterized by commercial and industrial uses. Industrial facilities are directly across Linden Street from the project site. Multiple-family residential uses are also south and west of the site. The I-215 passes approximately 1,000 feet northeast of the project site.



2. Environmental Checklist

10. Other Public Agencies Whose Approval Is Required:

- Division of the State Architect (approval of structural improvements taller than six feet, fire and life safety requirements, Americans with Disabilities Act compliance)
- Santa Ana Regional Water Quality Control Board (National Pollution Discharge Elimination System Permit; issuance of waste discharge requirement; construction of stormwater runoff permits)
- City of Riverside Public Works (approval of offsite improvements permits, such as grading and drainage plans; permits for curb cuts for new driveways; and various street and signage improvements, if required).
- Riverside Fire Department (approval of the fire access and safety plan)

2. Environmental Checklist

2.2 ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact," as indicated by the checklist on the following pages.

- | | | |
|---|--|---|
| <input type="checkbox"/> Aesthetics | <input type="checkbox"/> Agricultural and Forest Resources | <input type="checkbox"/> Air Quality |
| <input type="checkbox"/> Biological Resources | <input type="checkbox"/> Cultural Resources | <input type="checkbox"/> Geology / Soils |
| <input type="checkbox"/> Greenhouse Gas Emissions | <input type="checkbox"/> Hazards & Hazardous Materials | <input type="checkbox"/> Hydrology / Water Quality |
| <input type="checkbox"/> Land Use / Planning | <input type="checkbox"/> Mineral Resources | <input type="checkbox"/> Noise |
| <input type="checkbox"/> Population / Housing | <input type="checkbox"/> Public Services | <input type="checkbox"/> Recreation |
| <input type="checkbox"/> Transportation / Traffic | <input type="checkbox"/> Utilities / Service Systems | <input type="checkbox"/> Mandatory Findings of Significance |

2.3 DETERMINATION (TO BE COMPLETED BY THE LEAD AGENCY)

On the basis of this initial evaluation:


I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.

I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.

I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

I find that the proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.

I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.


Signature

12/7/11
Date

Janet Dixon
Printed Name

For

2. Environmental Checklist

2.4 EVALUATION OF ENVIRONMENTAL IMPACTS

- 1) A brief explanation is required for all answers except “No Impact” answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A “No Impact” answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g., the project falls outside a fault rupture zone). A “No Impact” answer should be explained where it is based on project-specific factors, as well as general standards (e.g., the project would not expose sensitive receptors to pollutants, based on a project-specific screening analysis).
- 2) All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.
- 3) Once the lead agency has determined that a particular physical impact may occur, then the checklist answers must indicate whether the impact is potentially significant, less than significant with mitigation, or less than significant. “Potentially Significant Impact” is appropriate if there is substantial evidence that an effect may be significant. If there are one or more “Potentially Significant Impact” entries when the determination is made, an EIR is required.
- 4) “Negative Declaration: Less Than Significant With Mitigation Incorporated” applies where the incorporation of mitigation measures has reduced an effect from “Potentially Significant Impact” to a “Less Than Significant Impact.” The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level.
- 5) Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration. Section 15063(c)(3)(D). In this case, a brief discussion should identify the following:
 - a) **Earlier Analyses Used.** Identify and state where they are available for review.
 - b) **Impacts Adequately Addressed.** Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.
 - c) **Mitigation Measures.** For effects that are “Less than Significant with Mitigation Measures Incorporated,” describe the mitigation measures which were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.
- 6) Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g., general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated. A source list should be attached, and other sources used or individuals contacted should be cited in the discussion.
- 7) Supporting Information Sources: A source list should be attached, and other sources used or individuals contacted should be cited in the discussion.

2. Environmental Checklist

- 8) This is only a suggested form, and lead agencies are free to use different formats; however, lead agencies should normally address the questions from this checklist that are relevant to a project's environmental effects in whatever format is selected.
- 9) The explanation of each issue should identify:
 - a) the significance criteria or threshold, if any, used to evaluate each question; and
 - b) the mitigation measure identified, if any, to reduce the impact to less than significant.



2. Environmental Checklist

<i>Issues</i>	<i>Potentially Significant Impact</i>	<i>Less Than Significant With Mitigation Incorporated</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
I. AESTHETICS. Would the project:				
a) Have a substantial adverse effect on a scenic vista?				X
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?				X
c) Substantially degrade the existing visual character or quality of the site and its surroundings?			X	
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?			X	
II. AGRICULTURE AND FOREST RESOURCES. In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board. Would the project:				
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?				X
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?				X
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?				X
d) Result in the loss of forest land or conversion of forest land to non-forest use?				X
e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?				X
III. AIR QUALITY. Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:				
a) Conflict with or obstruct implementation of the applicable air quality plan?			X	
b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?			X	
c) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?			X	

2. Environmental Checklist

<i>Issues</i>	<i>Potentially Significant Impact</i>	<i>Less Than Significant With Mitigation Incorporated</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
d) Expose sensitive receptors to substantial pollutant concentrations?		X		
e) Create objectionable odors affecting a substantial number of people?			X	
IV. BIOLOGICAL RESOURCES. Would the project:				
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?				X
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?				X
c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?				X
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?				X
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?				X
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?				X
V. CULTURAL RESOURCES. Would the project:				
a) Cause a substantial adverse change in the significance of a historical resource as defined in § 15064.5?				X
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to § 15064.5?			X	
c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?			X	
d) Disturb any human remains, including those interred outside of formal cemeteries?			X	



2. Environmental Checklist

<i>Issues</i>	<i>Potentially Significant Impact</i>	<i>Less Than Significant With Mitigation Incorporated</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
VI. GEOLOGY AND SOILS. Would the project:				
a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:				
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map, issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.				X
ii) Strong seismic ground shaking?			X	
iii) Seismic-related ground failure, including liquefaction?			X	
iv) Landslides?				X
b) Result in substantial soil erosion or the loss of topsoil?			X	
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?			X	
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?			X	
e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?				X
VII. GREENHOUSE GAS EMISSIONS. Would the project:				
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?			X	
b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?			X	
VIII. HAZARDS AND HAZARDOUS MATERIALS. Would the project:				
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?			X	
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?			X	
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?			X	
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?			X	

2. Environmental Checklist

<i>Issues</i>	<i>Potentially Significant Impact</i>	<i>Less Than Significant With Mitigation Incorporated</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?				X
f) For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?				X
g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?			X	
h) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?				X
IX. HYDROLOGY AND WATER QUALITY. Would the project:				
a) Violate any water quality standards or waste discharge requirements?			X	
b) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?			X	
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in a substantial erosion or siltation on- or off-site			X	
d) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?			X	
e) Create or contribute runoff water which would exceed the capacity of existing or planned storm water drainage systems or provide substantial additional sources of polluted runoff?			X	
f) Otherwise substantially degrade water quality?			X	
g) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?				X
h) Place within a 100-year flood hazard area structures which would impede or redirect flood flows?				X
i) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?				X
j) Inundation by seiche, tsunami, or mudflow?				X



2. Environmental Checklist

<i>Issues</i>	<i>Potentially Significant Impact</i>	<i>Less Than Significant With Mitigation Incorporated</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
X. LAND USE AND PLANNING. Would the project:				
a) Physically divide an established community?				X
b) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?			X	
c) Conflict with any applicable habitat conservation plan or natural community conservation plan?				X
XI. MINERAL RESOURCES. Would the project:				
a) Result in the loss of availability of a known mineral resource that would be a value to the region and the residents of the state?				X
b) Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?				X
XII. NOISE. Would the project result in:				
a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?			X	
b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?			X	
c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?			X	
d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?		X		
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?			X	
f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?			X	
XIII. POPULATION AND HOUSING. Would the project:				
a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?				X
b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?				X
c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?				X

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<i>Issues</i>	<i>Potentially Significant Impact</i>	<i>Less Than Significant With Mitigation Incorporated</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
XIV. PUBLIC SERVICES. Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:				
a) Fire protection?			X	
b) Police protection?			X	
c) Schools?				X
d) Parks?				X
e) Other public facilities?				X
XV. RECREATION.				
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?				X
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?			X	
XVI. TRANSPORTATION/TRAFFIC. Would the project:				
a) Conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?		X		
b) Conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?			X	
c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?				X
d) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?			X	
e) Result in inadequate emergency access?			X	
f) Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities?			X	
g) Result in inadequate parking capacity?		X		



2. Environmental Checklist

<i>Issues</i>	<i>Potentially Significant Impact</i>	<i>Less Than Significant With Mitigation Incorporated</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
XVII. UTILITIES AND SERVICE SYSTEMS. Would the project:				
a) Exceed waste water treatment requirements of the applicable Regional Water Quality Control Board?			X	
b) Require or result in the construction of new water or waste water treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?			X	
c) Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?			X	
d) Have sufficient water supplies available to serve the project from existing entitlements and resources or are new or expanded entitlements needed?			X	
e) Result in a determination by the waste water treatment provider, which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?			X	
f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?			X	
g) Comply with federal, state, and local statutes and regulations related to solid waste?			X	
XVIII. MANDATORY FINDINGS OF SIGNIFICANCE.				
a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?			X	
b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)		X		
c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?		X		

3. *Environmental Analysis*

Section 2.4 provided a checklist of environmental impacts. This section provides an evaluation of the impact categories and questions contained in the checklist, and identifies mitigation measures, if applicable.

3.1 **AESTHETICS**

a) **Have a substantial adverse effect on a scenic vista?**

No Impact. The project site consists of a portion of the existing John W. North High School campus. The surrounding area is developed with residential, commercial, and industrial uses. Scenic resources defined in the City of Riverside General Plan 2025 include the hillsides and ridgelines above the City. Scenic vistas from the project site include the San Bernardino Mountains north and northeast of the campus, and hills scattered in the Riverside area. The proposed project would make improvements to existing athletic fields on the site. Proposed new structures would replace similar existing structures. No tall buildings or other highly visible structures would be created, and the visual appearance of the project site would be similar to the existing conditions. The project would not have an adverse effect on any scenic vistas. No impact would occur, and no mitigation is required.

b) **Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?**

No Impact. The project site is not within a state scenic highway. The nearest designated state scenic highway to the project site is a portion of State Route 91 (SR-91) about 25 miles west of the project site, as listed on the California Department of Transportation California Scenic Highway Mapping System. The nearest Scenic Boulevard, as designated in the City of Riverside General Plan 2025 Circulation and Community Mobility Element, is University Avenue, approximately one-quarter mile south of the project site, and the project site is not highly visible from this roadway. The project site is not associated with any designated scenic resources. The project would not impact any scenic resources within a state scenic highway. No impact would occur, and no mitigation is required.

c) **Substantially degrade the existing visual character or quality of the site and its surroundings?**

Less Than Significant Impact. The proposed improvements would be implemented within the existing campus. New buildings would be constructed in the center of the campus, away from public views along the surrounding roadways. Improvements to the baseball and softball fields as well as the track and football field would enhance the conditions of the existing facilities and consequently improve the aesthetics of the campus. As no tall buildings or other highly visible structures would be created, and the visual appearance of the project site would be similar to the existing environment, visual impacts associated with the improvements would not be significant, and no mitigation is required.

d) **Create a new source of substantial light or glare, which would adversely affect day or nighttime views in the area?**

Less Than Significant Impact. The proposed project would include the installation of full competition lights at the football field and the aquatics center and new practice lighting at the softball fields west of the track



3. Environmental Analysis

and field, as well as the replacement of practice lighting at the softball fields. The new lights would include hoods, filtering louvers, glare shields, and lamp arc caps to shield the lights. As the football field, aquatics center, and softball field do not currently include nighttime lighting, the project would increase the amount of lighting at the site. The proposed project also includes the installation of new scoreboards at the varsity baseball and softball fields and replacement of the existing football scoreboard near Linden Avenue and the existing lighted marquee at the intersection of Chicago Avenue and 3rd Street.

Light and glare are determined to have a significant impact if the project would create substantial glare or if project lighting would substantially exceed established lighting standards typical in the area. Lighting and illumination are measured in a unit of light intensity called a “foot-candle.” There are no acceptable limits for light and glare defined by regulations or requirements that apply to the District. The Los Angeles Unified School District, in its Program EIR for their New School Construction Program, defines a threshold of “no more than two foot-candles, measured at the residential property line.” The International Dark-Sky Association, however, recommends a threshold of 0.5 horizontal foot-candle at a distance of 25 feet beyond the property lines. For the purposes of this document, the more conservative threshold has been used, and a lighting impact is considered to be significant if it results in 0.5 horizontal foot-candle at the property line of a sensitive receptor, such as a residence.

There are no residences or other sensitive light receptors immediately adjacent to the project site. The nearest residence is a multiple-family residential building approximately 300 feet west of the campus, across Linden Street and Chicago Avenue.

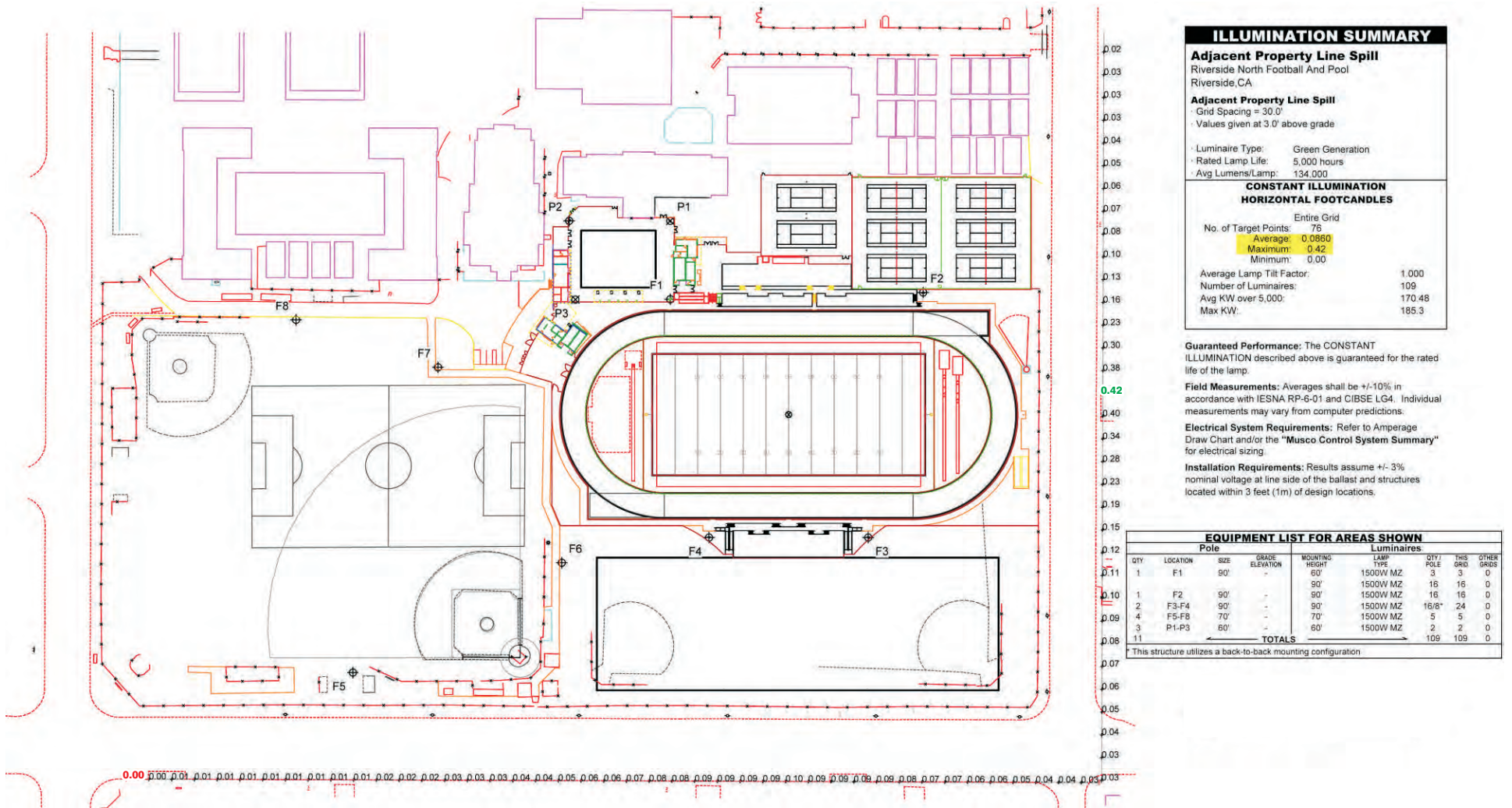
The intensity of light from the proposed new lighting at nearby property boundaries was calculated and is shown in Figure 6, *Horizontal Foot-Candles at Nearby Property Boundaries*. As shown in this figure, the light intensity at the nearest property boundary, across Linden Street and Chicago Avenue, would be 0.42 foot-candle, below the threshold of significance. The replacement of the existing lights and installation of the new lights would not result in 0.5 horizontal foot-candle at any nearby properties, sensitive or otherwise. No significant impacts would result from the proposed new lighting.

The proposed project would also replace the existing lighted marquee at the intersection of Chicago Avenue and 3rd Street. The existing monochrome amber display would be removed, and would be replaced with an amber grayscale display of the same size. The new display would include nighttime dimming capabilities not possible with the existing display and would therefore reduce nighttime glare effects. In accordance with the District energy policy, the display would not operate between 11 PM and 5 AM. No new impacts would be introduced by the replacement of the marquee with a new marquee.

The proposed new scoreboard would be located along Linden Street and would be directed inward, toward the center of the project site. No drivers or sensitive receptors would be affected by the proposed new scoreboard.

Impacts associated with the new lights and lighted marquee would not be significant. No mitigation is required.

Horizontal Foot-Candles at Nearby Property Boundaries



ILLUMINATION SUMMARY	
Adjacent Property Line Spill Riverside North Football And Pool Riverside, CA	
Adjacent Property Line Spill Grid Spacing = 30.0' Values given at 3.0' above grade	
- Luminaire Type:	Green Generation
- Rated Lamp Life:	5,000 hours
- Avg Lumens/Lamp:	134,000
CONSTANT ILLUMINATION HORIZONTAL FOOT-CANDLES	
Entire Grid	
No. of Target Points:	76
Average:	0.0860
Maximum:	0.42
Minimum:	0.00
Average Lamp Tilt Factor:	1.000
Number of Luminaires:	109
Avg KW over 5,000:	170.48
Max KW:	185.3

Guaranteed Performance: The CONSTANT ILLUMINATION described above is guaranteed for the rated life of the lamp.

Field Measurements: Averages shall be +/-10% in accordance with IESNA RP-6-01 and CIBSE LG4. Individual measurements may vary from computer predictions.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume +/- 3% nominal voltage at line side of the ballast and structures located within 3 feet (1m) of design locations.

EQUIPMENT LIST FOR AREAS SHOWN									
Pole				Luminaires					
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LAMP TYPE	QTY POLE	THIS GRID	OTHER GRIDS	
1	F1	90'	-	60'	1500W MZ	3	3	0	
1	F2	90'	-	90'	1500W MZ	16	16	0	
2	F3-F4	90'	-	90'	1500W MZ	16/8*	24	0	
4	F5-F8	70'	-	70'	1500W MZ	5	5	0	
3	P1-P3	60'	-	60'	1500W MZ	2	2	0	
11	TOTALS						109	109	0

*This structure utilizes a back-to-back mounting configuration



Source: Musco 2010

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3.2 AGRICULTURE AND FOREST RESOURCES

In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Department of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board. Would the project:

- a) **Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?**

No Impact. The entire campus, including the project site, is mapped as Urban and Built-up Land on the Riverside County Important Farmland 2006 map published by the California Department of Conservation, Division of Land Resource Protection. The site and surrounding area are entirely developed with school and industrial uses, and there is no formal agricultural use on or adjacent to the site. No impact to farmland would occur as a result of the proposed project, and no mitigation is required.

- b) **Conflict with existing zoning for agricultural use, or a Williamson Act contract?**

No Impact. The existing zoning designation of the project site is R-3-1500 along Linden Street and R-1-7000 on the remainder of the site. These are residential zoning designations that allow school uses. The site is not zoned for agricultural use. There are no Williamson Act contracts in effect for the site, as shown on the Williamson Act Preserves map in the City of Riverside General Plan 2025. No impact would occur, and no mitigation is required.

- c) **Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?**

No Impact. The site is zoned with residential designations that allow school uses. The site is not zoned for forest land. No forest land or other wildland exists on or adjacent to the project site. The proposed project would not alter the zoning of the project site or offsite areas. No conflict with zoning for or rezoning of forest land would occur. The proposed project would not result in any impacts to forest land, and no mitigation is required.

- d) **Result in the loss of forest land or conversion of forest land to non-forest use?**

No Impact. There is no forest land on or near the site, and the project would not result in any loss of or impact to forest land. The proposed project would not result in any impacts, and no mitigation is required.

- e) **Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?**

No Impact. There is no farmland on or near the site, and the project would not convert any farmland to nonagricultural uses. No impact would occur, and no mitigation is required.



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3.3 AIR QUALITY

The Air Quality section addresses the impacts of the proposed project on ambient air quality and the exposure of people, especially sensitive individuals, to unhealthful pollutant concentrations. The primary air pollutants of concern for which ambient air quality standards (AAQS) have been established are ozone (O₃), carbon monoxide (CO), coarse inhalable particulate matter (PM₁₀), fine inhalable particulate matter (PM_{2.5}), sulfur oxides (SO_x), oxides of nitrogen (NO_x), and lead (Pb). Areas are classified under the federal and California Clean Air Act as in either attainment or nonattainment for each criteria pollutant based on whether the AAQS have been achieved. The South Coast Air Basin (SoCAB), which is managed by the South Coast Air Quality Management District (SCAQMD), is designated as nonattainment for O₃, PM_{2.5}, PM₁₀,¹ and lead (Los Angeles County only) under the California and National AAQS and nonattainment for NO₂ under the California AAQS. This section analyzes the types and quantities of air pollutant emissions that would be generated by the construction and operation of the proposed project. A background discussion on the air quality regulatory setting, meteorological conditions, existing ambient air quality in the vicinity of the project site, and air quality modeling can be found in Appendix A to this Initial Study.

Where available, the significance criteria established by SCAQMD, the applicable air quality management district, is relied upon to make the following determinations. Would the project:

a) Conflict with or obstruct implementation of the applicable air quality plan?

Less Than Significant Impact. A consistency determination plays an important role in local agency project review by linking local planning and individual projects to the Air Quality Management Plan (AQMP). It fulfills the CEQA goal of informing decision makers of the environmental efforts of the project under consideration at an early enough stage to ensure that air quality concerns are fully addressed. It also provides the local agency with ongoing information as to whether they are contributing to clean air goals contained in the AQMP. There are two key indicators of consistency (SCAQMD 1993):

- Indicator 1: Whether the project would result in an increase in the frequency or severity of existing air quality violations, cause or contribute to new violations, or delay timely attainment of the ambient air quality standards or interim emission reductions in the AQMP.
- Indicator 2: Whether the project would exceed the assumptions in the AQMP. The AQMP strategy is, in part, based on projections from local general plans.

Emissions generated by construction and operation of the proposed project would be under the SCAQMD emission thresholds and would not be considered by the SCAQMD to be a substantial source of air pollutant emissions. Therefore the proposed project would be consistent with the AQMP under the first indicator. The project is not considered by the Southern California Association of Governments to be a regionally significant project that would warrant a consistency review for criteria emissions. The project improves the existing recreational facilities at an existing school. Therefore, the proposed project would not exceed the assumptions in the AQMP and would be consistent under the second indicator. Consequently, the project would not conflict or obstruct implementation of the AQMP and impacts are less than significant in this regard, and no mitigation is required.

¹ CARB approved the SCAQMD's request to redesignate the SoCAB from serious nonattainment for PM₁₀ to attainment for PM₁₀ under the national AAQS on March 25, 2010 because the SoCAB has not violated federal 24-hour PM₁₀ standards during the period from 2004 to 2007. However, the USEPA has not yet approved this request.

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b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?

Less Than Significant Impact. The project would not violate any air quality standard or contribute substantially to an existing or projected air quality violation.

Short-Term Air Quality Impacts

Construction activities would result in the generation of air pollutants, including: exhaust emissions from diesel-powered construction equipment and motor vehicles; fugitive dust generated by grading, earthmoving, and other construction activities; and volatile organic compound (VOC)² emissions from application of asphalt, paints, and coatings. Construction emissions estimates are shown in Table 1.

**Table 1
Regional Construction Emissions
(in pounds per day)**

Source ¹	Pollutants (lb/day)					
	VOC	NO _x	CO	SO ₂	PM ₁₀ ²	PM _{2.5} ²
2012	12	72	49	<1	8	6
2013	20	46	35	<1	4	3
Maximum Daily Emissions	20	72	49	<1	8	6
SCAQMD Regional Threshold	75	100	550	150	150	55
Exceeds Threshold?	No	No	No	No	No	No

Source: CalEEMod Version 2011.1.1.

Notes:

¹ Air quality modeling based on a construction schedule provided by the District. Where specific construction information was not available, construction assumptions were based on CalEEMod defaults.

² Fugitive dust emissions assume application of Rule 403, which includes watering exposed surfaces at least two times daily to reduce fugitive dust, replacing groundcover quickly, and reducing vehicle speeds.



As shown in the table, all emissions from construction-related activities are less than the SCAQMD regional significance threshold values. Therefore, short-term regional air quality impacts would be less than significant, and no mitigation is required.

Long-Term Operation Impacts

Long-term air pollutant emissions generated by a project are typically associated with burning fossil fuels in cars and trucks (mobile sources); energy use for cooling, heating, and cooking (energy); and landscape equipment (area sources). According to the traffic study prepared by Garland Associates, the proposed project would generate a net increase in 1,590 average daily vehicle trips on a day with a stadium event. Air pollutant emissions generated by new stationary sources would be nominal (e.g., concession stands, restrooms, replacement of pool equipment, etc.). Air pollutant emissions associated with the project are calculated and shown in Table 2.

² A precursor to the formation of O₃.

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Table 2
Regional Operational Emissions
(in pounds per day)

	VOC	NO _x	CO	SO ₂	PM ₁₀	PM _{2.5}
Summer						
Area	1	0	0	0	0	0
Energy	0	<1	<1	0	0	0
Mobile	6	10	74	<1	14	1
Total	7	10	74	<1	14	1
SCAQMD Regional Threshold	55	55	550	150	150	55
Exceeds Regional Threshold?	No	No	No	No	No	No
Winter						
Area	1	0	0	0	0	0
Energy	0	<1	<1	0	0	0
Mobile	6	11	67	0	14	1
Total	7	11	67	0	14	1
SCAQMD Regional Threshold	55	55	550	150	150	55
Exceeds Regional Threshold?	No	No	No	No	No	No

Source: CalEEMod Version 2011.1.1. Note: emission may not add to 100 percent due to rounding.

As shown in the table, all emissions from operation-related activities are less than the SCAQMD regional significance thresholds. Therefore, long-term regional air quality impacts would be less than significant, and no mitigation is required.

c) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is nonattainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?

Less Than Significant Impact. The project would not result in a cumulatively considerable net increase of criteria pollutants. According to the SCAQMD methodology, any project that does not exceed, or can be mitigated to less than, the daily threshold values will not add significantly to the cumulative impact. Construction and operational activities would not result in emissions in excess of SCAQMD's daily threshold values, and therefore the project would not result in a cumulatively considerable net increase in criteria pollutants. No mitigation is required.

d) Expose sensitive receptors to substantial pollutant concentrations?

Less Than Significant Impact With Mitigation Incorporated. The project could expose sensitive receptors to substantial pollutant concentrations. Unlike the regional construction and operational emissions shown in Tables 1 and 2, localized concentrations refer to the amount of pollutant in a volume of air (ppm or µg/m³). These emissions can be directly correlated to health effects. The localized significance threshold (LST) analysis calculates the amount of regional emissions at which localized concentrations (ppm or µg/m³) would exceed the AAQS based on the Source Receptor Area (SRA), size of the project site, and distance to the nearest sensitive receptor. LSTs are based on the California AAQS, which are the most stringent AAQS that have been established to provide a margin of safety in the protection of the public health and welfare. They are designed to protect those sensitive receptors most susceptible to further respiratory distress, such as asthmatics, the elderly, very young children, people already weakened by other disease or illness, and persons engaged in strenuous work or exercise. During project operation, no significant localized impacts would occur because the increase in onsite stationary sources is nominal since school projects are not substantial stationary-source generators.

Construction LST

Emissions generated by construction activities would temporarily increase pollutant concentrations from construction equipment exhaust and fugitive dust (PM₁₀ and PM_{2.5}). The closest sensitive-receptors are the onsite classrooms.³ As shown in Table 3, maximum daily emissions from construction activities would exceed the SCAQMD LSTs for PM_{2.5} because of the potential for Phase 1, Phase 2, and Phase 3 of the project to occur concurrently. Mitigation Measure 1 would require use of Tier 3 construction equipment.⁴ With use of newer construction equipment, construction emissions would not exceed the LSTs even if construction activities associated with the basketball courts, pool area, and stadium area overlap (see Table 4), and impacts would be reduced to less than significant levels.

**Table 3
Localized (Onsite) Construction Emissions
(in pounds per day)**

Source ¹	NO ₂ ²	CO	PM ₁₀ ³	PM _{2.5} ³
Phase 1 – Grading (basketball courts)	2	21	5	3
Phase 1 – Paving (basketball/tennis courts)	1	14	2	2
Phase 2 – Demolition (pool)	0.1	2	1	<1
Phase 2 – Trenching (pool)	<1	4	<1	<1
Phase 2 – Pool Construction	1	14	2	2
Phase 3 – Trenching (irrigation)	<1	2	<1	<1
Phase 3 – Stadium Construction	1	17	2	2
Phase 2/Phase 3 – Architectural Coatings	<1	1	<1	<1
Maximum Daily Onsite Construction Emissions ⁴	4	46	6	5.4
SCAQMD Localized Threshold	187	999	8	4.7
Exceeds 3.5-Acre Localized Significance Threshold?	No	No	No	Yes

Source: CalEEMod Version 2011.1.1., and SCAQMD, Localized Significance Methodology, 2006, October, Appendix A. Based on LSTs for a 2.5-acre site for construction and a 5-acre project site for operation in SRA 23 with sensitive receptors located within 82 feet (25 meters). In accordance with SCAQMD methodology, only on-site stationary sources and mobile equipment occurring on the project site are included in the analysis.

Notes:

¹ Air quality modeling based on a construction schedule provided by the District. Where specific construction information was not available, construction assumptions were based on CalEEMod defaults.

² The two principle NO_x species are NO and NO₂ with the vast majority (95 percent) of NO_x emissions being NO. Adverse health effects are associated with NO₂ and not NO. Therefore, NO_x to NO₂ conversion was conducted and is based on a downwind distance of 25 meters in accordance with SCAQMD's LST methodology.

³ Fugitive dust emissions assume application of Rule 403, which includes watering exposed surfaces at least two times daily, replacing groundcover quickly, and reducing vehicle speeds to reduce fugitive dust.

⁴ Assumes overlap of Phase 1 (construction of basketball courts), Phase 2 (aquatic center modernization), and Phase 3 (stadium modernization).

Mitigation Measures

1. The District shall specify in the construction bid that construction contractors are required to use construction equipment rated by the United States Environmental Protection Agency as having Tier 3 or higher exhaust emission limits (e.g., year 2006 model year or newer) for equipment

³ Projects with boundaries located closer than 82 feet to the nearest receptor should use the LSTs for receptors located at 82 feet (SCAQMD 2008).

⁴ Tier 3 standards are based on the United States Environmental Protection Agency's standards for new off-road diesel engines. Tier 3 standards are met through advanced engine design with limited or no exhaust after treatment (e.g., oxidation catalysts). Tier 3 standards were phased in from 2006 to 2008.



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over 50 horsepower. Tier 3 equipment shall be used onsite. Prior to the start of construction activities, the construction contractor shall provide a list of all operating equipment to the construction manager to confirm that the list complies with this mitigation measure. The construction equipment list shall state the makes, models, power output, and numbers of construction equipment onsite.

Table 4
Localized (Onsite) Construction Emissions – Mitigated
(in pounds per day)

<i>Source</i> ¹	<i>NO₂</i> ²	<i>CO</i>	<i>PM₁₀</i> ³	<i>PM_{2.5}</i> ³
Phase 1 – Grading (basketball courts)	1	20	4	3
Phase 1 – Paving (basketball/tennis courts)	1	13	1	1
Phase 2 – Demolition (pool)	0.1	2	1	<1
Phase 2 – Trenching (pool)	<1	4	<1	<1
Phase 2 – Pool Construction	1	14	1	1
Phase 3 – Trenching (irrigation)	<1	2	<1	<1
Phase 3 – Stadium Construction	1	17	1	1
Phase 2/Phase 3 – Architectural Coatings	<1	1	<1	<1
Phase 2 – Demolition (pool)	0.1	2	1	<1
Maximum Daily Onsite Construction Emissions ⁴	2	45	5	3
SCAQMD Localized Threshold	187	999	8	4.7
Exceeds 3.5-Acre Localized Significance Threshold?	No	No	No	No

Source: CalEEMod Version 2011.1.1., and SCAQMD, Localized Significance Methodology, 2006, October, Appendix A. Based on LSTs for a 2.5-acre site for construction and a 5-acre project site for operation in SRA 23 with sensitive receptors located within 82 feet (25 meters). In accordance with SCAQMD methodology, only on-site stationary sources and mobile equipment occurring on the project site are included in the analysis.

Notes:

¹ Air quality modeling based on a construction schedule provided by the District. Where specific construction information was not available, construction assumptions were based on CalEEMod defaults. Includes use of Tier 3 (e.g., year 2006 or newer) construction equipment.

² The two principle NO_x species are NO and NO₂ with the vast majority (95 percent) of NO_x emissions being NO. Adverse health effects are associated with NO₂ and not NO. Therefore, NO_x to NO₂ conversion was conducted and is based on a downwind distance of 25 meters in accordance with SCAQMD's LST methodology.

³ Fugitive dust emissions assume application of Rule 403, which includes watering exposed surfaces at least two times daily, replacing groundcover quickly, and reducing vehicle speeds to reduce fugitive dust.

⁴ Assumes overlap of Phase 1 (construction of basketball courts), Phase 2 (aquatic center modernization), and Phase 3 (stadium modernization).

Carbon Monoxide Hotspots

The significance of localized project impacts depends on whether the project would cause substantial concentrations of CO. The 1993 CEQA Air Quality Handbook includes methodology to conduct localized CO modeling for traffic generated by a project. At the time of the 1993 Handbook, the SoCAB was designated nonattainment under the CAAQS and NAAQS for CO. With the turnover of older vehicles, introduction of cleaner fuels, and implementation of control technology on industrial facilities, CO concentrations in the SoCAB and in the state have steadily declined. In 2007, the SCAQMD was designated in attainment for CO under both the California AAQS and National AAQS.

As identified within SCAQMD's 2003 Air Quality Management Plan (2003 AQMP) and the 1992 Federal Attainment Plan for Carbon Monoxide (1992 CO Plan), peak carbon monoxide concentrations in the SoCAB were a result of unusual meteorological and topographical conditions and not a result of congestion at a

particular intersection. A CO hot spot analysis was conducted for four busy intersections in Los Angeles⁵ at the peak morning and afternoon time periods and did not predict a violation of CO standards. Under existing and future vehicle emission rates, a project would have to increase traffic volumes at a single intersection by more than 44,000 vehicles per hour—or 24,000 vehicles per hour where vertical and/or horizontal air does not mix—in order to generate a significant CO impact (BAAQMD 2011). Therefore, the potential for CO hotspots to be generated in the SoCAB is extremely unlikely because of the improvements in vehicle emission rates and control efficiencies. Typical projects would not expose sensitive receptors to substantial pollutant concentrations and analysis of CO hotspots is not warranted. Impacts would not be significant, and no mitigation measures are necessary.

e) Create objectionable odors affecting a substantial number of people?

Less Than Significant Impact. The project would not emit objectionable odors that would affect a substantial number of people. The threshold for odor is if a project creates an odor nuisance pursuant to SCAQMD Rule 402, Nuisance, which states:

A person shall not discharge from any source whatsoever such quantities of air contaminants or other material which cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public, or which endanger the comfort, repose, health or safety of any such persons or the public, or which cause, or have a natural tendency to cause, injury or damage to business or property. The provisions of this rule shall not apply to odors emanating from agricultural operations necessary for the growing of crops or the raising of fowl or animals.

The type of facilities that are considered to have objectionable odors include wastewater treatments plants, compost facilities, landfills, solid waste transfer stations, fiberglass manufacturing facilities, paint/coating operations (e.g., auto body shops), dairy farms, petroleum refineries, asphalt batch plants, chemical manufacturing, and food manufacturing facilities. Schools are not associated with foul odors that constitute a public nuisance; therefore, odor impacts would be less than significant, and no mitigation is required.

During construction activities, construction equipment exhaust, application of asphalt and architectural coatings would temporarily generate odors. Any construction-related odor emissions would be temporary, intermittent in nature, and would not affect a significant number or people. Impacts associated with construction-generated odors would be less than significant, and no mitigation is required.

3.4 BIOLOGICAL RESOURCES

a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?

No Impact. The project site is entirely developed and is in an urban setting developed with school, industrial, and residential uses. The proposed project would improve existing athletic facilities. There is no native habitat on or next to project site. Furthermore, the site is not within a habitat area or vegetation community according to the Open Space and Conservation Element of the City of Riverside General Plan 2025. The

⁵ The four intersections were: Long Beach Boulevard and Imperial Highway; Wilshire Boulevard and Veteran Avenue; Sunset Boulevard and Highland Avenue; and La Cienega Boulevard and Century Boulevard. The busiest intersection evaluated (Wilshire and Veteran) had a daily traffic volume of approximately 100,000 vehicles per day and a level of service (LOS) of E in the morning peak hour and LOS F in the evening peak hour.



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proposed project would have no adverse impact on any sensitive species. No impact would occur, and no mitigation is required.

b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?

No Impact. The campus is in a developed area, surrounded by industrial uses. There are no riparian habitat or sensitive natural communities on or near the project site. No impact to riparian habitat or natural communities would occur as a result of the proposed project, and no mitigation is required.

c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?

No Impact. The site is entirely developed. The proposed project would improve athletic facilities on an existing high school campus. No wetlands would be affected by the proposed project. No impact on federally protected wetlands would occur, and no mitigation is required.

d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?

No Impact. The project site is entirely developed and in a developed urban setting, so it is not available as a corridor for wildlife movement by land. Furthermore, project implementation would not require the removal of any trees, so the project would not have any direct impact on migrating or nesting birds. No impact would occur as a result of the proposed project, and no mitigation is required.

e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?

No Impact. The proposed project would not require the removal of any existing trees within the high school campus or on public streets. Therefore, the project would not conflict with local policies and ordinances concerning protecting biological resources, including trees and birds. No conflict or impact to local policies and ordinances would occur as a result of project implementation, and no mitigation is required.

f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?

No Impact. The project site is within the plan area of the Western Riverside County Multi-Species Habitat Conservation Plan (MSHCP). This plan includes all unincorporated Riverside County land west of the San Jacinto Mountains to the Orange County line, and fourteen cities, including the City of Riverside. However, the project site is not in an area of the Western Riverside County MSHCP designated for preservation. Additionally, the project site is not within the Stephens' Kangaroo Rat Habitat Conservation Plan area or any habitat conservation plan areas other than the Western Riverside County MSHCP, as shown in the "Stephens' Kangaroo Rat (SKR) Core Reserves and Other Habitat Conservation Plans (HCP)" map in the Open Space/Conservation Element of the City of Riverside General Plan 2025. Furthermore, the project site is fully developed and does not contain any natural habitat. No impact would occur, and no mitigation is required.

3.5 CULTURAL RESOURCES

The information and analysis in this section is based partly on the following technical study:

- McKenna et al. 2010, August 16. A Summary Report on the Proposed Improvements at the John W. North High School Campus in the City of Riverside, Riverside County, California.

This report is included in Appendix B of this document.

a) Cause a substantial adverse change in the significance of a historical resource as defined in § 15064.5?

No Impact. Section 15064.5 defines historic resources as resources listed or determined to be eligible for listing by the State Historical Resources Commission, a local register of historical resources, or the lead agency. Generally a resource is considered to be “historically significant” if it meets one of the following criteria:

- i) Is associated with events that have made a significant contribution to the broad patterns of California’s history and cultural heritage;
- ii) Is associated with the lives of persons important in our past;
- iii) Embodies the distinctive characteristics of a type, period, region or method of construction, or represents the work of an important creative individual, or possesses high artistic values; or
- iv) Has yielded, or may be likely to yield, information important in prehistory or history.



The John W. North High School campus was constructed in 1965. In their cultural report, McKenna et al. concluded that, due to the relatively young age of the campus, the campus is not historically significant and contains no historic structures, buildings, or other historical resources. Implementation of the proposed project would not impact any identified historical resources on the site. No impact would occur, and no mitigation is required.

b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to § 15064.5?

Less Than Significant Impact. The Native American Heritage Commission has no record of Native American sacred or religious sites in the area and indicated that it is unlikely that Native American artifacts exist on the project site. However, McKenna et al. found that the school site was associated with at least three structures (residences) prior to the redevelopment in ca. 1965. These residences were built in the northeast area of the campus, along the frontages of 3rd Street and Chicago Avenue in the area of the northern baseball field. Although these structures no longer exist on the campus, the project site may contain buried archaeological resources associated with these residences. McKenna et al. concluded that “it is unlikely resources will be identified.” However, as a best management practice (BMP), the District will arrange to have an archaeological consultant on-call for all ground-disturbing activities. This BMP will allow an archaeological consultant to be readily accessible to immediately assess potential archaeological resources and make recommendations to the District should any be uncovered. Furthermore, should evidence of Native American resources be uncovered, the on-call archaeologist and District will be able to contact and consult with a local Native American representative to assist in the accurate recordation and

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recovery of the resources. Existing District practices would ensure that no significant impacts to archaeological resources would occur as a result of project construction. No mitigation is required.

c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?

Less Than Significant Impact. The project site is fully developed and contains no unique geologic features. Data on paleontological resources available from the Los Angeles County Museum of Natural History, which keeps records of paleontological resources throughout southern California, including Riverside County, indicate that shallow deposits in the project area are not likely to yield evidence of fossil specimens. However, deeper deposits of older Quaternary alluvium may contain fossils or other paleontological resources. Due to the relatively small nature of the proposed project, it is not likely that paleontological resources would be affected by ground-disturbing activities. However, as a BMP, the District will retain an on-call paleontological consultant to be readily accessible during ground-disturbing activities should fossils be uncovered during construction. The paleontological consultant will be able to make recommendations to the District and coordinate with accredited and permanent scientific institutions. This District practice would ensure that no significant impacts to paleontological resources would occur as a result of the proposed project. No mitigation is required.

d) Disturb any human remains, including those interred outside of formal cemeteries?

Less Than Significant Impact. There are no known human remains at the project site. However, in the unlikely event that human remains are uncovered during project implementation, Government Code Section 27460 et seq. mandates that there shall be no further excavation or disturbance until the Riverside County Coroner has determined that the remains are not subject to the provisions of Section 27491 of the Government Code or any other related provisions of law concerning investigation of the circumstances, manner, and cause of death, and the required recommendations concerning the treatment and disposition of the human remains have been made to the person responsible for the excavation, or to his or her authorized representative, in the manner provided in Section 5097.98 of the Public Resources Code. Pursuant to California Health and Safety Code Section 7050.5, the coroner shall make his or her determination within two working days of notification of the discovery of the human remains. If the coroner determines that the remains are not subject to his or her authority and has reason to believe that they are those of a Native American, he or she shall contact the Native American Heritage Commission by telephone within 24 hours. Conformance with existing regulations would ensure that impacts to human would be less than significant. No mitigation is required.

3.6 GEOLOGY AND SOILS

The information and analysis in this section is based partly on the following technical study:

- Leighton Consulting, Inc. 2010, June 30. Geotechnical Investigation, Proposed Aquatic Center, Football Stadium and Athletic Facilities, John W. North High School, 1550 Third Street, City of Riverside, California.

This report is included in Appendix C of this document.

a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:

- i) **Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning map, issued by the State Geologist for the area or based on other**

substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.

No Impact. The project site is not within an Alquist-Priolo Earthquake Fault Zone, according to the Alquist-Priolo Fault Zone map. The City of Riverside General Plan 2025 does not identify any faults or fault zones on or adjacent to the project site. The geotechnical report prepared by Leighton for the proposed project did not identify any active faults on the project site, and stated that the site is not near a pressure ridge or within a designated Earthquake Fault Zone. The geotechnical report concluded that the potential for surface rupture of active faults at the project site is very low. Furthermore, the proposed project would make improvements to existing facilities that are currently in use. No hazards or risks related to fault rupture would be introduced by the proposed project and no mitigation is required.

ii) Strong seismic ground shaking?

Less Than Significant Impact. The geotechnical investigation prepared for the proposed project identified seismic ground shaking as the principal seismic hazard that could affect the project site. Regional faults that could affect the site, as identified by the geotechnical investigation, include the San Jacinto, Elsinore, Whittier, Cucamonga, and San Andreas faults.

However, although the project site is in a seismically active region, it is not at greater risk than other sites in Southern California. The geotechnical investigation concluded that the proposed project is feasible from a geotechnical standpoint and that appropriate planning and design of the project would limit the impact of seismic shaking. The geotechnical report included recommendations for site preparation and construction. The project is required to comply with the recommendations of this geotechnical report and any subsequent geotechnical reports. Furthermore, the California Building Code (CBC) contains seismic safety requirements that are enforced by the Division of the State Architect (DSA) for public school projects. Mandatory compliance with the recommendations of the geotechnical investigations for the proposed project, as well as compliance with existing CBC and DSA requirements, would reduce hazards related to seismic ground shaking to acceptable levels. Impacts would be less than significant, and no mitigation is required.



iii) Seismic-related ground failure, including liquefaction?

Less Than Significant Impact. Liquefaction is a loss of soil strength or stiffness that occurs in loose, low-density saturated soils during strong ground shaking. Liquefaction can cause sand boils, excessive settlement, and bearing capacity failures. High liquefaction potential depends upon three main contributing factors: 1) cohesionless, granular soils having relatively low densities (usually of Holocene age); 2) shallow groundwater (generally less than 50 feet); and 3) moderate to high seismic ground shaking.

The geotechnical report for the proposed project noted that the project area is mapped by the Riverside County Land Information System as having a low liquefaction potential, and stated that groundwater was not encountered in borings conducted to a maximum depth of 51.5 feet, and that the historically shallowest groundwater level is estimated to be 90 feet or deeper. The geotechnical report concluded that the potential for liquefaction and liquefaction-related damage at the site is very low. No significant impacts related to liquefaction would occur, and no mitigation is required.

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iv) Landslides?

No Impact. The geotechnical report identified no slopes from which landsliding could affect the project site. There are no significant slopes on or near the project site. No impact related to landslides would occur, and no mitigation is required.

b) Result in substantial soil erosion or the loss of topsoil?

Less Than Significant Impact. Construction of the proposed athletic facilities would require excavation and could expose soil that would lead to erosion if not properly controlled. Development would be subject to local and state codes and requirements for erosion control and grading during construction. Development of the proposed project would be required to comply with standard conditions, including SCAQMD Rule 403, which would reduce construction erosion impacts. Rule 403 limits the amount of particulate matter that can be emitted into the atmosphere from human activities. Project development would also be subject to the National Pollutant Discharge Elimination System Permit requirements, including the development and implementation of a Storm Water Pollution Prevention Plan and Monitoring Program. Compliance with established regulations would reduce construction impacts to soil erosion and/or the loss of topsoil to less than significant levels. After construction activities, the project site would be developed and landscaping on the site would be maintained, and would not contain substantial areas of exposed soil. No significant impacts related to soil erosion would occur, and no mitigation is required.

c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse?

Less Than Significant Impact. As described above, the proposed project would not be exposed to significant hazards or impacts related to landslides or liquefaction. Additionally, the geotechnical report prepared for the project found that the potential for soil collapse is negligible. The report also stated that soils on the site are expected to undergo less than 1 inch of seismic settlement, and that differential settlement due to seismic loading is assumed to be less than 0.5 inch over a horizontal distance of 40 feet. However, the geotechnical report found that the upper 5 to 10 feet of alluvial soil is considered slightly to moderately compressible.

The geotechnical report concluded that, with the implementation of the recommendations included in the geotechnical report, the proposed project could be safely implemented. The recommendations include soil improvements and soil fill requirements, including removal and recompaction of upper soils to reduce soil compressibility, that would address any issues related to unstable soils. Furthermore, the CBC includes provisions for minimizing hazards to structures. After compliance with the recommendations of the geotechnical report and existing regulations, hazards from unstable soils would be less than significant. Impacts related to landslide, lateral spreading, subsidence, liquefaction, or collapse would be less than significant, and no mitigation is required.

d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?

Less Than Significant Impact. Expansive soils contain significant amounts of clay particles that swell considerably when wetted and shrink when dried. The geotechnical report prepared for the project found that the alluvial soils on the site are expected to have a low to very low expansion potential. Additionally, the proposed project would make improvements to existing facilities and would not develop any previously

undeveloped land. No significant impacts related to expansive soils would occur as a result of the proposed project, and no mitigation is required.

e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?

No Impact. As the project would not require the installation or use of any septic tanks or alternative wastewater disposal systems, soil impacts associated with this use would not occur and no mitigation is required.

3.7 GREENHOUSE GAS EMISSIONS

This section analyzes the project's contribution to global climate change impacts in California through an analysis of project-related greenhouse gas (GHG) emissions. The primary GHG of concern is carbon dioxide (CO₂), which constitutes the majority (greater than 99 percent) of project-related emissions. Pursuant to Section 15064.4, *Determining the Significance of Impacts from Greenhouse Gas Emissions*, of the CEQA Guidelines a lead agency must consider the following when assessing the significance of impacts from greenhouse gas (GHG) GHG emissions on the environment:

- The extent to which the project may increase (or reduce) GHG emissions as compared to the existing environmental setting;
- Whether the project emissions exceed a threshold of significance that the lead agency determines applies to the project;
- The extent to which the project complies with regulations or requirements adopted to implement an adopted statewide, regional, or local plan for the reduction or mitigation of GHG emissions.⁶



Information on manufacture of cement, steel, and other "life cycle" emissions that would occur as a result of the project are not available and are not included in the analysis.⁷ A background discussion on the regulatory setting, methodology, and modeling can be found in Appendix A to this Initial Study.

a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?

Less Than Significant Impact. Global climate change is not confined to a particular project area and is generally accepted as the consequence of global industrialization over the last 200 years. A typical project, even a very large one, does not generate enough greenhouse gas emissions on its own to influence global climate change significantly; hence, the issue of global climate change is, by definition, a cumulative environmental impact. The State of California, through its governor and its legislature, has established a

⁶ A plan must be adopted through a public review process and include specific requirements that reduce or mitigate the project's incremental contribution of GHG emissions. If there is substantial evidence that the possible effects of a particular project are still cumulatively considerable, notwithstanding compliance with the adopted regulations or requirements, an EIR must be prepared for the project.

⁷ Life cycle emissions are the GHG emissions from raw material production, manufacture, distribution, use, and disposal and include all intervening transportation emissions caused by the product's existence. Because the amount of materials consumed during the operation or construction over the lifetime of the project is not known, the origin of the raw materials purchased is not known, and manufacturing information for those raw materials are also not known, calculation of life cycle emissions would be speculative.

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comprehensive framework for the substantial reduction of GHG emissions over the next 40-plus years. This will occur primarily through the implementation of Assembly Bill (AB 32) and Senate Bill (SB 375), which will address GHG emissions on a statewide cumulative basis.

The proposed project would contribute to global climate change through direct emissions of GHG from onsite area sources, offsite energy production required for onsite activities, and vehicle trips generated by the project. Annual GHG emissions were calculated for construction and operation of the project. Annual average construction emissions were amortized over 30 years and included in the emissions inventory to account for GHG emissions from the construction phase of the project. Project-related GHG emissions are shown in Table 5. For operation, the project's GHG emissions are separated into emission sources for the applicable GHG emissions sectors.

**Table 5
Net Increase in GHG Emissions**

Source	GHG Emissions (MTons/Year)	
	Net Increase	Percent of Increase
Energy	14	5%
Mobile	250	88%
Waste	3	1%
Amortized Construction Emissions ¹	18	6%
Total All Sectors	285	100%
SCAQMD's Proposed Screening Threshold	3,000	NA
Exceeds Proposed Screening Threshold	No	NA

Source: CalEEMod, Version 2011.1.1. Assumes implementation of the California Green Building Code and 2008 Building and Energy Efficiency Standards.

MTons: metric tons; NA: Not Applicable

¹ Total construction emissions are amortized over 30 years.

The proposed project at buildout would generate a net increase of 285 metric tons (MTons) of GHG per year compared to existing conditions. The total increase in GHG emissions onsite from the project would not exceed SCAQMD's proposed screening threshold of 3,000 MTons.⁸ Because the GHG emissions associated with the project would not exceed SCAQMD's screening threshold, the proposed project's cumulative contribution to GHG emissions is less than significant. No mitigation is required

b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

Less Than Significant Impact. The California Air Resources Board's (CARB) Scoping Plan is California's GHG reduction strategy to achieve the state's GHG emissions reduction target established by Assembly Bill (AB) 32, which is 1990 levels by year 2020. Statewide strategies to reduce GHG emissions include the Low Carbon Fuel Standard (LCFS), California Appliance Energy Efficiency regulations, California Renewable Energy Portfolio standard, changes in the corporate average fuel economy (CAFE) standards, and other early action measures to ensure the state is on target to achieve the GHG emissions reduction goals of AB

⁸ This threshold is based on SCAQMD's 3,000 MTons combined threshold proposed by SCAQMD's Working Group, which is based on a survey of the GHG emissions inventory of CEQA projects. Approximately 90 percent of CEQA projects GHG emissions inventories exceed 3,000 MTons, which is based on a potential threshold approach cited in CAPCOA's White Paper, *CEQA and Climate Change*.

32. In addition, the state of California recently adopted the 2008 Building and Energy Efficiency Standards and the California Green Building Code (CALGreen). The project would be constructed to achieve the 2008 Building and Energy Efficiency Standards. In addition, field grass would be replaced with artificial turf during the stadium modernization, reducing water demand at the existing campus.

The project's GHG emissions would be further reduced from compliance with these statewide measures. The proposed project would not have the potential to interfere with the State of California's ability to achieve GHG reduction goals and strategies. No impact would occur, and no mitigation measures are required.

3.8 HAZARDS AND HAZARDOUS MATERIALS

a) Create a significant hazard to the public or the environment through the routine transport, use or disposal of hazardous materials?

Less Than Significant Impact. The proposed project would not create a significant hazard through the transport or use of hazardous materials. Construction and operation of the improved athletic facilities would not require extensive or ongoing use of acutely hazardous materials or substances. While grading and construction activities may involve the transport, storage, use, or disposal of some hazardous materials, such as onsite fueling/servicing of construction equipment, the activities would be short term and would be subject to federal, state, and local health and safety requirements.

The types of hazardous materials associated with operation of the project would generally be limited to those associated with maintenance, janitorial, and repair activities, such as commercial cleansers, lubricants, paints, etc. These hazardous materials would be used in very limited amounts for school operations, and transport, storage, use, and disposal of these materials would be subject to federal, state, and local health and safety requirements. The proposed project would result in the demolition of the existing pool at the campus and construction of a larger pool. Some chemicals are used in pool maintenance and cleaning, and the proposed project would require a slight increase in the quantity of these materials used at the site in order to maintain the larger pool. However, this increase would be negligible. The materials used to maintain the pool would be used in small quantities and would not pose a hazard to site occupants.

Furthermore, the storage, handling, and disposal of hazardous materials are regulated by the EPA, Occupational Safety and Health Administration (OSHA), and the Riverside County Department of Environmental Health. The requirements of these agencies would be incorporated into the design and operation project. This would include providing for and maintaining appropriate storage areas for hazardous materials and installing or affixing appropriate warning signs and labels.

No significant impacts would be introduced by the proposed project, and no mitigation is required.

b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?

Less Than Significant Impact. As described above, the use of hazardous materials resulting from the proposed project would be regulated by several agencies. Use of hazardous materials during the construction phase of the proposed improvements would be short term. The operation of the new athletic facilities would require use of hazardous materials only in small amounts. Hazardous materials would not be present in large quantities at the site, and significant risks due to upset or accidents involving hazardous materials at the site would be limited. Impacts would be less than significant, and no mitigation is required.



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c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?

Less Than Significant Impact. Operation of the proposed project would not emit hazardous stationary emissions that would impact sensitive receptors on- or offsite, including students at the John W. North High School campus or other nearby schools. Equipment installed as a result of the proposed project, such as a boiler for the proposed pool, would be relatively small and similar to existing equipment being replaced. As described above, long-term operation of the project would not involve the transport, storage, use, or disposal of substantial amounts of hazardous materials. The types of hazardous materials generally associated with the operation of the proposed pool and athletic facilities are common substances such as commercial cleansers, paints, aerosol cans, etc., used by the maintenance and/or janitorial staff. These materials would be used in small quantities and would be stored in compliance with federal, state, and local health and safety requirements. The proposed project would not create any new significant hazards or impacts due to hazardous emissions or handling of hazardous materials to existing or proposed schools within a quarter mile of the project site. No mitigation is required.

d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?

Less Than Significant Impact. A search of regulatory agency environmental databases for the John W. North High School campus was conducted by Environmental Data Resources, Inc., (EDR) on July 29, 2010. This report from EDR is included in Appendix D. John W. North High School was listed on the following databases:

- **Resource Conservation and Recovery Act (RCRA)** database records facilities that generate, transport, treat, store, or dispose of hazardous waste. The site is listed as a large quantity generator of hazardous waste. Hazardous waste generated at the site is listed as batteries, lamps, pesticides, and thermostats. No violations were found.
- **FINDS (Facility Index System)** is a system that tracks other databases. The site is listed in the FINDS database because the National Center for Education Statistics has collected data related to education on the campus. Additionally, as the site was listed in the RCRA database, it was also listed in the FINDS database.
- **Haznet** is a database of disposal of hazardous materials shipment manifests maintained by the California Environmental Protection Agency (Cal/EPA). The project site is listed for shipments of various hazardous materials from the school to disposal facilities. These included laboratory waste chemicals and other waste. These were materials that were disposed of from the campus. However, the listing of the site on the Haznet database for disposal of hazardous materials does not indicate the presence of hazardous materials on the site and does not indicate the presence of hazards on the site.
- **California Hazardous Material Incident Reporting System** is a database that contains information on reported hazardous material incidents such as releases or spills. The project site is listed for a 1996 incident in which a vial of mercury was spilled on a classroom floor.

None of the above database listings indicate a substantial hazard from existing hazardous materials on or near the project site resulting from construction or operation of the project. The use of hazardous materials on the project site is regulated by several agencies. Additionally, hazardous materials used on the project

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site are in small quantities, are typical of hazardous materials used by schools, and do not pose a considerable risk to site occupants. The proposed project would not expose people to hazardous conditions or increase exposure to existing hazards. Impacts would be less than significant, and no mitigation is required.

- e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?**

No Impact. The nearest airport is Flabob Airport, approximately three miles west of the campus. Riverside Municipal Airport is approximately five miles west of the campus. The site is not within any airport compatibility zones designated in the Riverside County Airport Land Use Compatibility Plan. The proposed project would not construct any structures that could interfere with air travel, and would not otherwise increase or alter air traffic. Air travel does not pose a significant hazard to occupants of the project site, and the proposed project would not create or increase any hazards related to air travel. No impact would occur, and no mitigation is required.

- f) For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?**

No Impact. As listed on the airnav.com database, the nearest private airstrip to the campus is the Riverside City Hall Heliport near the intersection of Orange Street and 10th Avenue in the City of Riverside, about 1.5 miles west of the project site. A new heliport has also been proposed at Riverside Community Hospital, also approximately one mile west of the project site. The project would not create any structures that could affect helicopters or air travel. Helicopters operating to and from the existing and proposed nearby heliports would not pose a substantial hazard to persons at the project site. Furthermore, the project would not increase air traffic or otherwise affect air traffic patterns. Impacts would not be significant, and no mitigation is required.



- g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?**

Less Than Significant Impact. The proposed project would not significantly alter the use of the project site and would not impact or affect any emergency response or evacuation plans. Project plans would be submitted to the City of Riverside Fire Department for review of emergency access to buildings, turning radii for fire apparatus, etc. The proposed project would comply with any resulting fire department recommendations. Requirements regarding emergency access and emergency evacuation are also enforced by the DSA for public school projects.

Roadways in the vicinity of the site would continue to provide emergency access through the project area and to surrounding properties during the project's construction. In the event that a temporary closure of any street is required, the project's contractor would be required to provide the City with a construction schedule and plans for the closure of the street and to ensure that placement of construction materials and equipment does not obstruct or detour traffic. The project's construction contractor would be required to comply with all City and/or fire department recommendations, as applicable, for reducing impacts to emergency response or evacuation plans. No significant impacts would occur, and no mitigation is required.

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h) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?

No Impact. The project site and surrounding areas are developed with urban uses and do not contain wildland vegetation. There is no forest land, wild land, or otherwise undeveloped areas near the project site that would be susceptible to wildland fires. Additionally, the project site is not designated as an area at high risk of fire hazard by the California Fire and Resource Assessment Program's Very High Fire Hazard Severity Zones in LRA (Local Responsibility Areas) map for the City of Riverside. Furthermore, the proposed project would improve portions of the existing campus and would not bring people to previously unused areas. The project would not increase risks related to wildland fires or expose people or structures to significant risk of wildland fires. No impact would occur, and no mitigation is required.

3.9 HYDROLOGY AND WATER QUALITY

a) Violate any water quality standards or waste discharge requirements?

Less Than Significant Impact. Discharges into stormwater drains or channels from construction sites larger than one acre are regulated by the General Permit for Storm Water Discharges Associated with Construction Activity (General Permit; Water Quality Order 99-08-DWQ) issued by the State Water Quality Control Board in August 1999 and modified in April 2001. The General Permit was issued pursuant to National Pollutant Discharge Elimination System (NPDES) regulations of the US Environmental Protection Agency, as authorized by the Clean Water Act. Because the proposed project would disturb a total area greater than an acre in size, a Storm Water Pollution Prevention Plan (SWPPP) would be required. The SWPPP is a document that is used to plan the stormwater-related erosion control program. It will follow a standardized template laid out by the EPA and is the plan of action to keep construction-related dirt, silt, chemicals, and other undesirables out of the storm drain system and out of nearby natural water systems. As required by the General Permit, a qualified engineer will analyze the land, construction plans, rain seasons, and other factors that may effect the runoff of water from construction of the project. Based on the anticipated impacts to stormwater, the SWPPP would include best management practices (BMPs) that the project would use to minimize pollution of stormwater. These BMPs would be designed to reduce erosion during rain storms. Below is a list of the most commonly used approaches; they may or may not be used for the proposed project. When used in layers, these practices have proven to be very effective at reducing stormwater erosion. Nevertheless, close monitoring is mandatory when the rain is falling to ensure that these preventive measures are adequate in minimizing pollution into storm drains.

- Sandbag Berms
- Gravel Bags
- Silt Fences
- Fiber Rolls
- Erosion Control Blankets
- Hydro Seeding
- Mulching
- Proper Construction Entrances

Discharges into stormwater from postconstruction activities are regulated by the Municipal Separate Storm Sewer System (MS4) Permit, issued by the Santa Ana Regional Water Quality Control Board, also pursuant to NPDES regulations. According to the Preliminary Hydrology Study prepared by EPIC Engineers (November 2011) for the proposed project, the existing campus lacks adequate subsurface infrastructure to convey onsite runoff. The site primarily comprises surface drainage through concentrated swales and sheet

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flow, with a small amount of drain inlet boxes and storm drain piping. Currently the existing athletic fields (football, baseball, softball, soccer) generally slope to the northwest via sheet flow runoff that exits the property along the fence lines of Chicago Avenue and Third Street. Runoff of approximately the middle one-third of the campus travels through a series of drain inlet boxes and underground piping, which ultimately outlet onto the surface of the existing access road that separates the athletic fields and the main campus. From there, runoff is intercepted by a concrete gutter and/or curb and gutter that convey the runoff to an under-sidewalk drain where it ultimately leaves the site on Third Street. The remaining easterly one-third of the site generally slopes to the northeast through swales, sheet flow, and a small amount of inlet drain boxes and underground piping. This runoff is collected in an earthen channel along the north end of the easterly property line. Flow in this channel is to the north, where it eventually enters an existing 66-inch reinforced concrete pipe storm drain line at the northeast corner of the school property. The total predeveloped storm flows are 55.4 cubic feet per second (cfs) for a 10-year, 3-hour storm event, and 82.1 cfs for a 100-year, 3-hour storm event.

The proposed project would intensify the use of the site and consequently increase the amount of pollutants that could have a deleterious effect to water quality. The project would also increase the amount of impervious areas on the campus, therefore possibly increasing the amount of runoff. Project design features, however, will not only mitigate the project impacts, but will also improve current conditions.

The proposed grading design and storm drain systems will convey nearly the entire newly developed site's drainage toward a series of subsurface storage chambers, located west of the new stadium bleachers in the open turf area between the existing softball fields. The storage chambers will have the capacity to capture and retain a 2-year storm event. Built into the system will be outlets capable of releasing the excess stormwater toward the property perimeter, as was the case prior to development. The site storage chambers will be designed to treat the stormwater runoff and detain the volumes of postdeveloped storm events and release them at a rate that is lower than the predeveloped condition. Therefore, after project implementation, the increase in stormwater runoff would be mitigated, and the discharged water would be treated per Riverside County standards.



In complying with NPDES requirements, project implementation would have no significant impacts to water quality standards or waste discharge requirements, and no mitigation is required.

b) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?

Less Than Significant Impact. Groundwater hydrology impacts may occur from extracting groundwater from water supply needs, increasing or decreasing groundwater recharge, intercepting and removing groundwater from cuts or excavations, or remediation of contaminated groundwater. Earthwork cuts or excavations in areas of shallow groundwater may necessitate the use of temporary or permanent removal of groundwater by dewatering systems. Groundwater recharge may be reduced if an area currently available for spreading of stream runoff is reduced, if permeable streambeds are lined, or if permeable areas located above groundwater basins are replaced by hard surfaces (paving, buildings, etc.). Groundwater recharge may be increased if larger permeable areas are created.

Excavation at the lowest existing grades at the project site would not encounter groundwater. The geotechnical report completed for the project stated that groundwater was not encountered in borings conducted to a maximum depth of 51.5 feet and that the historically shallowest groundwater level is estimated to be 90 feet or deeper. Excavation activities would be minimal since the project site is already

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developed and is relatively flat. Due to the depth of groundwater and the limited excavation, groundwater would not be encountered, dewatering would not be involved, and the quality of groundwater would not be impacted. Additionally, the District would be required to comply with a NPDES permit and adhere to standard BMPs designed to prevent erosion and siltation during the project's construction phase, thereby effectively precluding potentially significant impacts to surface water bodies and to the underlying groundwater. Development of the proposed project would not directly or indirectly result in a degradation of groundwater quality, and impacts to groundwater quality would be less than significant. No mitigation measures are required.

- c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in a substantial erosion or siltation on- or off-site.**

Less Than Significant Impact. The majority of potential erosion and siltation impacts would occur during the construction phase of the proposed project. During construction, the project site would be cleared of vegetation and debris in preparation for grading, which would expose loose soil to potential wind and water erosion. If not controlled, the transport of these materials to local waterways would temporarily increase suspended sediment concentrations and release pollutants attached to sediment particles into local waterways. As previously stated, preparation of a SWPPP would be required prior to the commencement of construction activities. The SWPPP would describe the BMPs to be implemented during the project's construction activities. Additionally, the operational phase of the proposed project would contain a number of features to reduce the impact of erosion and siltation, and postdevelopment conditions would be similar to if not better than existing conditions. The site design, source control, and treatment control BMPs for the operational phase will be outlined in the project's SWPPP. Since stormwater runoff would be controlled during construction and operation of the project, drainage patterns of the site would not be altered in a manner that would result in erosion or siltation on- or offsite. No significant impacts would occur, and no mitigation is required.

- d) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?**

Less Than Significant Impact. As described above in Section 3.9(a), the proposed project would include storm drain systems that would convey nearly the entire newly developed site's drainage toward a series of subsurface storage chambers that would have the capacity to capture and retain a 2-year storm event. Built into the system will be outlets capable of releasing the excess stormwater toward the property perimeter, as was the case prior to development. The site storage chambers would be designed to detain the volumes of postdeveloped storm events and release them at a rate that is lower than the predeveloped condition. Therefore, the proposed project would not increase the stormwater flow, which would result in flooding, either on- or offsite. No significant impacts would occur and no mitigation is required.

- e) Create or contribute runoff water which would exceed the capacity of existing or planned storm water drainage systems or provide substantial additional sources of polluted runoff?**

Less Than Significant Impact. As mentioned, the proposed project would result in a release of stormwater runoff at a rate that would be lower than the existing predeveloped condition. As such, project implementation would not create or contribute to runoff water that would exceed the capacity of stormwater drainage systems in the area. Impacts would be less than significant, and no mitigation is required.

f) Otherwise substantially degrade water quality?

Less Than Significant Impact. The proposed project would not substantially increase runoff from the project site. It would not substantially alter either the drainage or the use of the project site. The project would make improvements to existing facilities. It would not substantially affect water quality in the area. Furthermore, the proposed project would be required to comply with existing laws and regulations, including NPDES and the MS4 permit requirements, for the purpose of protecting water quality. After compliance with existing regulations, project impacts on water quality or water pollution would be less than significant. No significant impacts would occur and no mitigation is required.

g) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?

No Impact. The majority of the project site is designated by the Federal Emergency Management Agency as within flood zone X, defined as an area outside the 0.2 percent annual chance floodplain. It is outside of 100-year and 500-year flood zones. A small portion of the northeast corner of the campus, outside of the project site, is designated as a “special flood hazard area subject to inundation by the 1% annual chance flood.” However, the proposed project would not introduce any new flood hazards or place structures or people within this flood zone. Furthermore, the project would not relocate or create new housing. No impact would occur and no mitigation is required.

h) Place within a 100-year flood hazard area structures which would impede or redirect flood flows?

No Impact. The project site is designated by the Federal Emergency Management Agency as outside of 100-year and 500-year flood zones. The proposed project would not introduce any new flood hazards or place structures or people within a flood zone. No impact would occur and no mitigation is required.



i) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?

No Impact. As shown in the Flood Hazard Areas map in the Public Safety Element of the Riverside General Plan 2025, the site is not within the inundation zones of the Sycamore Canyon Dam, the Box Springs Dam, or any other local retained bodies of water. Additionally, the proposed project would make improvements to existing facilities, and would not introduce new risks or hazards at the project site. No impact would occur, and no mitigation is required.

j) Inundation by seiche, tsunami, or mudflow?

No Impact. A seiche is a surface wave created when a body of water is shaken, usually by earthquake activity. Seiches are of concern relative to water storage facilities because inundation from a seiche can occur if the wave overflows a containment wall, such as the wall of a reservoir, water storage tank, dam, or other artificial body of water. Although there are no large water tanks in the area that could impact the proposed project site, there are dams in the region that could create flooding impacts. For example, 13 dams in the greater Los Angeles area moved or cracked during the 1994 Northridge earthquake. However, none was severely damaged. This low damage level was due in part to completion of the retrofitting of dams and reservoirs pursuant to the 1972 State Dam Safety Act.

The project site is approximately 40 miles from the Pacific Ocean. The nearest large body of water are artificial ponds at a golf course approximately one-half mile north of the project site. The geotechnical investigation prepared for the proposed project by Leighton concluded that, based on the distance between

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the project site and large bodies of water, seiches and tsunamis are not a hazard to the site. The project site is not within the inundation zone of any dams which could be subject to seiching. As no significant slopes exist on or near the site, the project site would not be subject hazards related to mudslides. Additionally, the proposed project would make improvements to existing facilities and would not introduce new risks or hazards at the project site. No impact related to seiches, tsunamis, or mudslides would occur, and no mitigation is required.

3.10 LAND USE AND PLANNING

a) Physically divide an established community?

No Impact. The proposed project would make improvements to facilities within the confines of an existing high school. The use of the site would not change. Schools are generally considered to be critical community facilities and do not create barriers. The project would not divide an established community. No impact would occur, and no mitigation is required.

b) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?

Less Than Significant Impact. The existing General Plan land use designation for the campus, including the project site, is PF (Public Facilities/Institutional). The existing zoning designations for the site are R-3-1500 in the southern portion and R-1-700 in the northern portion. According to the Permitted Uses Table in the City of Riverside Municipal Code Chapter 19.150, school uses are permitted R-3 zones and permitted with a conditional use permit in R-1 zones.

The proposed project would make improvements to existing facilities, and would not alter the use of the site. The project site would continue to operate as part of the John W. North High School campus. Certain project elements, however, such as the height of the light poles proposed at the fields, may not conform to height limitations specified in the City of Riverside Municipal Code Section 19.556.020(g). Although the project would be inconsistent with the City's zoning code in this regard, Government Code Section 53094 states that the governing board of a school district "by a vote of two-thirds of its members, may render a city or county zoning ordinance inapplicable to a proposed use of property by the school district." Compliance with Government Code Section 53094 would eliminate the requirement to comply with the height limitation and would reduce any potentially significant impacts to less than significant. Therefore, impacts associated with potential conflicts with land use plans, policies, or regulations would not be significant, and no mitigation is required.

c) Conflict with any applicable habitat conservation plan or natural community conservation plan?

No Impact. As discussed in Section 3.4, *Biological Resources*, the project site is within the plan area of the Western Riverside County MSHCP. This plan includes all unincorporated Riverside County land west of the San Jacinto Mountains to the Orange County line, and 14 cities, including the City of Riverside. The project site is not in an area of the Western Riverside County MSHCP designated for preservation. The project site is not within the Stephens' Kangaroo Rat Habitat Conservation Plan area or any habitat conservation plan areas other than the Western Riverside County MSHCP, as shown in the Stephens' Kangaroo Rat Core Reserves and Other Habitat Conservation Plans map in the Open Space/Conservation Element of the City of Riverside General Plan 2025. No conflict with habitat conservation plans or natural community conservation plans would occur. Furthermore, the project site is fully developed and does not contain any natural habitat. No impact would occur, and no mitigation is required.

3.11 MINERAL RESOURCES

a) **Result in the loss of availability of a known mineral resource that would be a value to the region and the residents of the state?**

No Impact. The project site is designated by the Open Space and Conservation Element of the City of Riverside General Plan 2025 as within Mineral Resource Zone 4, indicating that the significance of mineral deposits in the area is undetermined. There are no mineral resource sites designated by the General Plan 2025 on or adjacent to the project site. Furthermore, the project site is currently fully developed and in use as part of a high school campus. Implementation of the project would not affect any undeveloped land. Project development would not make unavailable any known mineral resources valuable to the region and the state. No impact would occur and no mitigation is required.

b) **Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?**

No Impact. There are no mineral resource recovery sites on or adjacent to the project site designated in the City of Riverside General Plan 2025. Project development would not affect the availability of that mineral resource site or any other mineral site. No impact would occur, and no mitigation is required.

3.12 NOISE

Noise is defined as unwanted sound and is known to have several adverse effects on people, including hearing loss, speech and sleep interference, physiological responses, and annoyance. Based on these known adverse effects of noise, the federal government, the State of California, and the City of Riverside have established criteria to protect public health and safety and to prevent disruption of certain human activities. Characterization of noise and vibration, existing regulations, and calculations for construction noise and vibration levels can be found in Appendix E to this Initial Study.



Terminology and Noise Descriptors

The following are brief definitions of terminology used in this chapter:

- **Noise.** Sound that is loud, unpleasant, unexpected, or otherwise undesirable.
- **Decibel (dB).** A unitless measure of sound on a logarithmic scale.
- **A-Weighted Decibel (dBA).** An overall frequency-weighted sound level in decibels that approximates the frequency response of the human ear.
- **Equivalent Continuous Noise Level (L_{eq}).** The mean of the noise level averaged over the measurement period, regarded as an average level.
- **Day-Night Level (L_{dn}).** The energy average of the A-weighted sound levels occurring during a 24-hour period, with 10 dB added to the sound levels occurring during the period from 10:00 PM to 7:00 AM.
- **Community Noise Equivalent Level (CNEL).** The energy average of the A-weighted sound levels occurring during a 24-hour period with 5 dB added to the sound levels occurring during the period

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from 7:00 PM to 10:00 PM and 10 dB added to the sound levels occurring during the period from 10:00 PM to 7:00 AM.

L_{dn} and CNEL values rarely differ by more than 1 dB. As a matter of practice, L_{dn} and CNEL values are considered to be equivalent and are treated as such in this assessment.

Existing Noise Environment

The primary sources of noise are local traffic on Chicago Avenue, 3rd Street, and Linden Street and stationary noise at the existing John W. North High School campus (outdoor athletic activities, special events, bells, parking lot noise). State Route 60 (SR-60), to the northeast of the site, is also audible. Other sources of noise in the vicinity are from mechanical systems (heating, ventilation, and air conditioning [HVAC]) and other stationary sources at the existing John W. North High School campus and the adjacent commercial and residential areas.

Methodology

The analysis of noise impacts considers project construction and operations noise as defined by the District (for noise compatibility), the City of Riverside (for stationary and construction noise impacts), and the Federal Transit Administration (FTA) methodology (for construction vibration impacts). The proposed project would have a significant adverse noise impact if the project results in any of the following:

Substantial Increase in Traffic Noise Levels

The traffic noise thresholds are based on human tolerance to noise and are widely used for assessing traffic noise impacts. In general, people tend to compare intruding noise with the existing background noise. If the new noise is readily identifiable or considerably louder than the background, it has the potential to be objectionable or annoying (Caltrans 1998). Consequently, the threshold for increase in traffic noise levels is based on the potential for traffic noise to become considerably louder than the ambient noise level. In general, noise levels must increase by 10 dBA in order to double ambient noise levels. An increase of 5 dBA is readily perceptible to the public and a 3 dBA increase is barely perceivable to the average healthy human ear (Caltrans 1998). Based on the state's noise compatibility criteria of 65 dBA CNEL for residential uses, the District considers audible (3+ dBA) increases in project-related traffic noise to be substantial when the ambient noise environment with the project exceeds 65 dBA CNEL. For cumulative impacts, the District considers segments where the project contributes any increase in noise levels (0.1 dBA or more) to be substantial when cumulative increase in ambient noise levels are 3 dBA or more and noise levels are in excess of the state's noise compatibility criteria.

Stationary-Source Noise

The stationary noise thresholds are based on a combination of the human tolerance to noise and local criteria for stationary noise sources as established by the City of Riverside for noise control. In general, noise from school bands, school athletic activities, and school entertainment events are exempt from the noise limits of the City of Riverside Municipal Code (Section 7.35.020(B)). Noise impacts are based on not only the magnitude of noise but the frequency of occurrence. Therefore, for temporary or periodic increase in noise levels, like an event held at the aquatic center or stadium, the increase in noise would have to be clearly noticeable (+5 dBA) and exceed the nuisance criteria of the municipal code. However, for long-term use of athletic fields, such as gym class, intramural sports, and joint-use of the athletic fields, impacts are significant if the increase in noise would be barely audible (+3 dBA) and exceed the dBA L_{eq} during the daytime.

Construction

The City of Riverside's Noise Ordinance regulates the timing of construction activities. No construction shall be permitted outside of the hours specified in Section 7.35.010(B)(5) of the City of Riverside's Municipal Code. The City of Riverside restricts construction activities to the daytime hours of 7:00 AM to 7:00 PM Monday through Friday and between the hours of 8:00 AM and 5:00 PM on Saturdays. The potential for construction noise impacts to be objectionable depends on the magnitude of noise generated by the construction equipment, the frequency of noise sources during the construction day, and total duration of construction activities.

Vibration

Based on the FTA vibration criteria, vibration annoyance impacts are considered significant when average vibration levels produced by construction equipment would produce excessive levels of vibration (78 VdB) during the daytime at offsite vibration-sensitive structures. In addition, the vibration level at which there is a risk of architectural damage is based on the FTA criteria (0.2 in/sec for typical wood-framed buildings or 0.5 in/sec at reinforced concrete, steel, or timber).

a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?

Less Than Significant Impact. As a result of the increased capacity of the proposed stadium, the proposed project would generate new vehicle trips. The following describes potential stationary and mobile noise impacts associated with the proposed project.

Project-Related Traffic

The operations phase of the project would generate noise associated with additional vehicles traveling to and from the project site on local roadways. Based on the traffic study prepared by Garland Associates, the proposed increase in event seating (2,650 additional seats) at the stadium would generate an increase of 1,590 average daily vehicle trips (ADT). The following analysis describes traffic noise impacts of the project.

Traffic noise modeling was conducted for the buildout year of 2013 and the results are shown in Table 6. Noise from the project-related vehicle traffic is expected to increase noise levels by a maximum of 0.2 dBA on the roadway segment of Linden Street east of Chicago Avenue. The project would not result in an audible (3 dB) change in noise levels. Therefore, noise generated by project-related vehicles would be less than significant, and no mitigation is required.



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Table 6
Without Project vs. With Project Traffic Noise Modeling

Location	Existing Condition		Year 2013 Without Project		Year 2013 With Project		Increase (dBA)	
	ADT	dBA CNEL ¹	ADT	dBA CNEL ¹	ADT	dBA CNEL ¹	From Existing	Due to the Project
Linden Street								
w/o Chicago Avenue	12,020	69.2	12,740	69.5	12,820	69.5	0.3	0
e/o Chicago Avenue	12,200	70.3	12,920	70.6	13,620	70.8	0.5	0.2
3rd Street								
w/o Chicago Avenue	16,050	71.5	17,010	71.8	17,160	71.8	0.3	0
e/o Chicago Avenue	26,050	73.6	27,610	73.9	27,760	73.9	0.3	0
Chicago Avenue								
n/o Linden Street	20,130	72.5	21,330	72.7	21,800	72.8	0.3	0.1
s/o Linden Street	20,050	72.5	21,250	72.7	21,400	72.8	0.3	0.1

Source: FHWA, Highway Traffic Noise Prediction Model. Based on traffic volumes and speed limits obtained from the traffic analysis prepared by Garland Associates (2011).

Notes: ADT: average daily trips; w/o: west of; e/o: east of; n/o: north of; s/o: south of; btwn: between.

¹ Noise levels calculated at 50 feet from the roadway centerline.

Stationary-Source Noise Impacts

Stadium Modernization

The proposed project includes modernization of the existing stadium. The spectator capacity would increase from 750 to 3,400 seats, a net increase of 2,650 seats. The existing wooden bleachers of 750 spectator seats east of the field would be removed and replaced with 2,100 aluminum home seats east of the field and 1,300 aluminum visitor seats west of the field.

Noise generated during a stadium event represents the loudest stationary-source noise at the proposed project. These large-capacity events would last approximately three hours, generally between the hours of 6:30 PM and 10:00 PM. Homecoming, rival games, and possible playoff games could result in maximum-capacity crowds at the high school stadium. Occasional special events, such as graduation ceremonies, may also result in capacity crowds.

Noise generated at the proposed modernized stadium during an event would substantially increase ambient noise levels in the vicinity of the project site. Noise at the stadium would be highly variable during the game and would depend on the level of activity at the stadium. In general:

- PA systems could create more noise than the crowd. PA noise (commentary, announcements, etc.) occurs far more often than crowd cheers.
- Cheerleaders on portable PA systems, the band, and potential fireworks during halftime generate noise.
- Foot-stomping on aluminum bleachers generates noise.
- Other noise sources during a stadium event include air horns and referee whistles.

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Both home team and visitors bleachers would be constructed of aluminum without any shielding in back. Foot stomping on aluminum bleacher floors is a common source of stadium noise, often used as a louder alternative to traditional applause. The PA system would be designed with four speakers mounted on lighting poles around the track and field and pointed down toward the seating areas (centralized PA system).

Existing noise levels from stadium events are shown in Figure 7, *Existing Noise Levels from Stadium Events*, and future noise levels from stadium events are shown in Figure 8, *Future Noise Levels from Stadium Events*. As shown in Figure 9, *Change in Stadium Event Noise Levels*, removal and replacement of the stadium would increase noise levels at the residences to the west of Chicago Avenue and south of Linden Street. Residents would experience a clearly noticeable (+5 dBA) increase in noise levels. While noise levels at the residences to the west of Chicago Avenue and south of Linden Street would experience noise levels exceeding 55 dBA L_{eq} , the Riverside municipal code is duration-based (i.e., a given level should not be exceeded for a specified portion of any hour), and these exterior noise limits would not be exceeded by the proposed project, as shown in Table 7. While the increase in stadium noise would be audible, noise from the stadium would not exceed the duration-based limits of the Municipal Code, which are the basis for determining if such impacts are considered a noise nuisance. Therefore, no significant impacts are identified from the modernization of the stadium, and no mitigation is necessary.

**Table 7
Future Stadium Noise Levels**

<i>Residential</i>	<i>Leq</i>	<i>L₅₀</i>	<i>L₂₅</i>	<i>L₈</i>	<i>L₂</i>
Maximum Project Noise Level ¹	56.7	52.0	56.1	61.2	64.4
Maximum Permissible Noise Levels (dBA) ²	55.0	60.0	65.0	70.0	75.0
Meets Criteria	n/a	Yes	Yes	Yes	Yes

¹ Noise levels were predicted using SoundPlan Noise Model, Version 6.5 using noise monitoring data from Carlsbad High School, September 18, 2008. Maximum project generated noise level occurs at eastern fenceline of the residential area, along Chicago Avenue.

² Source: City of Riverside, Municipal Code, Title 7, Noise Control, Section 7.25.010.



Daytime, After-School, and Weekend Use of Hardcourts

The proposed project incorporates outdoor amenities, including two new tennis courts and relocated basketball courts. The locations of these amenities are shown in Figure 3-4, *Conceptual Site Plan*. The two new tennis courts would replace existing basketball courts and would not represent a new source of noise at the campus. The tennis courts, which are approximately 690 feet from the noise-sensitive residences south of Linden Street and West of Chicago Avenue, and the basketball courts, which are approximately 1,140 feet away, would generate 34.9 dBA at the residences. Therefore the nuisance criteria of the municipal code, which is 55 dBA L_{eq} for noise that occurs in daytime (7:00 AM to 10:00 PM), would not be exceeded, and noise impacts would be less than significant. No mitigation is required.

New Mechanical Equipment

The modified aquatic center would require installation of new mechanical equipment, such as a new pool pump. Mechanical equipment would be installed to comply with the City's Municipal Code Section 7.25.010 regulating noise (daytime 55 dBA L_{eq} -hourly and Nighttime 45 dBA L_{eq} -hourly). Therefore, use of new equipment would not substantially elevate average daytime noise levels in the vicinity of the project site, and noise impacts would be less than significant. No mitigation is necessary.

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b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?

Less Than Significant Impact. Operation of the project would not generate substantial levels of vibration due to the lack of vibration-generating sources and therefore is not analyzed below. Construction activities can generate varying degrees of ground vibration, depending on the construction procedures, construction equipment used, and proximity to vibration-sensitive uses. Operation of construction equipment generates vibrations that spread through the ground and diminish in amplitude with distance from the source. Ground vibrations from construction activities rarely reach levels that can damage structures, but can achieve the audible and perceptible ranges in buildings close to a construction site.

Vibration-Induced Architectural Damage

Building damage is not a factor for normal projects, with the occasional exception of blasting and pile-driving during construction (FTA 2006). According to Caltrans, extreme care must be taken when sustained pile driving occurs within 25 feet of any building; however, the threshold at which there is a risk of architectural damage to normal houses with plastered walls and ceilings is 0.2 inch per second (Caltrans 2002). Because the proposed project does not involve rock blasting or pile-driving or heavy construction equipment within 25 feet, vibration-induced structural damage would not occur. However, minor architectural damage from heavy construction equipment could occur. Project-related construction vibration was evaluated for its potential to cause minor architectural damage based on Federal Transit Administration's (FTA) architectural damage criteria. Table 8 shows the vibration levels from construction equipment that would occur at the nearest residential structure to the project site. As shown in the table, construction activities associated with the project would not result in vibration levels that exceed the FTA's criteria for vibration-induced architectural damage at the surrounding residences. Therefore, vibration impacts would be less than significant, and no mitigation is necessary.

Table 8
Construction-Related Risk of Architectural Damage

<i>Maximum RMS Velocity (in/sec)¹</i>	<i>Significance Threshold (in/sec)</i>	<i>Risk of Architectural Damage?</i>
0.002	0.2	No

Source: Based on methodology from FTA 2006.

RMS velocity calculated from vibration level using the reference of one microinch/second. NA: Not Applicable

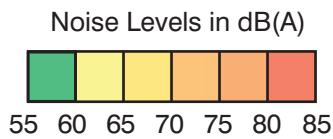
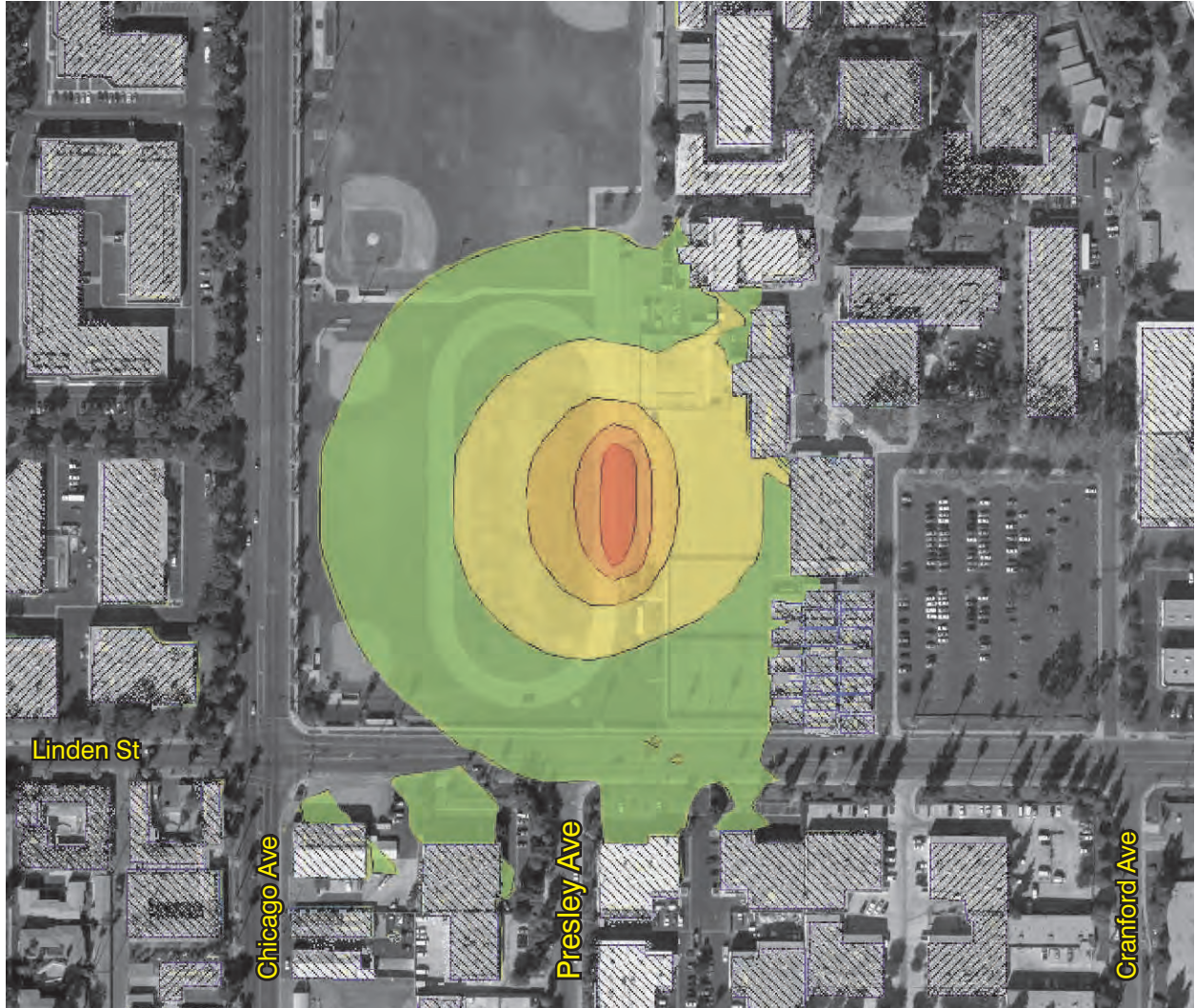
¹ Based on a distance from the boundary of the project site to the nearest structure. The closest offsite structure is approximately 310 feet from where activities would occur onsite.

² Vibration levels from the listed off-road construction equipment are equivalent to vibration levels generated by a large bulldozer.

Vibration Annoyance

Vibration is typically noticed nearby when objects in a building generate noise from rattling windows or picture frames. It is typically not perceptible outdoors (FTA 2006), and therefore impacts are based on the distance to the nearest building. The effect on buildings near a construction site varies depending on soil type, ground strata, and receptor building construction. The generation of vibration can range from no perceptible effects at the lowest vibration levels, to low rumbling sounds and perceptible vibrations at moderate levels, to slight damage at the highest levels.

Existing Noise Levels from Stadium Events

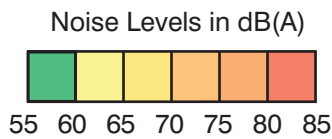
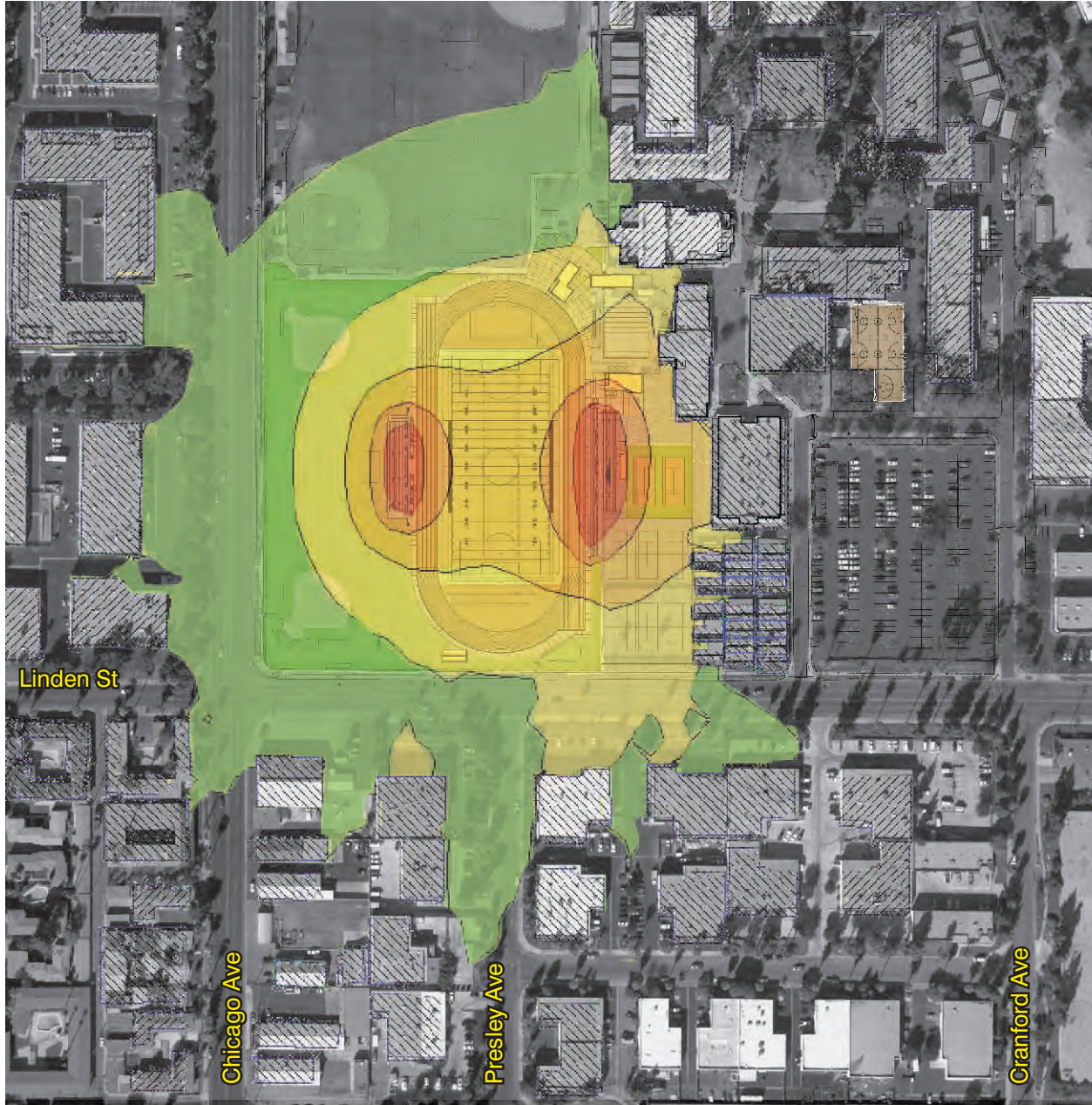


Source: Google Earth Pro 2010

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Future Noise Levels from Stadium Events

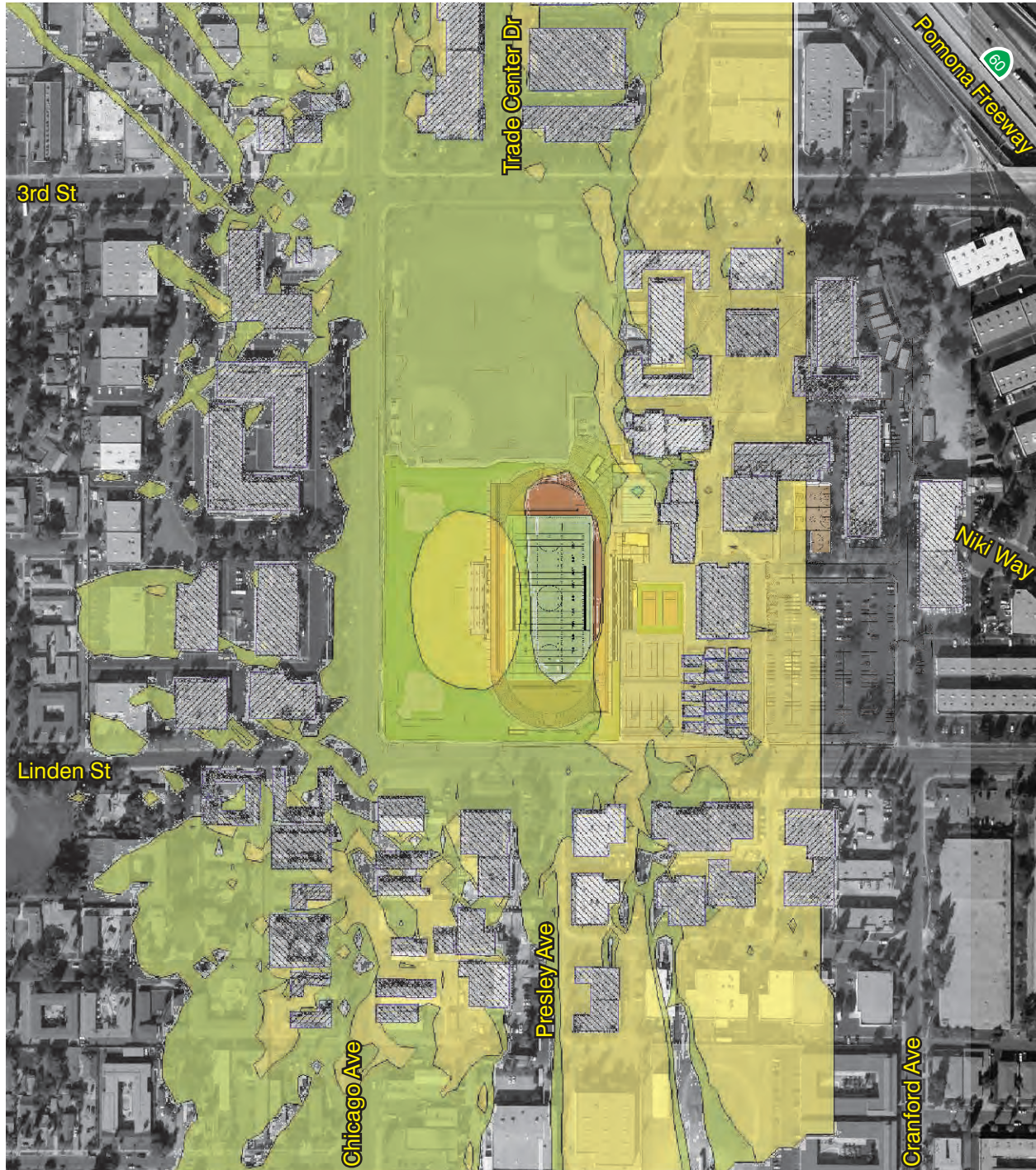


Source: Google Earth Pro 2010

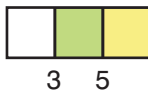
3. Environmental Analysis

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Change in Noise Levels from Stadium Events



Change in Future Noise Levels in dB(A)



Source: Google Earth Pro 2010

John W. North HS Athletic Facilities Master Plan Completion Initial Study

The Planning Center • **Figure 9**

3. Environmental Analysis

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3. Environmental Analysis

Vibration would primarily occur during the grading and foundation phases of construction. Peak vibration levels occur when construction equipment operates directly adjacent to the property line. Although the maximum vibration could be perceptible in certain instances, peak vibration events occur infrequently, they occur during the least sensitive portions of the day, and duration for which equipment would be working in close proximity would be limited. Additionally, construction activities are typically distributed throughout the project site. Therefore, construction vibration impacts are based on the average vibration levels which are vibration levels that would be experienced by sensitive receptors the majority of the time. Table 9 shows vibration levels from construction equipment operating at the project site at the surrounding vibration-sensitive land uses.

Table 9
Construction-Related Vibration Annoyance

Vibration-Sensitive Land Use	Average Distance to Nearest Construction Area (Feet)¹	Approximate Velocity (VdB)	Significance Threshold (VdB)	Sensitive Use Significantly Annoyed?
Residents South of Linden Street and West of Chicago Avenue	610	59	78	No
Classrooms	250	67	78	No

Source: Based on methodology from FTA 2006.

¹ Based on average distance, approximate distance from the receiving property line to the center of construction activities.

² Vibration levels from the listed off-road construction equipment are equivalent to vibration levels generated by a large bulldozer.



Average vibration levels for large off-road construction equipment would not exceed the FTA criterion for vibration annoyance of 78 VdB. Construction activities associated with the project would occur at substantial distances from the nearest vibration-sensitive use. Therefore, impacts to offsite residences from vibration annoyance would be less than significant, and no mitigation is required.

c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?

Less Than Significant Impact. As described in response 3.12a above, increases in noise levels related to stationary sources for the proposed project would not substantially elevate the existing ambient noise environment and would not result in a significant impact. Therefore, no mitigation measures are necessary.

d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?

Less Than Significant Impact with Mitigation Incorporated. Noise levels associated with construction activities would be higher than the ambient noise levels in the project area today, but would subside once construction of the proposed project is completed. Short-term noise would be generated from construction activities, including site preparation and construction. Two types of short-term noise impacts could occur during construction: (1) mobile noise from transport of workers and material deliveries and (2) stationary construction noise from use of onsite construction equipment. The following analysis describes construction noise impacts of the project.

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Mobile Sources of Short-Term Construction Noise

The transport of workers and equipment to the construction site would incrementally increase noise levels along site access roadways. Even though there would be a relatively high single-event noise exposure potential with passing trucks (a maximum noise level of 86 dBA at 50 feet), the expected number of workers and trucks is minimal (Caltrans 1998). It is anticipated that up to 15 construction trips would be generated per day.⁹ Furthermore, truck trips would be spread throughout the workday and would primarily occur during nonpeak traffic periods. The existing roadway volumes within the study area range between 12,020 and 26,050 average daily trips.¹⁰ Typically, to increase noise levels by 3 dB, a doubling of vehicle trips would be required. The low volume of project-related construction worker and vendor trips would be negligible compared to the volumes of traffic currently generated. Therefore, these impacts are less than significant at noise receptors along the construction routes.

Onsite Sources of Short-Term Construction Noise

Noise generated during construction is based on the type of equipment used, the location of the equipment relative to sensitive receptors, and the timing and duration of the noise-generating activities. Construction noise levels reported in Bolt et al. were used to estimate future construction noise levels for the proposed project. Noise levels are the average noise levels for each construction phase. Each stage involves the use of different kinds of construction equipment and, therefore, has its own distinct noise characteristics. The dominant noise source from most construction activities is the engine, and noise levels from construction activities are dominated by the loudest piece of construction equipment. Nearby noise-sensitive receptors (primarily the residences and classroom activities) can be exposed to high levels of noise levels when construction equipment operates adjacent to the property line. Noise levels from a front-end loader can generate noise levels ranging between 86 to 90 dBA when operating at 50 feet (FTA 2006). Noise levels from project-related construction activities are shown in Table 10. These are the average noise levels based on the average distance that construction activities would occur from the nearby noise-sensitive receptors and represent the noise levels that noise-sensitive receptors would be exposed to the majority of the time during each construction phase.

⁹ Construction vehicle trips associated with employees, vendors, and haul trucks are estimated in the CalEEMod.

¹⁰ Based upon traffic analysis prepared by Garland Associates (2011).

Table 10
Average Construction Noise Levels

Noise-Sensitive Land Use	Average Distance to Nearest Construction Area (Feet)	Construction Noise Levels at Noise-Sensitive Land Uses (dBA L _{eq})				
		Ground Clearing/ Demolition	Site Preparation	Foundation Construction	Building Construction	Finishing & Cleanup
Residents South of Linden Street and West of Chicago Avenue ²	610	51	56	45	54	56
Classrooms (400 Building)	250	63	68	57	66	68

Source: Bolt et al., 1971.

Noise that would exceed the maximum desired noise levels of 65 dBA CNEL for multi-family residential uses and schools are shown in Bold.

Commercial and office land uses are not noise-sensitive.

¹ Noise levels based on noise level of All Applicable Equipment in Use as indicated in Bolt et al. Based on average distance, approximate distance from the receiving property line to the center of construction activities. Does not include attenuation as a result of intervening topography or structures.

² Construction activities would occur during the least noise-sensitive portions of the day.

Project-related construction activities would take approximately 12 months to complete and would range from 45 to 56 dBA L_{eq} at the nearest offsite noise-sensitive land uses. In general, construction activities would elevate ambient noise levels during the daytime at the noise-sensitive residential uses south of Linden Street and west of Chicago Avenue. The City of Riverside allows for noise from construction activities, but limits it to the least noise-sensitive portions of the day (7:00 AM to 7:00 PM Monday through Friday and between 8:00 AM and 5:00 PM on Saturdays). The project would comply with the City of Riverside’s Municipal Code, and construction activities would not occur in the evening or late-night hours when residential land uses are more sensitive to noise. Construction activities would occur in the daytime and would occur during the least noise-sensitive portion of the day, and maximum noise levels would be infrequent throughout the workday, resulting in less than significant impacts. Implementation of mitigation measures would further reduce the magnitude of construction noise levels and would ensure impacts remain less than significant.



Mitigation Measures

2. Construction activities, deliveries, and haul trucks shall be restricted to the daytime hours of 7:00 AM to 8:00 PM for the duration of the construction period.
3. Prior to the start of and for the duration of construction, the contractor shall properly maintain and tune all construction equipment in accordance with the manufacturer’s recommendations to minimize noise emissions.
4. Prior to use of any construction equipment, the contractor shall fit all equipment with properly operating mufflers, air intake silencers, and engine shrouds no less effective than as originally equipped by the manufacturer.
5. The construction contractor shall post a sign, clearly visible onsite, with a contact name and telephone number of the Riverside Unified School District’s authorized representative to respond in the event of a noise complaint.
6. Prior to construction, the Riverside Unified School District’s construction contractor shall coordinate with the school administrator(s) for John W. North High School to discuss

3. Environmental Analysis

construction activities that generate high noise and vibration levels. Coordination between the school administrator(s) and the construction contractor shall continue on an as-needed basis throughout the construction phase of the project to avoid potential disruption of classroom activities.

7. During construction, the construction contractor shall place stationary construction equipment and material delivery (loading/unloading) areas a minimum of 100 feet from adjacent residential land uses and classroom buildings.

- e) **For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?**

Less Than Significant Impact. The nearest airport is Flabob Airport, approximately three miles west of the project site. Riverside Municipal Airport is approximately five miles southwest of the campus. The site is not within any airport compatibility zones designated in the Riverside County Airport Land Use Compatibility Plan. Project implementation would not expose students or staff to excessive noise levels associated with aircrafts, or increase exposure to noise associated with aircrafts. No significant impact would occur, and no mitigation is necessary.

- f) **For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?**

Less Than Significant Impact. The proposed project would not be developed within the vicinity of a private airstrip. The campus is within two nautical miles of heliports. The Riverside City Hall Heliport near the intersection of Orange Street and 10th Avenue, approximately 1.5 miles west of the project site. A new heliport has also been proposed at Riverside Community Hospital, also approximately one mile west of the project site. Helicopters operating to and from the City Hall Heliport do not currently have a substantial effect on occupants of the project site, and it is not anticipated that the proposed Riverside Community Hospital heliport would have a notable effect on the campus. As the project would make improvements to existing facilities, it would not increase student exposure to noise generated by aircrafts or helicopters. Project implementation would not expose school occupants to excessive noise levels associated with a private airstrip. No significant impact would occur, and no mitigation is necessary.

3.13 POPULATION AND HOUSING

- a) **Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?**

No Impact. The proposed project would not require or result in the development of new housing or businesses, nor in the extension of roads or other infrastructure. The proposed project would not affect school capacity or enrollment. Consequently, the project would not induce population growth. No impact would occur, and no mitigation is required.

b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?

No Impact. The proposed project would improve existing school facilities. No housing would be affected by the proposed project. The proposed project would not displace housing or necessitate the construction of housing. No impact would occur, and no mitigation is required.

c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?

No Impact. The proposed project would not displace any people and would not require the construction of replacement housing. No impact would occur as a result of the proposed project, and no mitigation is required.

3.14 PUBLIC SERVICES

Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:

a) Fire protection?

Less Than Significant Impact. The City of Riverside Fire Department provides fire protection to the project area. The nearest fire station is Station #4 at 3510 Cranford Avenue in the City of Riverside, immediately southeast of the John W. North High School campus parking area and approximately 600 feet east of the project site. Station 4 is equipped with two fire engines. Demand for fire protection services is generally tied to population growth. The project would make improvements to existing facilities. It would not increase enrollment or capacity at the school or the population of the project area. The project would not make any programmatic changes. Therefore, the project would not substantially increase the need for fire protection services. Caterina Williams of the City of Riverside Fire Department Prevention Division was consulted, and Ms. Williams confirmed that no impact to fire protection services would result from the proposed project. No significant impacts to fire protection services would occur as a result of the proposed project, and no mitigation is required.

b) Police protection?

Less Than Significant Impact. The Riverside Police Department provides police protection to the project site. The nearest Riverside Police Department facility is at 4102 Orange Street in Riverside, about 1.7 miles north of the site. The Riverside Police Department is staffed by 345 sworn officers and 206 nonsworn employees. The Riverside Police Department assigns school resource officers for police protection at District schools. Demand for police protection services is generally tied to population growth. Increased localized activity could also create demand for police protection. The project would improve existing athletic facilities and would not make any programmatic changes at John W. North High School. No population growth would result. As the proposed project would not substantially alter the use of the project site, no significant impacts to police protection services are anticipated. Sergeant Kittinger with the Riverside Police Department was consulted, and Sergeant Kittinger confirmed that no impact to police protection services in the area would result from proposed project.



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The project would allow for increased attendance at athletic events through the installation of the proposed 3,400-seat spectator bleachers. Sergeant Kittinger stated that, should large events be held on the campus, the District and the Riverside Police Department have an arrangement in which the District hires the police department to provide security on an as-needed basis. Because a procedure is in place to hire additional police protection services as needed, ensuring that the Riverside Police Department has adequate resources, these occasional large events would not significantly impact police protection service resources. No mitigation is required.

c) Schools?

No Impact. The proposed project would improve athletic facilities at an existing high school campus. The project would not result in increased enrollment at John W. North High School or population growth in the area, and would therefore not require the expansion or creation of schools. The project would have a favorable impact on athletic facilities at John W. North High School. No adverse impacts would occur, and no mitigation is required.

d) Parks?

No Impact. Increases in demands for park facilities generally result from population increases, which in turn generally result from residential development and development of new job-generating land uses. The proposed project would improve existing recreational facilities at John W. North High School, and would not develop new residential or job-generating land uses. The project would not require John W. North High School students to use off-campus recreational facilities. The project would improve existing athletic facilities that are available to the public under the Civic Center Act, improving recreational facilities in the area. No impact to park services would occur and no mitigation is required.

e) Other public facilities

No Impact. The Riverside Public Library provides library services to the City of Riverside. The site is served by the Eastside Branch Library at 4033-C Chicago Avenue, approximately 2,000 feet south of the project site. The proposed project would not increase the student capacity of John W. North High School and would not require students to use off-campus library facilities. No adverse impact to library facilities would occur, and no mitigation is required.

3.15 RECREATION

a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities, such that substantial physical deterioration of the facility would occur or be accelerated?

No Impact. The proposed project would make improvements to athletic facilities at John W. North High School. Athletic facilities at the John W. North High School campus would continue to be available for community uses pursuant to the Civic Center Act, so the project would have a favorable impact on recreational facilities available to the surrounding community. The project would not increase the use of existing off-campus parks and recreational facilities. No adverse impact would occur, and no mitigation is required.

b) Does the project include recreational facilities or require the construction or expansion of recreational facilities, which might have an adverse physical effect on the environment?

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Less Than Significant Impact. The proposed project would not result in population growth, necessitating the construction of offsite recreational facilities. The project would result in the construction of new recreational facilities and structures in the place of existing recreational facilities, and the environmental effects of the construction of these facilities is examined throughout this document. After implementation of the mitigation measures in this document, construction of proposed recreational facilities would not have significant adverse physical effects on the environment. No mitigation is required.

3.16 TRANSPORTATION/TRAFFIC

The following analysis was prepared in consultation with Garland Associates, a traffic engineering firm.

- a) **Conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?**

Less Than Significant Impact. A traffic analysis has been conducted to evaluate the impacts of the proposed stadium expansion project on the study area circulation system. The results of the analysis are summarized in the following sections.

Study Methodology

The methodology for the traffic study, in general, was to (1) establish the existing baseline traffic conditions on the streets that provide access to the school site; (2) project the future baseline traffic conditions for the target year of opening for the proposed facilities (year 2013); (3) estimate the levels of traffic that would be generated by the existing stadium and the proposed stadium for a capacity-level event, defined as one with a patronage level of 2,500 or greater; (4) conduct a comparative analysis of traffic conditions with and without the proposed stadium project; (5) evaluate site access and parking; and (6) identify the mitigation measures required to alleviate the significant impacts associated with the project. The analysis is based on Friday evening traffic conditions on the roadways and intersections in the project vicinity.

The traffic analysis addresses the impacts at 10 intersections in the vicinity of the school site, including the school's main driveway on Linden Street. The study area intersections, the type of traffic control at each intersection, and the public agency responsible for each intersection are listed in Table 11.

**Table 11
Study Area Intersections**

<i>Intersection</i>	<i>Traffic Control</i>	<i>Jurisdiction</i>
Chicago Avenue / Third Street	Signalized	City of Riverside
Chicago Avenue / Linden Street	Signalized	City of Riverside
Chicago Avenue / University Avenue	Signalized	City of Riverside
Iowa Avenue / Blaine Street	Signalized	City of Riverside
Iowa Avenue / Linden Street	Signalized	City of Riverside
Iowa Avenue / University Avenue	Signalized	City of Riverside
Third Street / I-215 Southbound Ramps	Signalized	Caltrans
Blaine Street / I-215 Northbound Ramps	Signalized	Caltrans
Linden Street / School Entry Driveway	No Control	City of Riverside
Linden Street / School Exit Driveway	Stop Sign at Driveway	City of Riverside



3. Environmental Analysis

The traffic impact analysis is based on an evaluation of the levels of service at the affected study area intersections. Level of service (LOS) is an industry standard by which the operating conditions of a roadway segment or an intersection are measured. LOS is defined on a scale of A to F, with LOS A representing the best operating conditions and LOS F representing the worst operating conditions. LOS A facilities are characterized as having free flowing traffic conditions with no restrictions on maneuvering or operating speeds, where traffic volumes are low and travel speeds are high. LOS F facilities are characterized as having forced flow with many stoppages and low operating speeds. According to the City of Riverside's "Traffic Impact Analysis Preparation Guide" (Public Works Department, May 2009), LOS A through D represent acceptable conditions, while LOS E and F represent unacceptable congested, overcapacity conditions.

The levels of service for the study area intersections were analyzed for several scenarios, including existing conditions, existing plus project conditions, future baseline conditions without the project for the target year of 2013, and year 2013 conditions with the proposed project. The levels of service were determined in accordance with the Highway Capacity Manual methodology by using the Highway Capacity Software. The LOS values are based on the average delay per vehicle at each intersection.

Street Network

The streets that provide access to the project area include Chicago Avenue, Third Street, Blaine Street, Linden Street, Iowa Avenue, University Avenue, and the Moreno Valley Freeway (Interstate 215 / State Route 60). The following paragraphs provide a brief description of the characteristics of these streets. Figure 10, *Existing Lane Configuration and Roadway Characteristics*, illustrates the study area street network and shows the roadway characteristics, such as number of lanes, speed limits, types of traffic control at the intersections, and the lane configuration at the intersections.

Chicago Avenue

Chicago Avenue is a four-lane north-south street that abuts the west side of the school campus. It has signalized intersections with pedestrian crosswalks and push buttons at Third Street and Linden Street at the northwest and southwest corners of the school campus, respectively. The speed limit on Chicago Avenue is 40 miles per hour (mph).

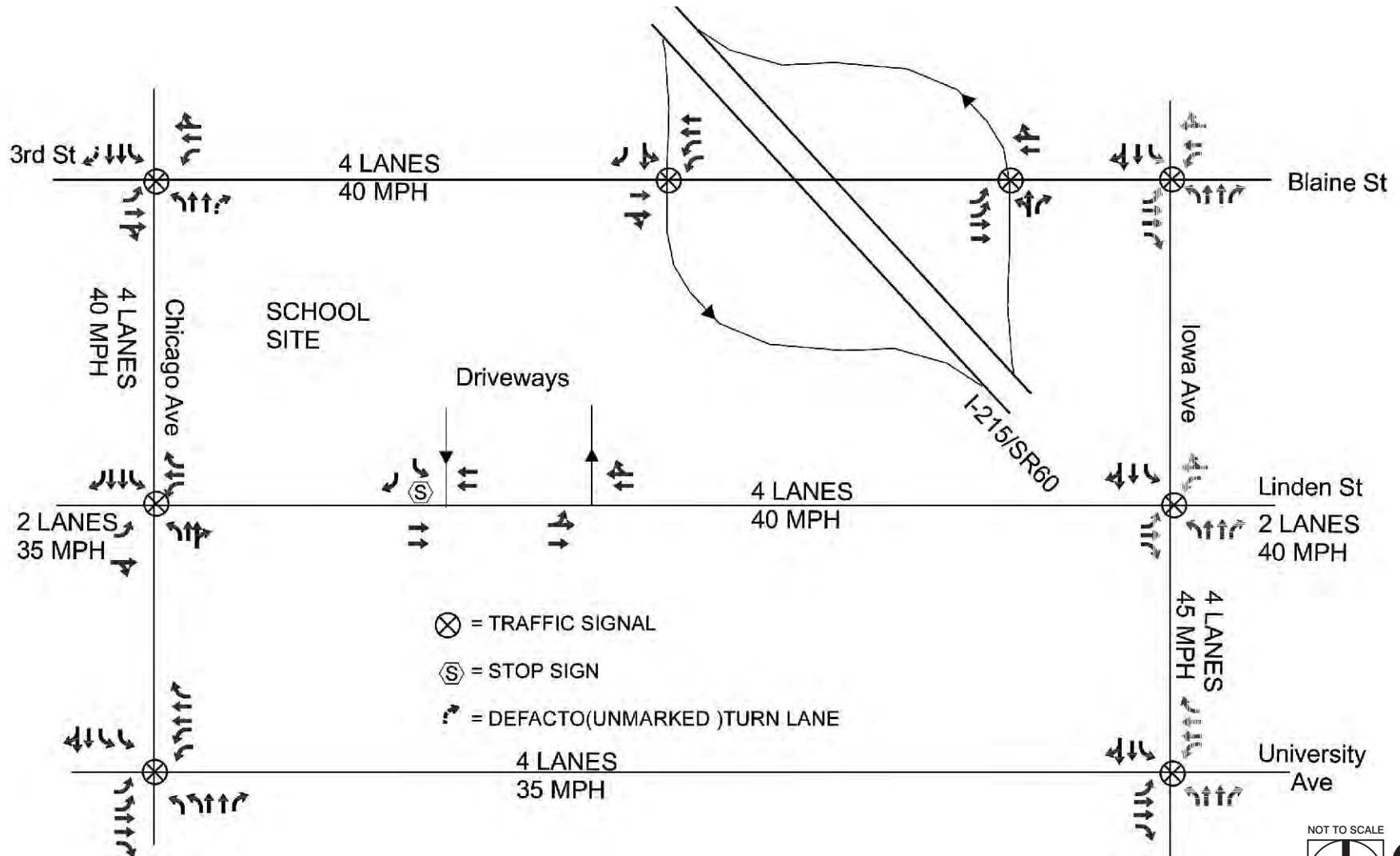
Third Street

Third Street is a four-lane east-west street that abuts the north side of the school campus. It has an interchange with the Moreno Valley Freeway to the east of the school campus. The speed limit on Third Street is 40 mph.

Blaine Street

Blaine Street is a four-lane east-west street that is the easterly continuation of Third Street on the east side of the Moreno Valley Freeway. Third Street and Blaine Street are essentially the same street, but named Third Street west of the freeway and Blaine Street east of the freeway. The speed limit on Blaine Street is 40 mph.

Existing Lane Configuration and Roadway Characteristics



Source: Garland Associates

3. Environmental Analysis

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3. Environmental Analysis

Linden Street

Linden Street is a two- to four-lane east–west street that abuts the south side of the school campus. It has two lanes west of Chicago Avenue, four lanes between Chicago Avenue and Iowa Avenue, and two lanes east of Iowa Avenue. The school’s main access driveways are on the north side of Linden Street east of Chicago Avenue. The east driveway is an entry drive and the west driveway is an exit drive. The speed limit on Linden Street is 35 mph west of Chicago Avenue and 40 mph east of Chicago Avenue.

Iowa Avenue

Iowa Avenue is a two- to four-lane north–south street approximately one-quarter mile east of the school campus. It has four lanes north of University Avenue and two lanes south of University Avenue. The speed limit on Iowa Avenue is 45 mph.

University Avenue

University Avenue is a four-lane east–west street approximately one-quarter mile south of the school campus. The speed limit on University Avenue is 35 mph.

Moreno Valley Freeway

The Moreno Valley Freeway (Interstate 215 / State Route 60) is a major freeway facility approximately one-quarter mile east of the school campus. It runs diagonally through the study area in a northwest to southeast direction. This freeway has interchanges with Third Street / Blaine Street and University Avenue in the vicinity of the school.

Existing Traffic Volumes

Manual traffic counts were taken at the 10 study area intersections during the Friday evening peak period in September of 2010. The peak hour for this analysis refers to the one-hour time period prior to the beginning of an event at the stadium when patrons are traveling to the stadium. The traffic analysis addresses the preevent time period because the ambient traffic volumes are substantially higher then (generally between 6:00 and 7:00 PM) compared to the postevent period (after 9:00 PM). Most high school football games in this district begin at 7:00 or 7:30 PM. Figure 11, *Existing Traffic Volumes: Friday Evening Peak Hour*, illustrates the existing peak hour traffic volumes and turning movements.

Existing Intersection Levels of Service

To quantify the existing baseline traffic conditions, the 10 study area intersections were analyzed to determine their operating conditions during the Friday evening peak hour. Based on the peak hour traffic volumes, the turning movement counts, and the existing number of lanes at each intersection, the average vehicle delay values and corresponding levels of service have been determined at each intersection, as summarized in Table 12.



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Table 12
Existing Intersection Levels of Service

<i>Intersection</i>	<i>Average Delay Value (seconds/vehicle) & Level of Service</i>
Signalized Intersections	
Chicago Avenue / Third Street	23.0 – C
Chicago Avenue / Linden Street	15.5 – B
Chicago Avenue / University Avenue	17.4 – B
Iowa Avenue / Blaine Street	20.7 – C
Iowa Avenue / Linden Street	14.5 – B
Iowa Avenue / University Avenue	19.7 – B
Third Street / I-215 Southbound Ramps	18.0 – B
Blaine Street / I-215 Northbound Ramps	11.0 – B
Unsignalized Intersections	
Linden Street / School Entry Driveway	7.5 – A
Linden Street / School Exit Driveway	9.3 – A

The levels of service shown in Table 12 are based on the average vehicle delay values that were calculated for each intersection using the Highway Capacity Software. The relationship between the average delay values and levels of service is shown in Table 13. As shown in Table 12, all 10 of the study area intersections currently operate at acceptable levels of service during the Friday evening peak period, since two of the intersections operate at LOS A, six at LOS B, and two at LOS C.

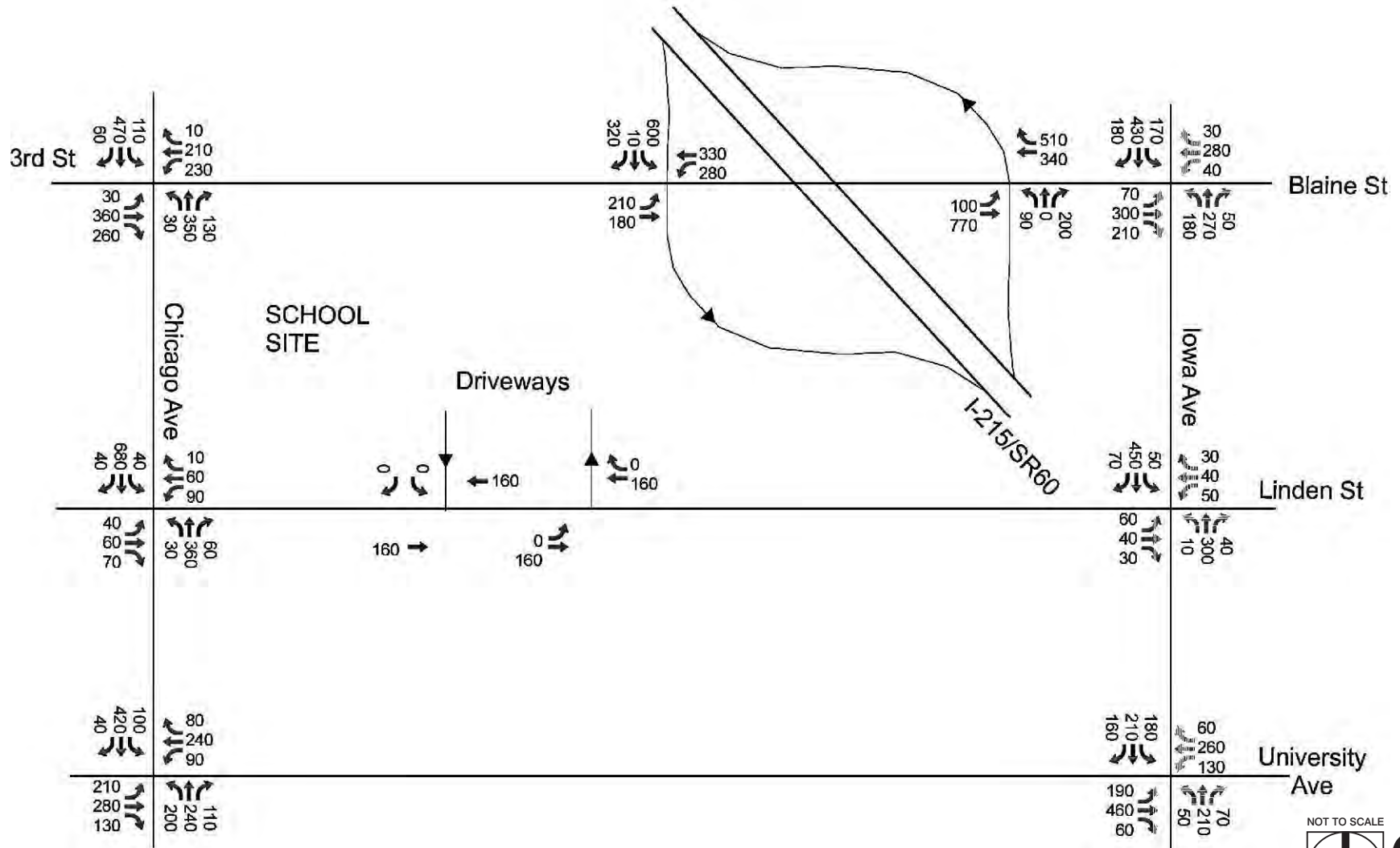
Table 13
Relationship between Delay Values and Levels of Service

<i>Level of Service</i>	<i>Delay Value (seconds) Signalized Intersections</i>	<i>Delay Value (seconds) Unsignalized Intersections</i>
A	0.0 to 10.0	0.0 to 10.0
B	> 10.0 to 20.0	> 10.0 to 15.0
C	> 20.0 to 35.0	> 15.0 to 25.0
D	> 35.0 to 55.0	> 25.0 to 35.0
E	> 55.0 to 80.0	> 35.0 to 50.0
F	> 80.0	> 50.0

Existing and Future Baseline Traffic Conditions

Because the proposed project is expected to be completed and operational by the year 2013, the existing (2010) traffic volumes were expanded by an ambient growth factor of 6 percent (2 percent growth per year for three years) to account for general regional growth and the cumulative impacts of traffic associated with other development projects in the area. Since the proposed project would result in the expansion of the existing stadium from its current 750-seat capacity to a proposed capacity of 3,400 seats, the analysis of the project's impacts is based on the level of additional traffic that would be generated by the 2,650-seat increase in the stadium's capacity. The existing traffic counts were taken at a time when the football field was not in operation. The counts did not, therefore, include the traffic that would be generated by the stadium during a capacity-level football game.

Existing Traffic Volumes-Friday Evening Peak Hour



Source: Garland Associates



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To replicate the traffic conditions on the night of a football game at the existing stadium, the traffic that would be generated by the existing 750-seat stadium was added to the existing conditions and the 2013 conditions with ambient growth to quantify the “without project” traffic conditions. The volumes of traffic at each intersection that would be generated by the existing 750-seat stadium are shown on Figure 12, *Traffic Generated by Existing 750-Seat Stadium*. The trip generation and trip distribution assumptions that were used to develop these traffic volumes are presented in the next section.

The existing baseline traffic volumes, which represent the existing traffic volumes plus the traffic that would be generated by the existing 750-seat stadium, are shown on Figure 13, *Existing Traffic Volumes Plus 750-Seat Stadium*. The year 2013 baseline traffic volumes, which represent the existing traffic volumes expanded by an ambient growth factor of 6 percent, plus the traffic that would be generated by the existing 750-seat stadium, are shown on Figure 14, *2013 Traffic Volumes with 750-Seat Stadium*.

Based on the projected peak hour traffic volumes, the turning movement counts, and the existing lane configuration, the existing and future baseline levels of service without the project were calculated for each study area intersection, as summarized in Table 14. The existing baseline conditions represent the existing conditions plus the traffic that would be generated by the existing 750-seat stadium. The year 2013 conditions represent existing conditions expanded by the ambient growth factor of 6 percent plus the traffic that would be generated by the existing 750-seat stadium. For the target year of 2013, all of the intersections are projected to operate at acceptable levels of service, since two of the intersections would operate at LOS A, five at LOS B, and three at LOS C during the Friday evening peak hour. The levels of service shown in Table 14 represent the traffic conditions that would occur during a capacity-level event at the existing 750-seat stadium for the two scenarios.



Table 14
Baseline Intersection Levels of Service with Existing 750-Seat Stadium

Intersection	Average Delay Value (seconds/vehicle) and Level of Service	
	Existing plus 750-Seat Stadium	Year 2013 with 750-Seat Stadium
Signalized Intersections		
Chicago Avenue / Third Street	23.6 – C	24.8 – C
Chicago Avenue / Linden Street	16.0 – B	19.5 – B
Chicago Avenue / University Avenue	17.5 – B	17.7 – B
Iowa Avenue / Blaine Street	22.9 – C	25.6 – C
Iowa Avenue / Linden Street	14.7 – B	14.8 – B
Iowa Avenue / University Avenue	19.7 – B	20.5 – C
Third Street / I-215 Southbound Ramps	18.2 – B	19.1 – B
Blaine Street / I-215 Northbound Ramps	11.8 – B	13.0 – B
Unsignalized Intersections		
Linden Street / School Entry Driveway	7.9 – A	7.9 – A
Linden Street / School Exit Driveway	9.3 – A	9.3 – A

Standards of Significance

According to the City of Riverside’s “Traffic Impact Analysis Preparation Guide,” a significant impact occurs at a study intersection when the addition of project-generated trips causes the peak hour LOS to degrade from an acceptable LOS (A thru D) to an unacceptable LOS (E or F). The guidelines also state that a significant impact occurs when the project causes the peak hour delay to increase as follows:

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- LOS A/B = By 10.0 seconds
- LOS C = By 8.0 seconds
- LOS D = By 5.0 seconds
- LOS E = By 2.0 seconds
- LOS F = By 1.0 seconds

Project-Generated Traffic

The volume of traffic that would be generated by the proposed stadium expansion was determined in order to estimate the impacts of the project on the study area streets and intersections. The trip generation rates and the anticipated volumes of traffic that would be generated by the stadium when operated at full capacity are shown in Table 15. The table shows the traffic volumes for the existing 750-seat stadium, the expanded 3,400-seat stadium, and the net increase that would occur as a result of the project. The trip rates reflect the assumption that the stadium would generate a demand of one vehicle for every four seats (for vehicles that remain parked at the site) and that an additional 10 percent of the vehicles arriving at the stadium would drop passengers off and leave. The rate of one vehicle for every four seats is based on the City of Riverside parking requirement of one parking space for each four seats for a stadium.

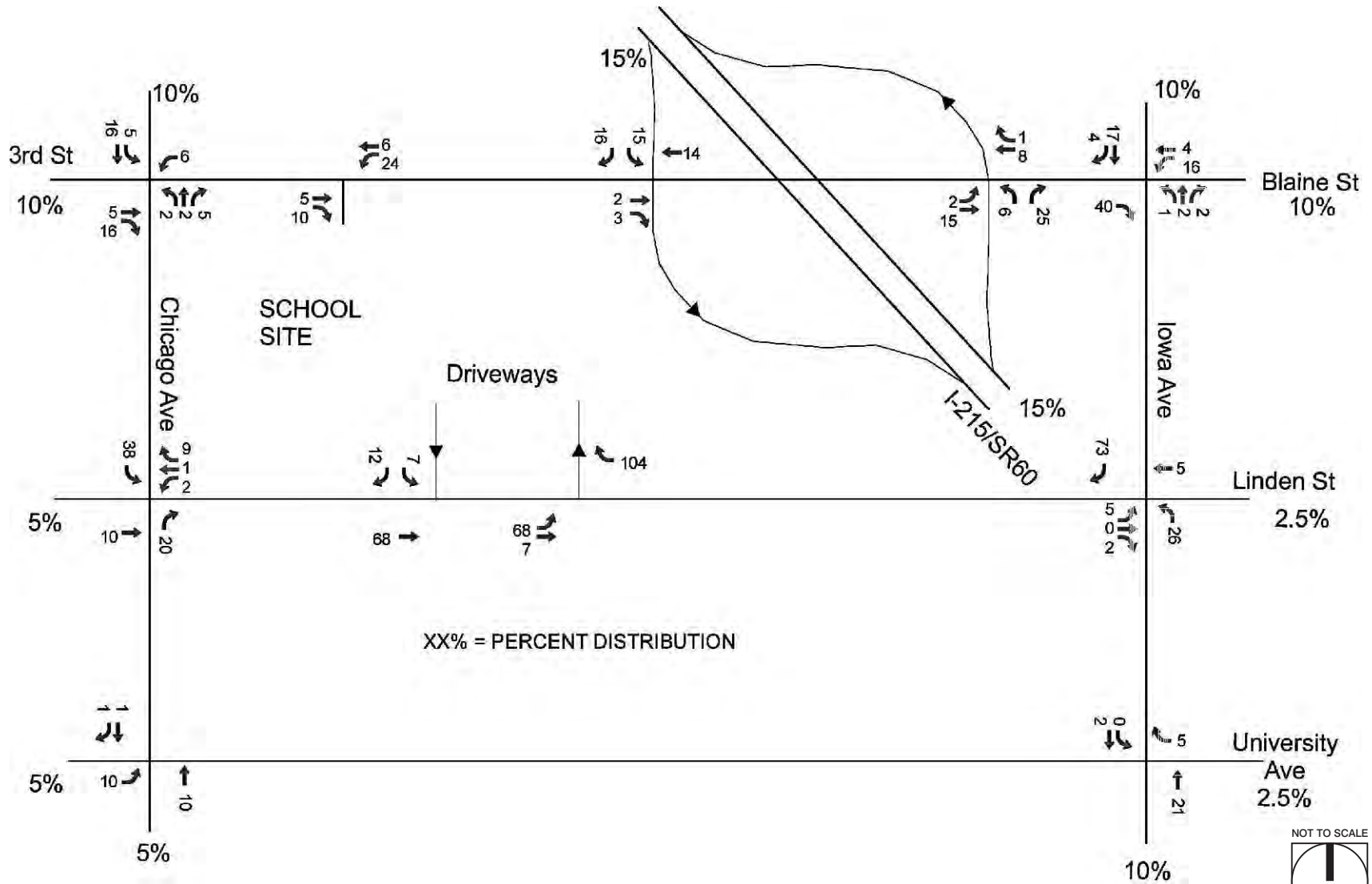
Table 15
Project-Generated Traffic: Stadium

Facility	Evening Hour – Preevent			Daily Traffic
	Inbound	Outbound	Total	
Trip Generation Rates				
Stadium (vehicle trips per seat)	0.275	0.025	0.30	0.60
Generated Traffic Volumes				
Existing Stadium (750 seats)	206	19	225	450
Proposed Stadium (3,400 seats)	935	85	1,020	2,040
Net Increase (2,650 seats)	729	66	795	1,590

Table 15 indicates that the proposed 3,400-seat stadium would generate an estimated 1,020 vehicle trips during the peak hour (935 inbound and 85 outbound). The net increase in traffic compared to the existing 750-seat stadium would be 795 trips per hour (729 inbound and 66 outbound). The peak hour for this analysis is the hour before the beginning of an event when patrons are traveling to the stadium. Approximately the same level of traffic would be generated at the end of an event when patrons are exiting (inbound and outbound traffic volumes reversed). The stadium may also generate traffic at other times of the day; however, such traffic activity would be minor compared to a capacity event. The estimated daily traffic volume generated by the stadium on the day of a capacity event would be 2,040 vehicles per day, a net increase of 1,590 vehicle trips per day.

To quantify the increase in traffic at each intersection from an event at the proposed stadium, the project-generated traffic volumes shown in Table 15 were geographically distributed onto the street network for the traffic impact analysis. The volumes of traffic generated by the existing 750-seat stadium are shown on Figure 12 and the volumes of traffic that would be generated by the expanded 3,400-seat stadium are shown on Figure 15, *Traffic Generated by 3,400-Seat Stadium*. The assumed directional distribution percentages for the are shown on the exhibits and are based on the layout of the existing street network, the existing travel patterns, and the anticipated geographical distribution of the event patrons.

Traffic Generated by Existing 750-Seat Stadium

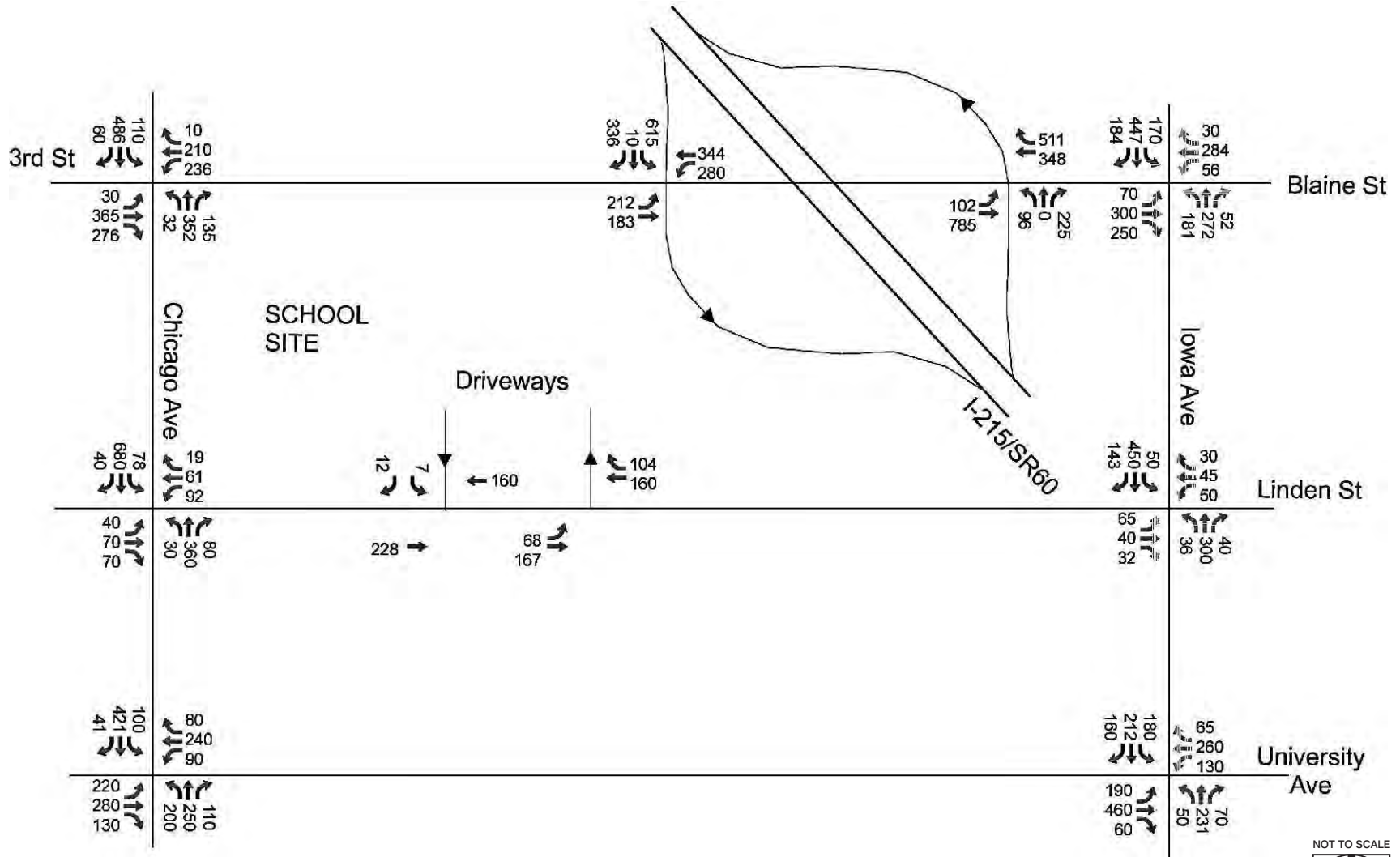


Source: Garland Associates

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Existing Traffic Volumes Plus 750-Seat Stadium

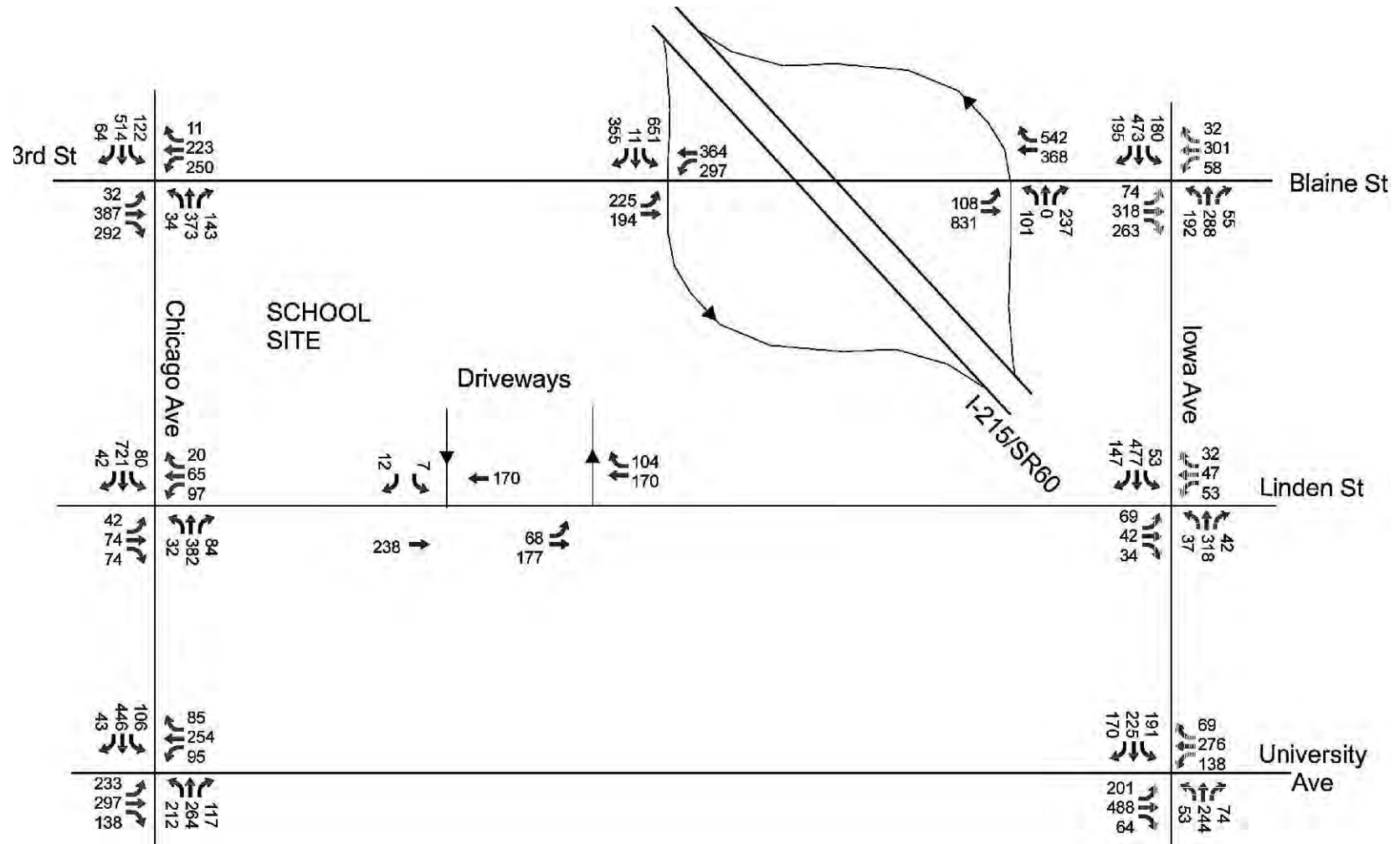


Source: Garland Associates

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2013 Traffic Volumes with 750-Seat Stadium

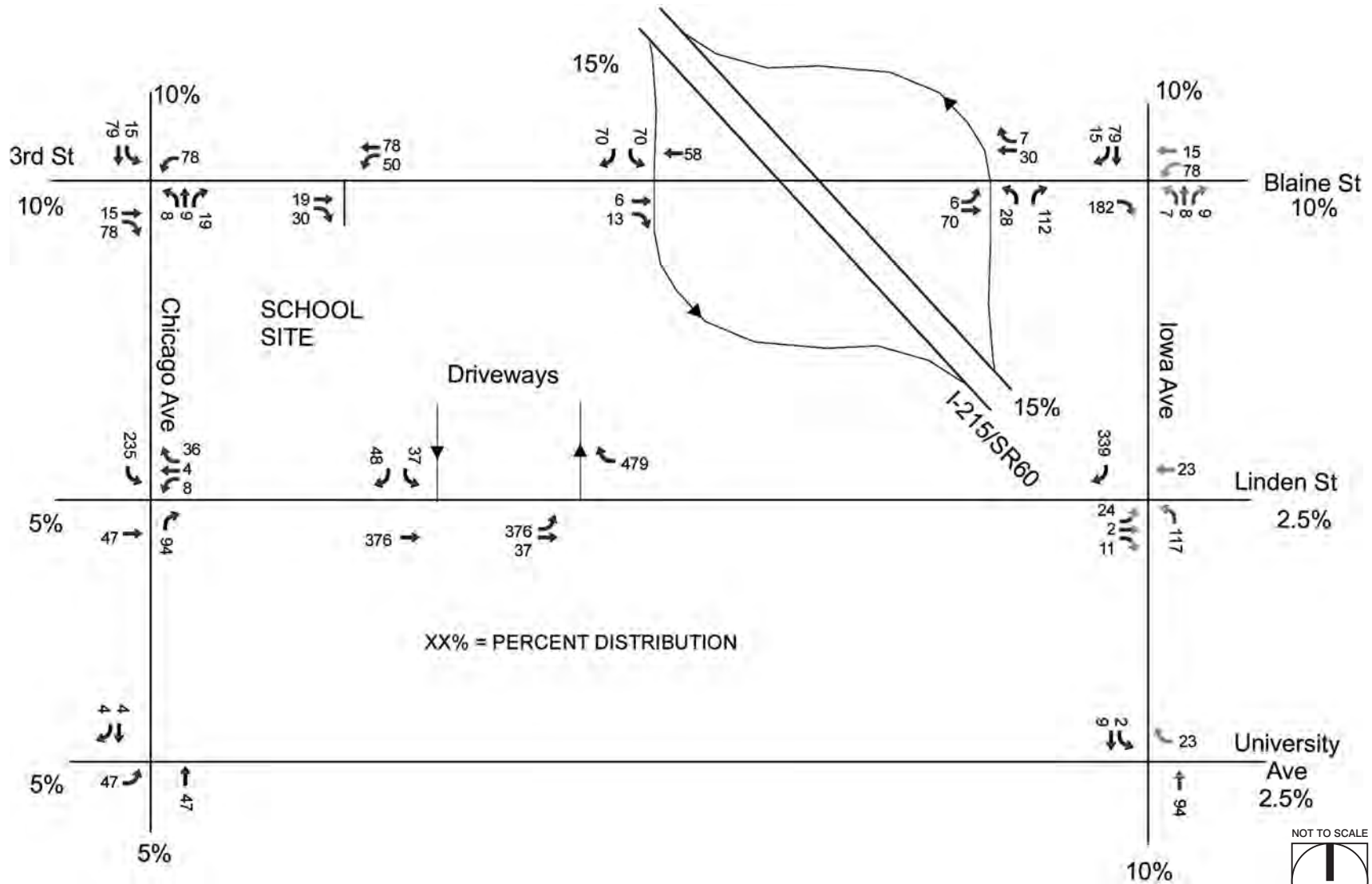


Source: Garland Associates

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Traffic Generated by 3,400-Seat Stadium



Source: Garland Associates

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The volumes of traffic for the existing plus 3,400-seat stadium scenario are shown on Figure 16, *Existing Traffic Volumes Plus 3,400-Seat Stadium*, and the total volumes of traffic projected for the year 2013 scenario with the proposed 3,400-seat stadium are shown on Figure 17, *2013 Traffic Volumes Plus 3,400-Seat Stadium*. Existing and 2013 daily traffic volumes for the existing and proposed stadium are shown in Figure 18, *Daily Traffic Volumes*. These projected traffic volumes are for the Friday evening preevent peak hour.

Intersection Impact Analysis

The impact analysis for the 10 study area intersections was conducted by comparing the delay values and levels of service (LOS) for the “without project” and “with project” scenarios. For the existing conditions scenario, the analysis compares the existing baseline conditions (with the 750-seat stadium) to the conditions with the proposed 3,400-seat stadium. Similarly, for the year 2013 scenario, the analysis compares the year 2013 baseline conditions on a game night with the 750-seat stadium to the year 2013 scenario with the expanded 3,400-seat stadium. The year 2013 was used as the target year for future conditions as that is the anticipated year that the stadium expansion and other project components would be complete and operational. The peak hour for the analysis is the period when the stadium would generate the heaviest volumes of traffic (typically between 6:00 and 7:00 PM), which does not coincide with the peak period for the ambient traffic volumes.

The comparative levels of service at the study area intersections for the existing conditions scenario are summarized in Table 16 for the Friday evening peak hour. The table shows the before and after delay values and the levels of service that would occur at each study area intersection. Also shown are the increases in average vehicle delays that would occur as a result of the proposed stadium expansion project. The last column in Table 16 indicates if the intersections would be significantly impacted by the project-generated traffic.



Table 16
Project Impact on Intersection Levels of Service: Existing Conditions as Baseline
Friday Evening Preevent Peak Hour (6:00 to 7:00 PM)

Intersection	Delay (seconds/vehicle) & Level of Service			Increase in Delay (sec)	Significant Impact
	Existing Conditions	Existing plus 750-Seat Stadium	Existing plus 3,400-Seat Stadium		
Signalized Intersections					
Chicago Avenue / Third Street	23.0 – C	23.6 – C	30.9 – C	7.3	No
Chicago Avenue / Linden Street	15.5 – B	16.0 – B	22.3 – C	6.3	No
Chicago Avenue / University Avenue	17.4 – B	17.5 – B	17.7 – B	0.2	No
Iowa Avenue / Blaine Street	20.7 – C	22.9 – C	30.2 – C	7.3	No
Iowa Avenue / Linden Street	14.5 – B	14.7 – B	16.9 – B	2.2	No
Iowa Avenue / University Avenue	19.7 – B	19.7 – B	19.9 – B	0.2	No
Third Street / I-215 SB Ramps	18.0 – B	18.2 – B	19.2 – B	1.0	No
Blaine Street / I-215 NB Ramps	11.0 – B	11.8 – B	14.5 – B	2.7	No
Unsignalized Intersections					
Linden Street / School Entry Driveway	7.5 – A	7.9 – A	11.2 – B	3.3	No
Linden Street / School Exit Driveway	9.3 – A	9.3 – A	10.2 – B	0.9	No

The comparative levels of service for the year 2013 analysis scenario are shown in Table 17.

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Table 17
Project Impact on Intersection Levels of Service: Year 2013 as Baseline
Friday Evening Preevent Peak Hour (6:00 to 7:00 PM)

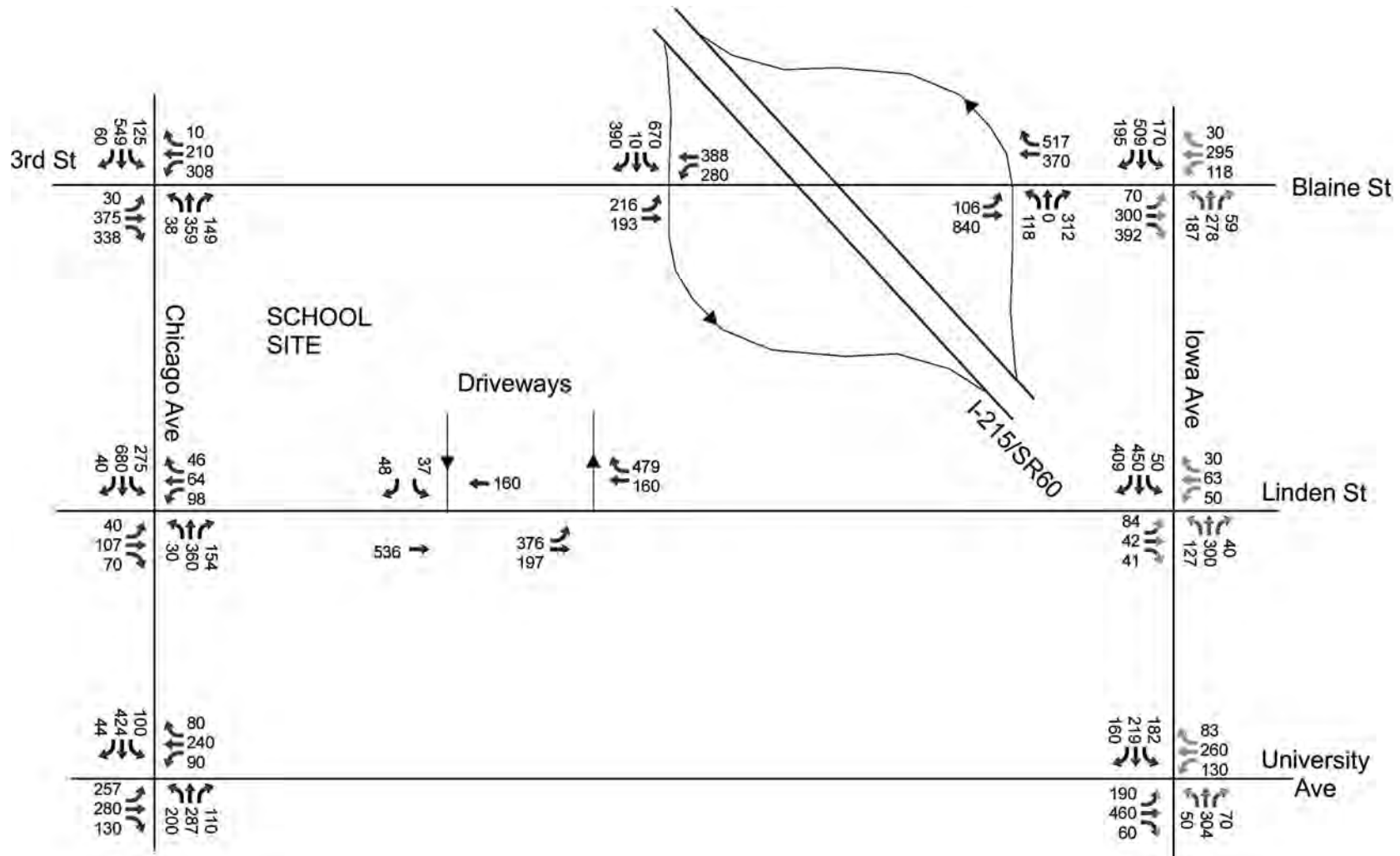
Intersection	Delay (seconds/vehicle) & Level of Service			Increase in Delay (sec)	Significant Impact
	Existing Conditions	2013 without Project (750-Seat Stadium)	2013 with Project (3,400-Seat Stadium)		
Signalized Intersections					
Chicago Avenue / Third Street	23.0 – C	24.8 – C	32.3 – C	7.5	No
Chicago Avenue / Linden Street	15.5 – B	19.5 – B	23.4 – C	3.9	No
Chicago Avenue / University Avenue	17.4 – B	17.7 – B	17.9 – B	0.2	No
Iowa Avenue / Blaine Street	20.7 – C	25.6 – C	31.6 – C	6.0	No
Iowa Avenue / Linden Street	14.5 – B	14.8 – B	17.1 – B	2.3	No
Iowa Avenue / University Avenue	19.7 – B	20.5 – C	20.7 – C	0.2	No
Third Street / I-215 SB Ramps	18.0 – B	19.1 – B	20.8 – C	1.7	No
Blaine Street / I-215 NB Ramps	11.0 – B	13.0 – B	15.1 – B	2.1	No
Unsignalized Intersections					
Linden Street / School Entry Driveway	7.5 – A	7.9 – A	11.3 – B	3.4	No
Linden Street / School Exit Driveway	9.3 – A	9.3 – A	10.3 – B	1.0	No

The intersection of Chicago Avenue and Third Street, for example, would operate with an average delay value of 23.0 seconds and LOS C for existing conditions and with an average delay value of 24.8 seconds and LOS C for the 2013 scenario without the project (with the traffic that is generated by the existing 750-seat stadium). For the 2013 scenario with the proposed 3,400-seat stadium, this intersection would operate with an average delay value of 32.3 seconds and LOS C, which represents an increase in average delay of 7.5 seconds per vehicle. This impact would be less than significant according to the criteria outlined previously because the intersection would operate at an acceptable LOS C and the increase in the delay value is less than 8.0 seconds.

Tables 16 and 17 indicate that the proposed stadium would not have a significant impact at any of the study area intersections during the evening peak hour based on the significance criteria presented previously. All of the study area intersections would operate at acceptable levels of service (LOS A through D) for the scenario with the expanded stadium, and the project-related increases in delay at the intersections would be less than the significance thresholds. It should be noted that this conclusion is based on the assumption that an event would begin at 7:00 PM. If a capacity-level event, defined as one that would have a patronage level of 2,500 spectators or greater, were scheduled to begin between 4:00 PM and 6:00 PM on a Monday through Friday, the site-generated traffic would coincide with the peak commuter traffic and the event would likely result in a significant impact.

The traffic impacts associated with the stadium would not occur on a daily basis, but would occur only when a major event was held at the facility, which is typically a high school football game. Such events would occur on a Thursday or Friday evening or on a Saturday afternoon on approximately 6 to 10 occasions throughout the year. The analysis addressed the Friday evening scenario because the ambient traffic volumes would typically be higher on Friday than on Thursday evening or Saturday afternoon.

Existing Traffic Volumes Plus 3,400-Seat Stadium

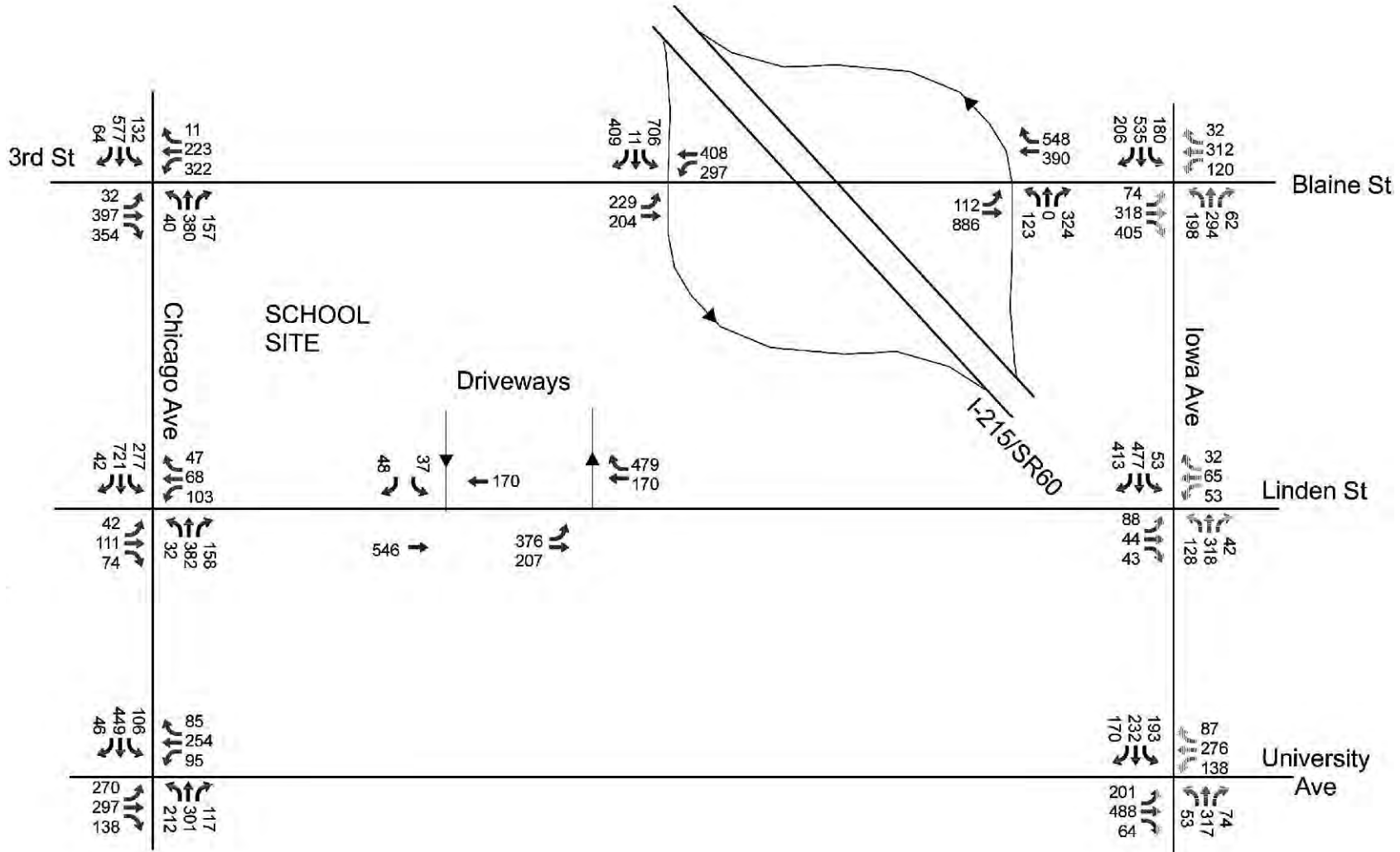


Source: Garland Associates

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2013 Traffic Volumes with 3,400-Seat Stadium



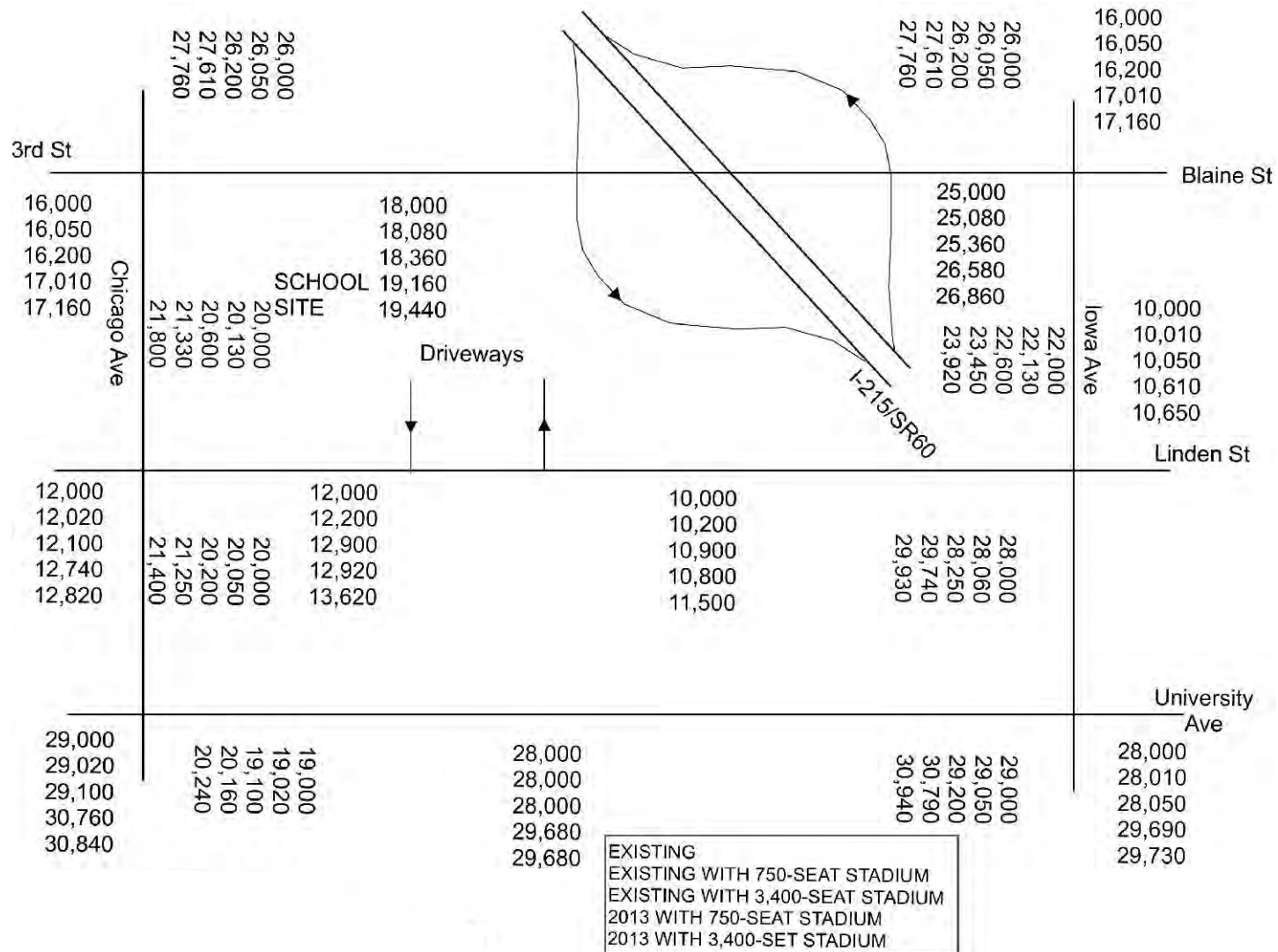
Source: Garland Associates

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Daily Traffic Volumes



Source: Garland Associates

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In addition to the high school events that would be held at the stadium (primarily football games in the fall), the stadium would also be used for track and field events in the spring and possibly for Pop Warner football on Sundays. As the attendance at these activities would be substantially lower than the capacity-level events that were addressed in the analysis above, it is concluded that such activities would result in a less than significant traffic impact.

Nonmotorized Transportation and Transit

The proposed project would generate a demand for nonmotorized travel since some event patrons would travel to and from the school as pedestrians or on bicycles. The streets in the school vicinity have sidewalks along both sides of the street and the signalized intersections are equipped with painted crosswalks, pedestrian signals, and pedestrian push buttons to activate the signals. Many of the streets in the area also have designated bike lanes adjacent to the curb. With regard to public transit, the Riverside Transit Agency (RTA) operates bus lines along 3rd Street and Chicago Avenue adjacent to the school site and along Blaine Street, Iowa Avenue, and University Avenue near the school campus. The proposed athletic facilities at the school would not adversely affect the performance of these transit or nonmotorized transportation facilities and would not conflict with any plans or policies relative to these transportation modes.

Conclusions

The conclusion of the traffic impact analysis is that a capacity-level event, defined as one that would have a patronage level of 2,500 spectators or greater would not result in traffic levels that would exceed any level of service thresholds, as long as it began after 7:00 PM. To ensure that no significant impacts would occur, implementation of the below mitigation measure would be necessary. In addition, the project would not adversely affect the performance of any transit or nonmotorized transportation facilities. The project would not, therefore, conflict with an applicable plan, ordinance, or policy establishing measures of effectiveness for the performance of the circulation system.



Mitigation Measure

8. To ensure that site-generated traffic does not coincide with peak commuter traffic, the District and/or school shall not schedule any capacity-level events (or those with more than 2,500 spectators) to begin at times between 4:30 PM and 6:00 PM on Monday through Friday.
- b) Conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?**

Less Than Significant Impact. According to the “Riverside County Congestion Management Program” (RCTC 2007), the CMP arterial roadways nearest the project site are Magnolia Avenue, which is approximately two miles west of the school site, and Arlington Avenue, which is approximately three miles south of the school site. Because these roadways are outside the school’s attendance boundary, they would be only minimally impacted by the project. The nearest freeways, which are also included in the CMP roadway network, are the Moreno Valley Freeway (Interstate 215/State Route 60) and the Riverside Freeway (State Route 60). The I-215/SR 60 freeway is approximately 500 feet northeast of the school site and has interchanges with 3rd Street and University Avenue. The SR 60 freeway is approximately one mile west of the school site and has an interchange with University Avenue.

The Congestion Management Program (CMP) indicates that a project may have a significant impact and that a traffic study would be required if the project would adversely affect the morning or afternoon peak periods

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on a designated CMP arterial roadway or freeway. Since the proposed athletic facilities, and the expanded stadium in particular, would generate traffic primarily during times that are outside the commuter peak periods (i.e., 7:00 to 9:00 AM and 4:00 to 6:00 PM), they would not typically impact the traffic conditions that are the focus of the CMP. The stadium, for example, would generate its heaviest traffic volumes generally between 6:30 and 7:00 PM and between 9:00 and 9:30 PM on a Thursday or Friday and occasionally on a Saturday. The project's peak traffic flows would therefore not coincide with the commuter peak periods on the CMP roadway network, and the peak hour traffic conditions on the CMP roadway network would not be substantially affected by the proposed facilities.

The project would not conflict with an applicable congestion management program or level of service standard established by the congestion management agency. The impacts would be less than significant relative to CMP roads or highways, and no mitigation measures would be necessary.

c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?

No Impact. The proposed project would make improvements at an existing high school campus. It would not increase air traffic levels. The nearest airport is Flabob Airport, approximately three miles west of the project site. Riverside Municipal Airport is approximately five miles southwest of the campus. The site is not within any airport compatibility zones designated in the Riverside County Airport Land Use Compatibility Plan. The proposed project would not construct any structures that could interfere with air travel. The project would not increase or alter air traffic. No impact would occur, and no mitigation is required.

d) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?

Less Than Significant Impact. The proposed project would not result in changes in onsite circulation, and there would be no incompatible uses. Changes to circulation on Chicago Avenue or Linden Street are not anticipated. The increased levels of traffic, the increased number of pedestrians and bicycles, and the increased number of vehicular turning movements at the school entrances and at the nearby intersections would result in an increased number of traffic conflicts and a corresponding increase in the probability of an accident occurring. These impacts would not be significant, however, because the streets, intersections, and driveways are already designed to accommodate the anticipated levels of vehicular and pedestrian activity and have historically been accommodating stadium-related and other school-related traffic on a regular basis. The expansion of the stadium and the development of the other athletic facilities would be compatible with the design and operation of a high school, and the proposed project would not result in any major modifications to the existing access and circulation features at the school. No significant hazards related to design features or incompatible uses would occur. No significant impacts would occur, and no mitigation is required.

e) Result in inadequate emergency access?

Less Than Significant Impact. The existing access and circulation features at the school would continue to accommodate emergency ingress and egress by fire trucks, police units, and ambulance/paramedic vehicles. Any modifications to the access features would be required to satisfy the District and the City of Riverside design requirements and would be subject to approval by the fire department. The project would not, therefore, result in inadequate emergency access. Impacts would not be significant, and no mitigation is required.

f) Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities?

Less Than Significant Impact. The project would make improvements at the existing campus. The improvements would be consistent with policies supporting alternative transportation. Bike racks at the campus would remain. Additionally, implementation of the proposed project would not eliminate any existing bus turnouts and would not result in a significant impact to public transportation. No significant impacts would occur, and no mitigation is required.

g) Result in inadequate parking capacity?

Less Than Significant Impact with Mitigation Incorporated. John W. North High School currently has a total of 442 onsite parking spaces. Since the proposed outdoor basketball courts in the center of the campus would displace 30 existing parking spaces, the parking supply after completion of the project would be 412 spaces. This parking capacity is sufficient for accommodating the typical daytime parking demands at the school, but it would not be adequate for a capacity-level event at the expanded stadium.

The City of Riverside Municipal Code indicates that the parking requirement for “assemblies of people” (which includes a stadium) is one space per four fixed seats. Based on this requirement, the proposed 3,400-seat stadium would require 850 parking spaces. The school would have a shortage of 438 parking spaces during a capacity-level event at the stadium. The excess vehicles would be parked on the streets near the school campus.

To determine if the spillover of parking would result in a significant impact, a parking survey was conducted to determine if the public streets adjacent to and near the school campus could accommodate the anticipated parking demands of a 3,400-seat stadium without creating any substantial impacts to residential or commercial uses in the vicinity of the school. The approach for the parking survey was to count the number of vehicles that were parked on the streets within a quarter mile of the school campus during the time when a football game would typically be held at the school; i.e., Friday evening between 7:00 and 9:00 PM. This radius is based on the assumption that event patrons would be willing to walk a distance of up to one-quarter mile to attend an event at the stadium. The number of vehicles that were parked on each block was compared to the number of on-street parking spaces that were available. It was noted in the survey whether the streets were located adjacent to residential, industrial, or commercial uses. This information was needed for the analysis because it is assumed that it would be nondisruptive for event patrons to park on industrial streets during the evening hours when the industrial businesses are not operating. Conversely, it is assumed that it would not be acceptable for event patrons to park on streets that are adjacent to residential or commercial uses. The survey was conducted on Friday, December 3, 2010, which is during football season.

The results of the parking survey are shown in Table 18. The survey zones that are listed in the first column of Table 18 are defined in Table 19.



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Table 18
Results of Parking Utilization Survey – Friday Evening

Survey Zone	Adjacent Land Use	# of Parked Vehicles	# of Spaces Available	# of Empty Spaces
Streets Adjacent to School	Industrial	0	55	55
North of School	Industrial	0	15	15
	Residential	21	78	57
Northwest of School	Industrial	0	84	84
West of School	Industrial	0	98	98
	Residential	79	183	104
Southwest of School	Residential	90	230	140
South of School	Industrial	3	105	102
	Residential	14	22	8
	Commercial	2	10	8
East of School	Industrial	5	64	59
All Zones	Industrial	8	421	413
	Residential	204	513	309
	Commercial	2	10	8
	Total	214	944	730

Table 19
Parking Survey Zones

Survey Zone	Geographical Area Definition
Streets Adjacent to School	East side of Chicago Ave between 3rd St & Linden St and North side of Linden St between Chicago Ave & Cranford Ave
North of School	North of 3rd St, east of Chicago Ave, and south of Massachusetts Ave
Northwest of School	North of 3rd St, west of Chicago Ave, and south of Massachusetts Ave
West of School	West of Chicago Ave, south of 3rd St, and north of Linden St
Southwest of School	South of Linden St, west of Chicago Ave, and north of 7th St
South of School	South of Linden St, east of Chicago Ave, and north of University Ave
East of School	North of Linden St and southwest of I-215/SR-60

The last row of Table 18 indicates that the study area, as a whole, has an inventory of 944 on-street parking spaces and that 214 vehicles were parked in these spaces on a Friday evening during the time when a capacity-level event would most likely occur at the proposed stadium. The table also indicates that there were 730 empty spaces during the time of the survey. It should be noted, however, that 513 of the parking spaces are in residential areas and 10 spaces are in a commercial area. These areas would be adversely impacted if event patrons parked on the streets and occupied spaces that would otherwise be available to residents and visitors of the residential uses and to customers and employees of the commercial uses. It has been assumed, therefore, that the parking spaces that would be available for the stadium are limited to the industrial areas.

The streets in the industrial areas have an inventory of 421 parking spaces and only 8 vehicles were parked on these streets on a Friday evening. There were 413 empty parking spaces during the time of the survey that would be available for use by the stadium patrons. Based on the City of Riverside's parking requirement of one parking space for each four seats, these 413 available parking spaces could accommodate up to 1,652 seats in the stadium.

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Assuming that the 413 on-street industrial parking spaces could be used by patrons of the stadium without creating an adverse parking impact, the sum of the onsite parking spaces (412 spaces) and the on-street industrial parking spaces (413 spaces) results in a total of 825 available parking spaces, which could accommodate 3,300 seats in the stadium. Because the proposed stadium would have 3,400 seats, the parking capacity would be inadequate unless additional parking spaces were provided. This could be accomplished by using the outdoor basketball courts (which would displace 30 existing parking spaces) as an overflow parking area during high-attendance events, resulting in a total parking capacity of 855 spaces, which exceeds the parking requirement of 850 spaces for the proposed 3,400-seat stadium.

Hazardous materials from vehicles parked on the basketball courts could result in indirect health and safety impacts if they are not removed from the blacktop. Implementation of the below mitigation measure would reduce this indirect impact associated with exposure to hazardous materials to a level below significance.

Even though the onsite parking spaces and the nearby on-street parking spaces in the industrial areas would provide sufficient parking capacity to accommodate a 3,400-seat stadium, some patrons might elect to park on residential streets that are near the school campus and thereby create a nuisance for the residents of these streets. To minimize such impacts, it is recommended that the school and/or the District provide information to students and parents prior to each football season, prior to a rival game, and prior to any other major event (such as graduation) to discourage them from parking in the residential areas and to direct them to use the industrial streets when the onsite parking lots are full. Implementation of the below mitigation measures would reduce potential parking impacts to acceptable levels.

Mitigation Measures:

9. Use the paved basketball courts as an overflow parking area during high-attendance events. Immediately after the event, the morning after the event, and/or before the basketball courts are used for recreational purposes, the District, Administrators at John W. North High School and/or their delegates shall hose down and cleanse areas of the basketball court, as needed, where vehicles parked.
10. Provide information to students and parents prior to each football season, prior to a rival football game, and prior to any other major event at the stadium (such as graduation) to discourage them from parking in the residential areas and to direct them to park on the industrial streets during times when the onsite parking lots are full.



3.17 UTILITIES AND SERVICE SYSTEMS

a) Exceed waste water treatment requirements of the applicable Regional Water Quality Control Board?

Less Than Significant Impact. The project site is in the jurisdiction of the Santa Ana Regional Water Quality Control Board (RWQCB), which established requirements for treatment of wastewater discharged through its MS4 Permit. As described in Section 3.9, *Hydrology and Water Quality*, the project would include a SWPPP specifying BMPs for minimizing water pollution during the project's construction phase. The project would comply with wastewater treatment requirements of the Santa Ana RWQCB. Related impacts resulting from the proposed project would be less than significant, and no mitigation is required.

3. Environmental Analysis

b) Require or result in the construction of new water or waste water treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?

Less Than Significant Impact. Riverside Public Utilities (RPU) provides water to the City of Riverside and would provide water to the project. In 2005 RPU's water supplies consisted of roughly 72,033 acre-feet (af) of groundwater from the Bunker Hill and Riverside Groundwater Basins; 2,300 af of imported water imported from Northern California and obtained through the Western Municipal Water District (WMWD); and 200 af of recycled water. Thus, groundwater comprised roughly 97 percent of RPU's water supplies that year. RPU forecasts in their 2005 Urban Water Management Plan that in normal-year water conditions in 2030, its total water supplies will be about 116,421 acre-feet per year (afy) and total demands 104,374 afy, for a surplus of supplies over demands of roughly 12,047 afy. Imported water obtained through WMWD is treated at the Metropolitan Water District of Southern California's Henry Mills Treatment Plant in the City of Riverside, which has a capacity of 326 million gallons per day or about 365,000 afy (MWDSC 2007).

Wastewater treatment service is provided to the project area by the City of Riverside Department of Public Works. The Riverside Regional Water Quality Treatment Plant has a design capacity of 40 million gallons per day (mgd), and the current average daily flow is approximately 33 mgd. The City projects that wastewater generation within the area served by the treatment plant will increase to approximately 53.9 mgd by 2030. The ultimate master planned capacity of the treatment plant is 60 mgd, as stated in the 2005 RPU Department Urban Water Management Plan.

The proposed project would not create any new landscaped areas that would require watering. The existing natural turf at the football field would be replaced with synthetic turf, reducing the amount of watering required. The proposed project would create new small structures, including restrooms. These structures would consume relatively small amounts of water and would generate relatively small amounts of wastewater, and the increase in water consumption and wastewater generation would be negligible.

The proposed new aquatics facility would consume a relatively small amount of water. The proposed pool would include a modern circulation system that would filter and process water in the pool, reducing the water needed to operate the pool. The increase in water consumption and wastewater generation would not be significant.

The project would not increase enrollment at John W. North High School, increase population in the area, or make any programmatic changes. Increases in water consumption and wastewater generation would not be substantial. The existing water and wastewater infrastructure would continue to adequately serve the John W. North High School campus, and no infrastructure improvements would be required to accommodate the proposed project. No significant impacts would occur, and no mitigation is required.

c) Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?

Less Than Significant Impact. The proposed project would not substantially change the drainage of the project area. The existing track and football field constitutes the majority of permeable surfaces at the site, as the remainder of the site contains a pool and hardscape athletic courts. The proposed project would replace the existing natural turf football field with synthetic turf, which would slightly increase stormwater runoff from the site. However, as the football field is relatively small, this increase would not be substantial. As the project site is in a developed area, runoff resulting from the proposed project would be captured by the existing storm drain system. Furthermore, runoff from the site after project implementation, including from the synthetic turf field, would be regulated by the MS4 permit for the project issued by the Santa Ana Regional Water Quality Control Board, and the WQMP would describe BMPs to be used in project design, operations,

3. Environmental Analysis

and maintenance to minimize stormwater pollution. Due to the small size of changes to site drainage and to compliance with existing regulations, no offsite improvements to stormwater drainage facilities would be required. No significant impacts related to stormwater would occur, and no mitigation is required.

d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?

Less Than Significant Impact. As described above in Section 3.16.b, changes in water consumption resulting from the proposed project would be relatively small, and existing water entitlements and resources would be sufficient to serve the project site after implementation of the proposed project. No significant impacts related to water supply would occur as a result of the proposed project, and no mitigation is required.

e) Result in a determination by the waste water treatment provider, which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?

Less Than Significant Impact. As described above in Section 3.16.b, increases in wastewater generation resulting from the proposed project would be relatively small, and existing wastewater treatment facilities would be sufficient to serve the project site after implementation of the proposed project. No significant impacts related to wastewater treatment facilities would occur as a result of the proposed project, and no mitigation is required.

f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?

Less Than Significant Impact. Solid waste generated at the project site would most likely be disposed of at either the Badlands Landfill at 31125 Ironwood Avenue near the City of Moreno Valley or the El Sobrante Landfill at 10910 Dawson Canyon Road near the City of Corona. The Badlands Landfill has a permitted throughput of 4,000 tons per day, with a remaining capacity of 14,730,025 cubic yards, and an estimated closing date of 2024, as listed on the California Integrated Waste Management Board database of Facility/Site Summary Details. El Sobrante Landfill has a permitted throughput of 16,054 tons per day, with a remaining capacity of 145,530,000 tons, and an estimated closing date of 2045, as listed on the same database. The proposed project would not substantially increase solid waste generated at the site after implementation. The use of the proposed improved athletic facilities would not generate substantial solid waste.

The majority of solid waste associated with the proposed project would be demolition and construction waste. Because the project site is relatively small, demolition and construction waste would not result in a significant impact to landfills in the region. Furthermore, generation of demolition and construction waste would be one-time in nature. The proposed project would not make programmatic changes or drastically change the use of the site; therefore, waste generated by operation of the proposed athletic facilities would be similar to waste currently generated by use of the existing athletic facilities. No significant impacts to landfills or solid waste infrastructure would occur as a result of the proposed project, and no mitigation is required.



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g) Comply with federal, state, and local statutes and regulations related to solid waste?

Less Than Significant Impact. During construction and operation of the proposed project, the District would comply with all city, county, and state solid waste diversion, reduction, and recycling mandates, including compliance with the Countywide Integrated Waste Management Plan. The District would cooperate, to the extent feasible, with the city's effort to achieve the goals of Assembly Bill 939 (AB 939), the Integrated Waste Management Act of 1989, which requires source reduction, reuse, recycling, and composting programs to reduce tonnage of solid waste going to landfills by 50 percent. The District would make every reasonable effort to reuse and/or recycle the construction debris that would otherwise be taken to a landfill and would also dispose of hazardous wastes, including paint used during construction, only at facilities permitted to receive them and in accordance with local, state, and federal regulations. The proposed project would comply with all applicable federal, state, and local statutes and regulations related to solid waste disposal, and impacts would be less than significant. No mitigation is required.

3.18 MANDATORY FINDINGS OF SIGNIFICANCE

a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?

Less Than Significant Impact. Development of the proposed project would comply with all local, state, and federal laws governing general welfare and environmental protection. Project development would not substantially degrade the quality of the environment, since the proposed project would not disturb unaltered landscape. The project does not have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, or reduce the number or restrict the range of a rare or endangered plant or animal. Additionally, District best management practices and compliance with applicable state and local laws would ensure that project implementation will not result in the loss of undiscovered subsurface cultural resources or human remains that may be important to California history and prehistory.

b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)

Less Than Significant Impact With Mitigation Incorporated. Project development would not have the potential to have impacts that are individually limited but cumulatively considerable. Where the proposed project would have no impact, it would not contribute to cumulative impacts. In addition, issues specific to site conditions, such as site geology and soils, do not have cumulative effects. The proposed project is not growth inducing and would therefore not contribute to the cumulative effects of population growth. The potential cumulative impacts due to but not limited to nighttime lights at the fields, construction and operational air quality, noise, water quality, and traffic would be reduced to less than significant levels by adhering to local, regional, state, and federal regulations and implementation of mitigation measures required by this document. No residual cumulatively considerable impacts would result from the proposed project.

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c) Does the project have environmental effects, which will cause substantial adverse effects on human beings, either directly or indirectly?

Less Than Significant Impact With Mitigation Incorporated. The proposed project would be integrated into the urban character of the John W. North High School campus and the City of Riverside. The project would comply with all local, state, and federal laws governing general welfare and environmental protection. Project development would not substantially degrade the quality of the existing environment or cause substantial adverse effects on human beings. The implementation of required mitigation measures specified in this Initial Study would reduce impacts to levels below established standards, and project impacts on human beings would not be significant.



3. Environmental Analysis

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5. List of Preparers

LEAD AGENCY

Janet Dixon, Director, Planning and Development

THE PLANNING CENTER

Barbara Wu Heyman, Director, School Facilities Planning

Nicole Vermilion, Senior Planner

John Vang, Environmental Planner

Cary Nakama, Graphic Artist

GARLAND ASSOCIATES

Richard Garland, Principal



5. List of Preparers

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Appendix A.
Air Quality and Greenhouse Gas Background and Modeling
Data



Appendix

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Appendix A. Air Quality and Greenhouse Gas Background and Modeling Data

AIR QUALITY

The Air Quality section addresses the impacts of the proposed project on ambient air quality and the exposure of people, especially sensitive individuals, to unhealthy pollutant concentrations. Air pollutants of concern include ozone (O₃), carbon monoxide (CO), particulate matter (PM₁₀ and PM_{2.5}), and oxides of nitrogen (NO_x). This section analyzes the type and quantity of emissions that would be generated by the construction and operation of the proposed project.

CLIMATE/METEOROLOGY

The project site is in the South Coast Air Basin (SoCAB), which includes all of Orange County and the nondesert portions of Los Angeles, Riverside, and San Bernardino Counties. The air basin is in a coastal plain with connecting broad valleys and low hills and is bounded by the Pacific Ocean in the southwest quadrant, with high mountains forming the remainder of the perimeter. The general region lies in the semipermanent high-pressure zone of the eastern Pacific. As a result, the climate is mild, tempered by cool sea breezes. This usually mild weather pattern is interrupted infrequently by periods of extremely hot weather, winter storms, and Santa Ana winds.

The annual average temperature varies little throughout the SoCAB, ranging from the low to middle 60s, measured in degrees Fahrenheit (°F). With a more pronounced oceanic influence, coastal areas show less variability in annual minimum and maximum temperatures than inland areas. The climatological station nearest to the site is the Riverside Fire Station 3 Monitoring Station (ID No. 047470). The average low is reported at 39.0°F in January and the average high is 94.4°F in August (WRCC 2011).

In contrast to the very steady temperature pattern, rainfall is seasonally and annually highly variable. Almost all rain falls from November through April. Summer rainfall is normally restricted to widely scattered thundershowers near the coast with slightly heavier shower activity in the east and over the mountains. Rainfall in the project area averages approximately 10.24 inches per year, as measured in the project vicinity (WRCC 2011).

Although the SoCAB has a semi-arid climate, the air near the surface is typically moist because of the presence of a shallow marine layer. Except for infrequent periods when dry, continental air is brought into the SoCAB by off-shore winds, the ocean effect is dominant. Periods of heavy fog, especially along the coastline, are frequent; and low stratus clouds, often referred to as high fog, are a characteristic climatic feature. Annual average humidity is 70 percent at the coast and 57 percent in the eastern portions of the SoCAB.

Wind patterns across the south coastal region are characterized by westerly and southwesterly on-shore winds during the day and easterly or northeasterly breezes at night. Wind speed is somewhat greater during the dry summer months than during the rainy winter season. Annually, typical winds in the project area average about 5 to 8 miles per hour during the day and 2 to 5 miles per hour during the night.

Between periods of wind, periods of air stagnation may occur, both in the morning and evening hours. Air stagnation is one of the critical determinants of air quality conditions on any given day. During the winter and fall months, surface high-pressure systems over the SoCAB, combined with other

meteorological conditions, can result in very strong, downslope Santa Ana winds. These winds normally continue a few days before predominant meteorological conditions are reestablished.

The mountain ranges to the east affect the transport and diffusion of pollutants by inhibiting the eastward transport of pollutants. Air quality in the SoCAB generally ranges from fair to poor and is similar to air quality in most of coastal southern California. The entire region experiences heavy concentrations of air pollutants during prolonged periods of stable atmospheric conditions.

In conjunction with the two characteristic wind patterns that affect the rate and orientation of horizontal pollutant transport, there are two similarly distinct types of temperature inversions that control the vertical depth through which pollutants are mixed. These inversions are the marine/subsidence inversion and the radiation inversion. The height of the base of the inversion at any given time is known as the “mixing height.” The combination of winds and inversions are critical determinants in leading to the highly degraded air quality in summer and the generally good air quality in the winter in the project area.

AIR QUALITY REGULATIONS, PLANS AND POLICIES

The proposed project has the potential to release gaseous emissions of criteria pollutants and dust into the ambient air; therefore, it falls under the ambient air quality standards promulgated at the local, state, and federal levels. The project site is in the SoCAB and is subject to the rules and regulations imposed by the South Coast Air Quality Management District (SCAQMD). However, the SCAQMD reports to California Air Resources board (CARB), and all criteria emissions are also governed by the California and national Ambient Air Quality Standards (AAQS). Federal, state, regional, and local laws, regulations, plans, or guidelines that are potentially applicable to the proposed project are summarized below.

Ambient Air Quality Standards

The Federal Clean Air Act (FCAA) was passed in 1963 by the US Congress and has been amended several times. The 1970 Clean Air Act Amendments strengthened previous legislation and laid the foundation for the regulatory scheme of the 1970s and 1980s. In 1977, Congress again added several provisions, including nonattainment requirements for areas not meeting AAQS and the Prevention of Significant Deterioration program. The 1990 Amendments represent the latest in a series of federal efforts to regulate the protection of air quality in the United States. The FCAA allows states to adopt more stringent standards or to include other pollution species. The California Clean Air Act (CCAA), signed into law in 1988, requires all areas of the state to achieve and maintain the State AAQS by the earliest practical date. The State AAQS tend to be more restrictive than the Federal AAQS and are based on even greater health and welfare concerns.

The AAQS are the levels of air quality considered to provide a margin of safety in the protection of the public health and welfare. They are designed to protect sensitive receptors, those most susceptible to further respiratory distress such as asthmatics, the elderly, very young children, people already weakened by other disease or illness, and persons engaged in strenuous work or exercise. Healthy adults can tolerate occasional exposure to air pollutant concentrations considerably above these minimum standards before adverse effects are observed.

Both the State of California and the federal government have established health-based AAQS for seven air pollutants. As shown in Table 1, these pollutants include O₃, NO₂, CO, sulfur dioxide (SO₂), PM₁₀, PM_{2.5}, and lead (Pb). In addition, the state has set standards for sulfates, hydrogen sulfide, vinyl chloride, and visibility-reducing particles. These standards are designed to protect the health and welfare of the populace with a reasonable margin of safety.

Table 1
Ambient Air Quality Standards for Criteria Pollutants

<i>Pollutant</i>	<i>Averaging Time</i>	<i>California Standard</i>	<i>Federal Primary Standard</i>	<i>Major Pollutant Sources</i>
Ozone (O ₃)	1 hour	0.09 ppm	*	Motor vehicles, paints, coatings, and solvents.
	8 hours	0.070 ppm	0.075 ppm	
Carbon Monoxide (CO)	1 hour	20 ppm	35 ppm	Internal combustion engines, primarily gasoline-powered motor vehicles.
	8 hours	9.0 ppm	9 ppm	
Nitrogen Dioxide (NO ₂)	Annual Average	0.030 ppm	0.053 ppm	Motor vehicles, petroleum-refining operations, industrial sources, aircraft, ships, and railroads.
	1 hour	0.18 ppm	0.100 ppm	
Sulfur Dioxide (SO ₂)	1 hour	0.25 ppm	0.075 ppm	Fuel combustion, chemical plants, sulfur recovery plants, and metal processing.
	24 hours	0.04 ppm	*	
Suspended Particulate Matter (PM ₁₀)	Annual Arithmetic Mean	20 µg/m ³	*	Dust and fume-producing construction, industrial, and agricultural operations, combustion, atmospheric photochemical reactions, and natural activities (e.g., wind-raised dust and ocean sprays).
	24 hours	50 µg/m ³	150 µg/m ³	
Suspended Particulate Matter (PM _{2.5})	Annual Arithmetic Mean	12 µg/m ³	15 µg/m ³	Dust and fume-producing construction, industrial, and agricultural operations, combustion, atmospheric photochemical reactions, and natural activities (e.g., wind-raised dust and ocean sprays).
	24 hours	*	35 µg/m ³	
Lead (Pb)	Monthly	1.5 µg/m ³	*	Present source: lead smelters, battery manufacturing & recycling facilities. Past source: combustion of leaded gasoline.
	Quarterly	*	1.5 µg/m ³	
	3-Month Average	*	0.15 µg/m ³	
Sulfates (SO ₄)	24 hours	25 µg/m ³	*	Industrial processes.

Source: CARB 2010

ppm: parts per million; µg/m³: micrograms per cubic meter

* Standard has not been established for this pollutant/duration by this entity.

Air Quality Management Planning

The SCAQMD and the Southern California Association of Governments (SCAG) are the agencies responsible for preparing the Air Quality Management Plan (AQMP) for the SoCAB. Since 1979, a number of AQMPs have been prepared.

The most recent adopted comprehensive plan is the 2007 AQMP, which was adopted on June 1, 2007, and incorporates significant new scientific data, primarily in the form of updated emissions inventories, ambient measurements, new meteorological episodes, and new air quality modeling tools. The 2007 AQMP proposes attainment demonstration of the federal PM_{2.5} standards through a more focused control of SO_x, directly emitted PM_{2.5}, and focused control of NO_x and VOC by 2015. The eight-hour ozone control strategy builds upon the PM_{2.5} strategy, augmented with additional NO_x and VOC

reductions to meet the standard by 2024, assuming a bump-up (i.e., extended attainment date) is obtained.

The AQMP provides local guidance for the State Implementation Plan, which provides the framework for air quality basins to achieve attainment of the state and federal ambient air quality standards. Areas that meet ambient air quality standards are classified as attainment areas, while areas that do not meet these standards are classified as nonattainment areas. Severity classifications for ozone nonattainment range in magnitude: marginal, moderate, serious, severe, and extreme. The attainment status for the SoCAB is included in Table 2.

The SoCAB is also designated as attainment of the CAAQS for SO₂, lead, and sulfates. According to the 2007 AQMP, the SoCAB will have to meet the new federal PM_{2.5} standards by 2015 and the 8-hour ozone standard by 2024, and will most likely have to achieve the recently revised 24-hour PM_{2.5} standard by 2020. The SCAQMD designated the SoCAB as nonattainment for NO₂ (entire basin) and lead (Los Angeles County only) under the CAAQS and lead (CARB 2010b).

Table 2
Attainment Status of Criteria Pollutants in the South Coast Air Basin

Pollutant	State	Federal
Ozone – 1-hour	Extreme Nonattainment	Extreme Nonattainment ¹
Ozone – 8-hour	Extreme Nonattainment	Severe-17 Nonattainment ²
PM ₁₀	Serious Nonattainment	Serious Nonattainment ³
PM _{2.5}	Nonattainment	Nonattainment
CO	Attainment	Attainment ⁴
NO ₂	Nonattainment ⁵	Attainment/Maintenance
SO ₂	Attainment	Attainment
Lead	Nonattainment ⁶	Nonattainment ⁶
All others	Attainment/Unclassified	Attainment/Unclassified

Source: CARB 2010b.

¹ Under prior standard.

² May petition for Extreme.

³ Annual Standard Revoked September 2006. SCAQMD submitted a request to redesignate the SoCAB from serious nonattainment for PM₁₀ to attainment for PM₁₀ in October 2009 because the SoCAB has not violated federal 24-hour PM₁₀ standards during the period from 2004 to 2007.

⁴ The USEPA granted the request to redesignate the SoCAB from nonattainment to attainment for the CO NAAQS on May 11, 2007 (Federal Register Volume 71, No. 91), which became effective as of June 11, 2007.

⁵ The state NO₂ standard was strengthened in 2007 from 0.25 ppm to 0.18 ppm. Under the revised standards, the entire SoCAB was designated as nonattainment on March 25, 2010. In addition, the USEPA adopted a new 1-hour NO_x standard of 0.100 ppm on January 22, 2010.

⁶ The Los Angeles portion of the SoCAB was designated as nonattainment for lead under the new federal and existing state AAQS as a result of large industrial emitters. Remaining areas within the SoCAB are unclassified. (March 25, 2010)

Existing Ambient Air Quality

Existing levels of ambient air quality and historical trends and projections in the vicinity of the project site are best documented by measurements made by the SCAQMD. The project site is in Source Receptor Area (SRA) 23 – Metropolitan Riverside (Riverside Valley). The air quality monitoring station in SRA 23 is the Riverside Monitoring Station. Data from this station is summarized in Table 3. The data show recurring violations of both the state and federal 8-hour O₃ standards. The data also indicate that the area regularly exceeds the state PM₁₀ and federal PM_{2.5} AAQS. The CO, SO₂, 1-hour (state) O₃, and NO₂ standards have not been violated in the last five years at this station.

Table 3
Ambient Air Quality Monitoring Summary

<i>Pollutant/Standard</i>	<i>Number of Days Threshold Were Exceeded and Maximum Levels during Such Violations</i>				
	<i>2006</i>	<i>2007</i>	<i>2008</i>	<i>2009</i>	<i>2010</i>
Ozone (O₃)¹					
State 1-Hour ≥ 0.09 ppm	45	31	54	25	31
State 8-hour ≥ 0.07 ppm	75	69	89	57	74
Federal 8-Hour > 0.075 ppm	57	45	64	36	47
Max. 1-Hour Conc. (ppm)	0.151	0.131	0.146	0.116	0.128
Max. 8-Hour Conc. (ppm)	0.117	0.111	0.116	0.101	0.099
Carbon Monoxide (CO)¹					
State 8-Hour > 9.0 ppm	0	0	0	0	0
Federal 8-Hour ≥ 9.0 ppm	0	0	0	0	0
Max. 8-Hour Conc. (ppm)	2.29	2.93	1.86	1.85	1.84
Nitrogen Dioxide (NO₂)¹					
State 1-Hour ≥ 0.18 ppm	0	0	0	0	0
Max. 1-Hour Conc. (ppm)	0.076	0.072	0.092	0.078	0.065
Sulfur Dioxide (SO₂)¹					
State 1-Hour ≥ 0.04 ppm	0	0	0	0	0
Max. 1-Hour Conc. (ppm)	0.003	0.004	0.003	0.003	0.005
Coarse Particulates (PM₁₀)¹					
State 24-Hour > 50 µg/m ³	69	65	46	NA	NA
Federal 24-Hour > 150 µg/m ³	0	1 ³	0	0	0
Max. 24-Hour Conc. (µg/m ³)	109.0	559.0	108.0	77.0	75.0
Fine Particulates (PM_{2.5})¹					
Federal 24-Hour > 35 ² µg/m ³	32	33	14	13	4
Max. 24-Hour Conc. (µg/m ³)	68.4	75.6	57.6	54.4	46.5

Source: CARB 2010c.

ppm: parts per million; µg/m³: or micrograms per cubic meter.

¹ Data obtained from the Riverside Rubidoux Monitoring Station.

² Percentage of samples exceeding standard.

³ Statistics include data that is related to an exceptional event.

Sensitive Receptors

Some land uses are considered more sensitive to air pollution than others due to the types of population groups or activities involved. Sensitive population groups include children, the elderly, the acutely ill, and the chronically ill, especially those with cardiorespiratory diseases.

Residential areas are considered to be sensitive receptors to air pollution because residents (including children and the elderly) tend to be at home for extended periods of time, resulting in sustained exposure to any pollutants present. Other sensitive receptors can include retirement facilities, hospitals, and schools. Recreational land uses are considered moderately sensitive to air pollution. Although exposure periods are generally short, exercise places a high demand on respiratory functions, which can be impaired by air pollution. In addition, noticeable air pollution can detract from the enjoyment of recreation. Generally, industrial, commercial, retail, and office areas are considered the least sensitive to air pollution. Exposure periods are relatively short and intermittent, as the majority of the workers tend to stay indoors most of the time. In addition, the working population is generally the healthiest segment of the public.

METHODOLOGY

Projected construction- and operation-related air pollutant emissions are calculated using the California Emissions Estimator Model (CalEEMod) distributed by the SCAQMD. CalEEMod compiles an emissions inventory of construction, area, energy (natural gas and purchased energy), water, waste, and vehicle emissions sources. The calculated emissions of the project are compared to thresholds of significance for individual projects using the SCAQMD's *CEQA Air Quality Analysis Guidance Handbook*.

THRESHOLDS OF SIGNIFICANCE

CEQA allows for the significance criteria established by the applicable air quality management or air pollution control district to be used to assess impacts of a project on air quality. The SCAQMD has established thresholds of significance for regional air quality emissions for construction activities and project operation. In addition to the daily thresholds listed above, projects are also subject to the AAQS. These are addressed through an analysis of localized significance thresholds (LSTs).

Regional Significance Thresholds

The SCAQMD has adopted regional construction and operational emissions thresholds to determine project-specific and cumulative impacts on air quality within the SoCAB, as shown in Table 4.

Air Pollutant	Construction Phase	Operational Phase
Volatile Organic Gases (VOC)	75 lbs/day	55 lbs/day
Carbon Monoxide (CO)	550 lbs/day	550 lbs/day
Nitrogen Oxides (NO _x)	100 lbs/day	55 lbs/day
Sulfur Oxides (SO _x)	150 lbs/day	150 lbs/day
Coarse Inhalable Particulates (PM ₁₀)	150 lbs/day	150 lbs/day
Fine Inhalable Particulates (PM _{2.5})	55 lbs/day	55 lbs/day

CO Hotspot Analysis

The significance of localized project impacts depends on whether the project would cause substantial concentrations of CO. The 1993 CEQA Air Quality Handbook includes methodology to conduct localized CO modeling for traffic generated by a project. At the time of the 1993 Handbook, the SoCAB was designated as nonattainment under the CAAQS and NAAQS for CO. With the turnover of older vehicles, introduction of cleaner fuels and implementation of control technology on industrial facilities, CO concentrations in the SoCAB and in the state have steadily declined. In 2007, the SCAQMD was designated as in attainment for CO under both the CAAQS and NAAQS.

As identified within SCAQMD's 2003 Air Quality Management Plan (2003 AQMP) and the 1992 Federal Attainment Plan for Carbon Monoxide (1992 CO Plan), peak carbon monoxide concentrations in the SoCAB were a result of unusual meteorological and topographical conditions, and not a result of congestion at a particular intersection. A CO hot spot analysis was conducted for four busy intersections in Los Angeles¹ at the peak morning and afternoon time periods and did not predict a violation of CO

¹ The four intersections include: Long Beach Boulevard and Imperial Highway; Wilshire Boulevard and Veteran Avenue; Sunset Boulevard and Highland Avenue; and La Cienega Boulevard and Century Boulevard. The busiest intersection evaluated (Wilshire and Veteran) had a daily traffic volume of approximately 100,000 vehicles per day which had a level of service (LOS) of E in the morning peak hour and LOS F in the evening peak hour.

standards. Under existing and future vehicle emission rates, a project would have to increase traffic volumes at a single intersection by more than 44,000 vehicles per hour—or 24,000 vehicles per hour where vertical and/or horizontal air does not mix—in order to generate a significant CO impact (BAAQMD 2011). Therefore, the potential for CO hotspots to be generated in the SoCAB is extremely unlikely because of the improvements in vehicle emission rates and control efficiencies. Typical projects would not expose sensitive receptors to substantial pollutant concentrations and analysis of CO hotspots is not warranted.

Localized Significance Thresholds

The SCAQMD developed LSTs for emissions of NO₂, CO, PM₁₀, and PM_{2.5} generated at the project site (off-site mobile-source emissions are not included the LST analysis). LSTs represent the maximum emissions at a project site that are not expected to cause or contribute to an exceedance of the most stringent federal or state AAQS. LSTs are based on the ambient concentrations of that pollutant within the project air pollutant monitoring station area, or source receptor area (SRA) and the distance to the nearest sensitive receptor. LST analysis for construction is applicable for all projects of five acres and less; however, it can be used as screening criteria for larger projects to determine whether or not dispersion modeling may be required. The project site area of disturbance is 8.87-acres. Based on the equipment use during grading in CalEEMod, the project would disturb approximately 2.5 acres per day during. Therefore, LSTs for a 2.5-acre site for construction and a 5-acre site for operation in SRA 23 for sensitive receptors within 82 feet (25 meters) are shown in Table 5.² If emissions exceed the LST then dispersion modeling needs to be conducted using the thresholds in Table 6 for emissions that exceed the LSTs shown in Table 5.

**Table 5
Localized Significance Thresholds – Screening Level Analysis**

Air Pollutant	Threshold (lbs/day)	
	Construction	Operation
Nitrogen Oxides (NO ₂)	187	270
Carbon Monoxide (CO)	999	1,577
Coarse Particulates (PM ₁₀)	8.0	4
Fine Particulates (PM _{2.5})	4.7	2

Source: SCAQMD 2006, Appendix A: Based on LSTs for a 2.5-acre site for construction and a 5-acre project site for operation in SRA 23 with sensitive receptors located within 82 feet (25 meters).

² NO₂ and CO AAQS are averaged over shorter (1-hour and 8-hour) time periods while PM₁₀ and PM_{2.5} are averaged over a 24-hour time period. Pursuant to SCAQMD's LST guidance, non-sensitive receptors should be evaluated for pollutants that have AAQS averaged over a shorter period because occupants could be exposed to substantial concentrations of pollutants during this period.

Table 6
SCAQMD Localized Significance Thresholds Based on AAQS for Projects Larger than 5 Acres

<i>Air Pollutant (Relevant AAQS)</i>	<i>Concentration</i>
1-Hour CO Standard (CAAQS)	20 ppm
8-Hour CO Standard (CAAQS)	9.0 ppm
1-Hour NO ₂ Standard (CAAQS) ¹	0.100 ppm
24-Hour PM ₁₀ Standard – Construction (SCAQMD) ²	10.4 μg/m ³
24-Hour PM _{2.5} Standard – Construction (SCAQMD) ²	10.4 μg/m ³
24-Hour PM ₁₀ Standard – Operation (SCAQMD) ¹	2.5 μg/m ³
24-Hour PM _{2.5} Standard – Operation (SCAQMD) ¹	2.5 μg/m ³

Notes: ppm – parts per million; μg/m³ – micrograms per cubic meter

¹ Updated based on the new CAAQS.

² Threshold is based on SCAQMD Rule 403. Since the SoCAB is in nonattainment for PM₁₀ and PM_{2.5}, the threshold is established as an allowable change in concentration. Therefore, background concentration is irrelevant.

Health Risk Analysis

Whenever a project would require use of chemical compounds that have been identified in SCAQMD Rule 1401, placed on CARB's air toxics list pursuant to AB 1807, or placed on the USEPA's National Emissions Standards for Hazardous Air Pollutants, a health risk assessment is required by the SCAQMD. Table 7 lists the SCAQMD's toxic air contaminant (TAC) incremental risk thresholds for operation of a project. Residential, commercial, and office uses do not use substantial quantities of TACs and these thresholds are typically applied for new industrial projects. It should be noted that these thresholds do not gauge the compatibility of a project with adjacent sources of air pollutants.

Table 7
SCAQMD Toxic Air Contaminants Incremental Risk Thresholds

Maximum Individual Cancer Risk	≥ 10 in 1 million
Hazard Index (project increment)	≥ 1.0
Source: SCAQMD 2007	

GREENHOUSE GAS EMISSIONS

Scientists have concluded that human activities are contributing to global climate change by adding large amounts of heat-trapping gases, known as greenhouse gases (GHGs) to the atmosphere. The primary source of these GHG is from fossil fuel use. The Intergovernmental Panel on Climate Change (IPCC) has identified four major GHG—water vapor, carbon (CO₂), methane (CH₄), and ozone (O₃)—that are the likely cause of an increase in global average temperatures observed within the 20th and 21st centuries. Other GHG identified by the IPCC that contribute to global warming effect to a lesser extent include nitrous oxide (N₂O), sulfur hexafluoride (SF₆), hydrofluorocarbons, perfluorocarbons, and chlorofluorocarbons.

REGULATORY SETTINGS

Regulation of GHG Emissions on a National Level

On April 17, 2009, the USEPA declared CO₂ a threat to public health and welfare, which is the first step towards development of AAQS standards for this air pollutant. However, there are no adopted regulations to combat global climate change on a national level.

Regulation of GHG Emissions on a State Level

Assembly Bill 32

Assembly Bill 32 (AB 32), the Global Warming Solutions Act, was passed by the California state legislature on August 31, 2006, to place the state on a course toward reducing its contribution of GHG. AB 32 follows the first tier of emissions reduction targets established in Executive Order S-3-05, signed on June 1, 2005, which requires the state's global warming emissions to be reduced to 1990 levels by the year 2020. Executive Order S-3-05 also requires the state to reduce GHG emissions by 80 percent of 1990 levels by year 2050. Projected GHG emissions in California are estimated at 596 million metric tons (MTons) on 2020. In December 2007, CARB approved a 2020 emissions limit of 427 million metric tons (471 million tons) for the state. The 2020 target requires emissions reductions of 169 million MTons, approximately 30 percent of the projected emissions compared to business-as-usual (BAU) in year 2020 (i.e., 30 percent of 596 MTons). CARB defines BAU in their Scoping Plan as emissions levels that would occur if California continued to grow and add new GHG emissions but did not adopt any measures to reduce emissions. Projections for each emission-generating sector were compiled and used to estimate emissions for 2020 based on 2002-2004 emissions intensities. Under CARB's definition of BAU, new growth is assumed to have the same carbon intensities as is typical practice in 2002-2004.

In order to effectively implement the cap, AB 32 directed CARB to establish a mandatory reporting system to track and monitor global warming emissions levels, prepare a plan demonstrating how the 2020 deadline can be met, and develop appropriate regulations and programs to implement the plan by 2012. The Climate Action Registry Reporting Online Tool was established through the Climate Action Registry to track GHG emissions. On December 11, 2008, CARB adopted the *Climate Change Scoping Plan*. Key elements of CARB's GHG reduction plan are:

- Expanding and strengthening existing energy efficiency programs as well as building and appliance standards.
- Achieving a statewide renewables energy mix of 33 percent.
- Developing a California cap-and-trade program that links with other Western Climate Initiative partner programs to create a regional market system.

- Establishing targets for transportation-related GHG emissions for regions throughout California, and pursuing policies and incentives to achieve those targets.
- Adopting and implementing measures pursuant to state laws and policies, including California's clean car standards, goods movement measures, and the Low Carbon Fuel Standard
- Creating target fees, including a public goods charge on water use, fees on high global warming potential gases, and a fee to fund the administrative costs of the state's long-term commitment to AB 32 implementation.

Table 8 shows the proposed reductions from regulations and programs outlined in the Scoping Plan. While local government operations were not accounted for in achieving the 2020 emissions reduction, they are anticipated to reduce vehicle miles by approximately 2 percent through land use planning, resulting in a potential GHG reduction of 2 million metric tons of GHG. In recognition of the critical role local governments will play in successful implementation of AB 32, CARB is recommending GHG reduction goals of 15 percent of today's levels by 2020 to ensure that municipal and community-wide emissions match the state's reduction target. Measures that local governments take to support shifts in land use patterns are anticipated to emphasize compact, low-impact growth over development in greenfields, resulting in fewer vehicle miles traveled.

Regulation of GHG Emissions on a Regional Level

In 2008, Senate Bill 375 (SB 375) was adopted to connect the GHG emissions reductions targets established in the Scoping Plan for the transportation sector to local land use decisions that affect travel behavior. Its intent is to reduce GHG emissions from light-duty trucks and automobiles (excludes emissions associated with goods movement) by aligning regional long-range transportation plans, investments, and housing allocations to local land use planning to reduce vehicle miles traveled and vehicle trips. Specifically, SB 375 requires CARB to establish GHG emissions reduction targets for each of the 17 regions in California managed by a Metropolitan Planning Organization (MPO). The GHG emission reduction targets for each region were adopted on September 29, 2010 and range from 7 to 8 percent in 2020 and between 13 to 16 percent in 2035 from 2005 base year for the different MPOs. The Southern California Association of Governments (SCAG) is the MPO for the southern California region, which includes the counties of Los Angeles, Orange, San Bernardino County, Riverside, Ventura, and Riverside. CARB is proposing to set SCAG's targets for 8 percent reduction from 2005 by 2020 and 13 percent reduction from 2005 by 2035.

The 2020 targets are smaller than the 2035 targets because a significant portion of the built environment in 2020 has been defined by decisions that have already been made. In general, the 2020 scenarios reflect that more time is needed for large land use and transportation infrastructure changes. Most of the reductions in the interim are anticipated to come from improving the efficiency of the region's existing transportation network. The proposed targets would result in 3 million MTons of GHG reductions by 2020 and 15 million MTons of GHG reductions by 2035. Based on these reductions, the passenger vehicle target in CARB's Scoping Plan (for AB 32) would be met (CARB 2010d).

Table 8
Scoping Plan Greenhouse Gas Reduction Measures and
Reductions toward 2020 Target

<i>Recommended Reduction Measures</i>	<i>Reductions Counted toward 2020 Target of 169 MMT CO_{2e}</i>	<i>Percentage of Statewide 2020 Target</i>
Cap and Trade Program and Associated Measures		
California Light-Duty Vehicle GHG Standards	31.7	19%
Energy Efficiency	26.3	16%
Renewable Portfolio Standard (33 percent by 2020)	21.3	13%
Low Carbon Fuel Standard	15	9%
Regional Transportation-Related GHG Targets ¹	5	3%
Vehicle Efficiency Measures	4.5	3%
Goods Movement	3.7	2%
Million Solar Roofs	2.1	1%
Medium/Heavy Duty Vehicles	1.4	1%
High Speed Rail	1.0	1%
Industrial Measures	0.3	0%
Additional Reduction Necessary to Achieve Cap	34.4	20%
Total Cap and Trade Program Reductions	146.7	87%
Uncapped Sources/Sectors Measures		
High Global Warming Potential Gas Measures	20.2	12%
Sustainable Forests	5	3%
Industrial Measures (for sources not covered under cap and trade program)	1.1	1%
Recycling and Waste (landfill methane capture)	1	1%
Total Uncapped Sources/Sectors Reductions	27.3	16%
Total Reductions Counted toward 2020 Target	174	100%
Other Recommended Measures – Not Counted toward 2020 Target		
State Government Operations	1.0 to 2.0	1%
Local Government Operations	To Be Determined ²	NA
Green Buildings	26	15%
Recycling and Waste	9	5%
Water Sector Measures	4.8	3%
Methane Capture at Large Dairies	1	1%
Total Other Recommended Measures – Not Counted toward 2020 Target	42.8	NA

Source: CARB 2008. Note: the percentages in the right-hand column add up to more than 100 percent because the emissions reduction goal is 169 MMTons and the Scoping Plan identifies 174 MMTons of emissions reductions strategies.

MMTCO_{2e}: million metric tons of CO_{2e}

¹ Reductions represent an estimate of what may be achieved from local land use changes. It is not the SB 375 regional target.

² According to the Measure Documentation Supplement to the Scoping Plan, local government actions and targets are anticipated to reduce vehicle miles by approximately 2 percent through land use planning, resulting in a potential GHG reduction of 2 million metric tons of CO_{2e} (or approximately 1.2 percent of the GHG reduction target). However, these reductions were not included in the Scoping Plan reductions to achieve the 2020 target.

SB 375 requires the MPOs to prepare a Sustainable Communities Strategy (SCS) in their Regional Transportation Plan. For the Southern California Association of Governments (SCAG) region, the first SCS is anticipated by May 2012. The SCS sets forth a development pattern for the region, which, when integrated with the transportation network and other transportation measures and policies, would reduce GHG emissions from transportation (excluding goods movement). The SCS is meant to provide individual jurisdictions with growth strategies that together achieve the regional GHG emissions reduction targets. However, the SCS does not require that local general plans, specific plans, or zoning be consistent with the SCS but provides incentives for consistency for governments and developers. If the SCS is unable to achieve the regional GHG emissions reduction targets, then the MPO is required to prepare an Alternative Planning Strategy that shows how the GHG emissions reduction target could be achieved through alternative development patterns, infrastructure, and/or transportation measures.

THRESHOLDS OF SIGNIFICANCE

The CEQA Guidelines recommend that a lead agency consider the following when assessing the significance of impacts from GHG emissions on the environment:

1. The extent to which the project may increase (or reduce) GHG emissions as compared to the existing environmental setting;
2. Whether the project emissions exceed a threshold of significance that the lead agency determines applies to the project;
3. The extent to which the project complies with regulations or requirements adopted to implement an adopted statewide, regional, or local plan for the reduction or mitigation of GHG emissions³.

South Coast Air Quality Management District

To provide guidance to local lead agencies on determining significance for GHG emissions in their CEQA documents, SCAQMD has convened a GHG CEQA Significance Threshold Working Group (Working Group). Based on the last Working Group meeting (Meeting No. 15) held in September 2010, SCAQMD is proposing to adopt a tiered approach for evaluating GHG emissions for development projects where SCAQMD is not the lead agency:

- Tier1 If a project is exempt from CEQA, project-level and cumulative GHG emissions are less than significant.
- Tier 2 If the project complies with a GHG emissions reduction plan or mitigation program that avoids or substantially reduces GHG emissions in the project's geographic area (i.e., City or County), project-level and cumulative GHG emissions are less than significant.

For projects that are not exempt or where no qualifying GHG reduction plans are directly applicable, SCAQMD requires an assessment of GHG emissions. SCAQMD is proposing a screening-level threshold of 3,000 MTons annually for all land use types or the following land-use-specific thresholds: 1,400 MTons for commercial projects, 3,500 MTons for residential projects, or 3,000 MTons for mixed-use projects.

³ The Governor's Office of Planning and Research recommendations include a requirement that such a plan must be adopted through a public review process and include specific requirements that reduce or mitigate the project's incremental contribution of GHG emissions. If there is substantial evidence that the possible effects of a particular project are still cumulatively considerable, notwithstanding compliance with the adopted regulations or requirements, an EIR must be prepared for the project.

This bright-line threshold is based on a review of the Governor's Office of Planning and Research database of CEQA projects. Based on their review of 711 CEQA projects, 90 percent of CEQA projects would exceed the bright-line thresholds identified above. Therefore, projects that do not exceed the bright-line threshold would have a nominal, and therefore, less than cumulatively considerable impact on GHG emissions:

Tier 3 If GHG emissions are less than the screening-level threshold, project-level and cumulative GHG emissions are less than significant.

Tier 4 If emissions exceed the screening threshold, a more detailed review of the project's GHG emissions is warranted.

SCAQMD is proposing to adopt an efficiency target for projects that exceed the screening threshold. The current recommended approach is per capita efficiency targets. SCAQMD is not recommending use of a percent emissions reduction target. Instead, SCAQMD proposes a 2020 efficiency target of 4.8 MTons per year per service population (MTons/year/SP) for project-level analyses and 6.6 MTons/year/SP for plan level projects (e.g., program-level projects such as specific plans and general plans).⁴ If projects exceed these per capita efficiency targets, GHG emissions would be considered potentially significant in the absence of mitigation measures.

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⁴ It should be noted that the Working Group also considered efficiency targets for 2035 for the first time in this Working Group meeting.

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NorthHS
Riverside-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
High School	4.515	1000sqft
Other Asphalt Surfaces	22.75	1000sqft

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)		Utility Company	Southern California Edison
Climate Zone	10		2.4		
		Precipitation Freq (Days)			

1.3 User Entered Comments

Project Characteristics - 28

Project Characteristics -

Land Use - total acreage disturbed = 8.87 acres

Construction Phase - Construction phasing and equipment provided by the District.

Off-road Equipment - construction phasing and equipment provided by the District.CARB Staff concluded that load factors in OFFROAD are 33% too high.

Off-road Equipment - construction phasing and equipment provided by the District.CARB Staff concluded that load factors in OFFROAD are 33% too high.

Off-road Equipment - construction phasing and equipment provided by the District.CARB Staff concluded that load factors in OFFROAD are 33% too high.

Off-road Equipment - construction phasing and equipment provided by the District.CARB Staff concluded that load factors in OFFROAD are 33% too high.

Off-road Equipment - Construction equipment and phasing provided by the District (pool construction is default minus the crane)

Off-road Equipment - construction phasing and equipment provided by the District.CARB Staff concluded that load factors in OFFROAD are 33% too high.

Off-road Equipment - construction phasing and equipment provided by the District.CARB Staff concluded that load factors in OFFROAD are 33% too high.

Off-road Equipment - construction phasing and equipment provided by the District.CARB Staff concluded that load factors in OFFROAD are 33% too high.

Off-road Equipment - construction phasing and equipment provided by the District.CARB Staff concluded that load factors in OFFROAD are 33% too high.

Grading -

Demolition -

Trips and VMT - Note bug in CalEEMod in the Phasing that causes repeat of rows for some complex phased projects. Deleted duplicate/triplicate trips.

Architectural Coating - CalEEMod bug - duplicate phasing. VOC content of the paint has been adjusted because CalEEMod treats some types of pavement as

Vehicle Trips - The project generates a net increase of 1,590 trips.

Vehicle Emission Factors - Assumes a passenger vehicle fleet mix and some buses to account for teams.

Vehicle Emission Factors - Assumes a passenger vehicle fleet mix and some buses to account for teams.

Vehicle Emission Factors - Assumes a passenger vehicle fleet mix and some buses to account for teams.

Water And Wastewater - No increase in water. Reduction from turf.

Construction Off-road Equipment Mitigation - SCAQMD Rule 403.

NorthHS
Riverside-South Coast County, Annual

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										M1/yr					
2012	0.62	3.86	2.62	0.00	0.11	0.30	0.41	0.03	0.30	0.33	0.00	361.00	361.00	0.05	0.00	362.06
2013	0.34	1.50	1.07	0.00	0.01	0.10	0.11	0.00	0.10	0.10	0.00	165.72	165.72	0.02	0.00	166.12
Total	0.96	5.36	3.69	0.00	0.12	0.40	0.52	0.03	0.40	0.43	0.00	526.72	526.72	0.07	0.00	528.18

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										M1/yr					
2012	0.62	3.86	2.62	0.00	0.07	0.30	0.37	0.01	0.30	0.31	0.00	361.00	361.00	0.05	0.00	362.06
2013	0.34	1.50	1.07	0.00	0.01	0.10	0.11	0.00	0.10	0.10	0.00	165.72	165.72	0.02	0.00	166.12
Total	0.96	5.36	3.69	0.00	0.08	0.40	0.48	0.01	0.40	0.41	0.00	526.72	526.72	0.07	0.00	528.18

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										M1/yr					
Area	0.13	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Energy	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	14.14	14.14	0.00	0.00	14.23
Mobile	0.14	0.27	1.81	0.00	0.33	0.01	0.34	0.01	0.01	0.03	0.00	249.83	249.83	0.01	0.00	250.04
Waste						0.00	0.00		0.00	0.00	1.19	0.00	1.19	0.07	0.00	2.67
Water						0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.27	0.27	1.81	0.00	0.33	0.01	0.34	0.01	0.01	0.03	1.19	263.97	265.16	0.08	0.00	266.94

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										M1/yr					
Area	0.13	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Energy	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	14.14	14.14	0.00	0.00	14.23
Mobile	0.14	0.27	1.81	0.00	0.33	0.01	0.34	0.01	0.01	0.03	0.00	249.83	249.83	0.01	0.00	250.04
Waste						0.00	0.00		0.00	0.00	1.19	0.00	1.19	0.07	0.00	2.67
Water						0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.27	0.27	1.81	0.00	0.33	0.01	0.34	0.01	0.01	0.03	1.19	263.97	265.16	0.08	0.00	266.94

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3.0 Construction Detail

3.1 Mitigation Measures Construction

- Replace Ground Cover
- Water Exposed Area
- Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.00	0.01	0.01	0.00		0.00	0.00		0.00	0.00	0.00	1.26	1.26	0.00	0.00	1.26
Total	0.00	0.01	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	1.26	1.26	0.00	0.00	1.26

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.02	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	3.04	3.04	0.00	0.00	3.04
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.13	0.00	0.00	0.14
Total	0.00	0.02	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	3.17	3.17	0.00	0.00	3.18

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.00	0.01	0.01	0.00		0.00	0.00		0.00	0.00	0.00	1.26	1.26	0.00	0.00	1.26
Total	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.26	1.26	0.00	0.00	1.26

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.02	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	3.04	3.04	0.00	0.00	3.04
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.13	0.00	0.00	0.14
Total	0.00	0.02	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	3.17	3.17	0.00	0.00	3.18

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3.3 Grading - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.06	0.00	0.06	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.04	0.30	0.18	0.00		0.02	0.02		0.02	0.02	0.00	27.21	27.21	0.00	0.00	27.28
Total	0.04	0.30	0.18	0.00	0.06	0.02	0.08	0.03	0.02	0.05	0.00	27.21	27.21	0.00	0.00	27.28

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.15	1.15	0.00	0.00	1.15
Total	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.15	1.15	0.00	0.00	1.15

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.02	0.00	0.02	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.04	0.30	0.18	0.00		0.02	0.02		0.02	0.02	0.00	27.21	27.21	0.00	0.00	27.28
Total	0.04	0.30	0.18	0.00	0.02	0.02	0.04	0.01	0.02	0.03	0.00	27.21	27.21	0.00	0.00	27.28

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.15	1.15	0.00	0.00	1.15
Total	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.15	1.15	0.00	0.00	1.15

3.4 Trenching1 - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.01	0.06	0.04	0.00		0.00	0.00		0.00	0.00	0.00	5.96	5.96	0.00	0.00	5.97
Total	0.01	0.06	0.04	0.00		0.00	0.00		0.00	0.00	0.00	5.96	5.96	0.00	0.00	5.97

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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.30	0.00	0.00	0.30
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.30	0.00	0.00	0.30

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.01	0.06	0.04	0.00		0.00	0.00		0.00	0.00	0.00	5.96	5.96	0.00	0.00	5.97
Total	0.01	0.06	0.04	0.00		0.00	0.00		0.00	0.00	0.00	5.96	5.96	0.00	0.00	5.97

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.30	0.00	0.00	0.30
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.30	0.00	0.00	0.30

3.5 Paving - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.26	1.59	0.94	0.00		0.14	0.14		0.14	0.14	0.00	118.47	118.47	0.02	0.00	118.92
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.26	1.59	0.94	0.00		0.14	0.14		0.14	0.14	0.00	118.47	118.47	0.02	0.00	118.92

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.01	0.07	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	8.91	8.91	0.00	0.00	8.92
Total	0.00	0.01	0.07	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	8.91	8.91	0.00	0.00	8.92

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.26	1.59	0.94	0.00		0.14	0.14		0.14	0.14	0.00	118.47	118.47	0.02	0.00	118.92
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.26	1.59	0.94	0.00		0.14	0.14		0.14	0.14	0.00	118.47	118.47	0.02	0.00	118.92

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.01	0.07	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	8.91	8.91	0.00	0.00	8.92
Total	0.00	0.01	0.07	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	8.91	8.91	0.00	0.00	8.92

3.6 Building Construction1 - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.20	1.20	0.87	0.00		0.09	0.09		0.09	0.09	0.00	118.82	118.82	0.02	0.00	119.15
Total	0.20	1.20	0.87	0.00		0.09	0.09		0.09	0.09	0.00	118.82	118.82	0.02	0.00	119.15

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.04	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	5.88	5.88	0.00	0.00	5.88
Worker	0.00	0.00	0.04	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	5.94	5.94	0.00	0.00	5.94
Total	0.00	0.04	0.06	0.00	0.02	0.00	0.03	0.00	0.00	0.00	0.00	11.82	11.82	0.00	0.00	11.82

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.20	1.20	0.87	0.00		0.09	0.09		0.09	0.09	0.00	118.82	118.82	0.02	0.00	119.15
Total	0.20	1.20	0.87	0.00		0.09	0.09		0.09	0.09	0.00	118.82	118.82	0.02	0.00	119.15

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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.04	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	5.88	5.88	0.00	0.00	5.88
Worker	0.00	0.00	0.04	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	5.94	5.94	0.00	0.00	5.94
Total	0.00	0.04	0.06	0.00	0.02	0.00	0.03	0.00	0.00	0.00	0.00	11.82	11.82	0.00	0.00	11.82

3.6 Building Construction1 - 2013

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.02	0.11	0.09	0.00		0.01	0.01		0.01	0.01	0.00	11.88	11.88	0.00	0.00	11.91
Total	0.02	0.11	0.09	0.00		0.01	0.01		0.01	0.01	0.00	11.88	11.88	0.00	0.00	11.91

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.59	0.00	0.00	0.59
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.58	0.58	0.00	0.00	0.58
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.17	1.17	0.00	0.00	1.17

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.02	0.11	0.09	0.00		0.01	0.01		0.01	0.01	0.00	11.88	11.88	0.00	0.00	11.91
Total	0.02	0.11	0.09	0.00		0.01	0.01		0.01	0.01	0.00	11.88	11.88	0.00	0.00	11.91

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.59	0.00	0.00	0.59
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.58	0.58	0.00	0.00	0.58
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.17	1.17	0.00	0.00	1.17

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3.7 Trenching2 - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.01	0.06	0.04	0.00		0.01	0.01		0.01	0.01	0.00	5.54	5.54	0.00	0.00	5.56
Total	0.01	0.06	0.04	0.00		0.01	0.01		0.01	0.01	0.00	5.54	5.54	0.00	0.00	5.56

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.59	0.00	0.00	0.59
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.59	0.00	0.00	0.59

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.01	0.06	0.04	0.00		0.01	0.01		0.01	0.01	0.00	5.54	5.54	0.00	0.00	5.56
Total	0.01	0.06	0.04	0.00		0.01	0.01		0.01	0.01	0.00	5.54	5.54	0.00	0.00	5.56

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.59	0.00	0.00	0.59
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.59	0.00	0.00	0.59

3.8 Building Construction2 - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.09	0.55	0.35	0.00		0.04	0.04		0.04	0.04	0.00	53.66	53.66	0.01	0.00	53.81
Total	0.09	0.55	0.35	0.00		0.04	0.04		0.04	0.04	0.00	53.66	53.66	0.01	0.00	53.81

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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.06	2.06	0.00	0.00	2.06
Worker	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.08	2.08	0.00	0.00	2.08
Total	0.00	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.14	4.14	0.00	0.00	4.14

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.09	0.55	0.35	0.00		0.04	0.04		0.04	0.04	0.00	53.66	53.66	0.01	0.00	53.81
Total	0.09	0.55	0.35	0.00		0.04	0.04		0.04	0.04	0.00	53.66	53.66	0.01	0.00	53.81

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.06	2.06	0.00	0.00	2.06
Worker	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.08	2.08	0.00	0.00	2.08
Total	0.00	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.14	4.14	0.00	0.00	4.14

3.8 Building Construction2 - 2013

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.21	1.33	0.92	0.00		0.09	0.09		0.09	0.09	0.00	140.54	140.54	0.02	0.00	140.90
Total	0.21	1.33	0.92	0.00		0.09	0.09		0.09	0.09	0.00	140.54	140.54	0.02	0.00	140.90

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.40	5.40	0.00	0.00	5.40
Worker	0.00	0.00	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	5.32	5.32	0.00	0.00	5.33
Total	0.00	0.04	0.06	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	10.72	10.72	0.00	0.00	10.73

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.21	1.33	0.92	0.00		0.09	0.09		0.09	0.09	0.00	140.54	140.54	0.02	0.00	140.90
Total	0.21	1.33	0.92	0.00		0.09	0.09		0.09	0.09	0.00	140.54	140.54	0.02	0.00	140.90

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.40	5.40	0.00	0.00	5.40
Worker	0.00	0.00	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	5.32	5.32	0.00	0.00	5.33
Total	0.00	0.04	0.06	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	10.72	10.72	0.00	0.00	10.73

3.9 Architectural Coating - 2013

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.05					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.00	0.01	0.01	0.00		0.00	0.00		0.00	0.00	0.00	0.68	0.68	0.00	0.00	0.68
Total	0.05	0.01	0.01	0.00		0.00	0.00		0.00	0.00	0.00	0.68	0.68	0.00	0.00	0.68

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.07	0.00	0.00	0.07
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.07	0.00	0.00	0.07

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.05					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.00	0.01	0.01	0.00		0.00	0.00		0.00	0.00	0.00	0.68	0.68	0.00	0.00	0.68
Total	0.05	0.01	0.01	0.00		0.00	0.00		0.00	0.00	0.00	0.68	0.68	0.00	0.00	0.68

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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										M1/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.07	0.00	0.00	0.07
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.07	0.00	0.00	0.07

3.10 Architectural Coating2 - 2013

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										M1/yr					
Archit. Coating	0.05					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.00	0.01	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.60	0.60	0.00	0.00	0.60
Total	0.05	0.01	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.60	0.60	0.00	0.00	0.60

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										M1/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.06	0.00	0.00	0.06
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.06	0.00	0.00	0.06

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										M1/yr					
Archit. Coating	0.05					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.00	0.01	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.60	0.60	0.00	0.00	0.60
Total	0.05	0.01	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.60	0.60	0.00	0.00	0.60

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										M1/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.06	0.00	0.00	0.06
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.06	0.00	0.00	0.06

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4.0 Mobile Detail

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										M1/yr					
Mitigated	0.14	0.27	1.81	0.00	0.33	0.01	0.34	0.01	0.01	0.03	0.00	249.83	249.83	0.01	0.00	250.04
Unmitigated	0.14	0.27	1.81	0.00	0.33	0.01	0.34	0.01	0.01	0.03	0.00	249.83	249.83	0.01	0.00	250.04
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
High School	0.00	1,590.00	0.00	594,696	594,696
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	1,590.00	0.00	594,696	594,696

4.3 Trip Type Information

Land Use	Miles			Trip %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW
High School	9.50	7.30	7.30	77.80	17.20	5.00
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00

5.0 Energy Detail

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										M1/yr					
Electricity Mitigated						0.00	0.00		0.00	0.00	0.00	11.94	11.94	0.00	0.00	12.01
Electricity Unmitigated						0.00	0.00		0.00	0.00	0.00	11.94	11.94	0.00	0.00	12.01
NaturalGas Mitigated	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	2.20	2.20	0.00	0.00	2.21
NaturalGas Unmitigated	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	2.20	2.20	0.00	0.00	2.21
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	tons/yr										MT/yr					
High School	41221.9	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	2.20	2.20	0.00	0.00	2.21
Other Asphalt Surfaces	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	2.20	2.20	0.00	0.00	2.21

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	tons/yr										MT/yr					
High School	41221.9	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	2.20	2.20	0.00	0.00	2.21
Other Asphalt Surfaces	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	2.20	2.20	0.00	0.00	2.21

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	kWh	tons/yr				MT/yr			
High School	41041.3					11.94	0.00	0.00	12.01
Other Asphalt Surfaces	0					0.00	0.00	0.00	0.00
Total						11.94	0.00	0.00	12.01

Mitigated

	Electricity Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	kWh	tons/yr				MT/yr			
High School	41041.3					11.94	0.00	0.00	12.01
Other Asphalt Surfaces	0					0.00	0.00	0.00	0.00
Total						11.94	0.00	0.00	12.01

NorthHS
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6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.13	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unmitigated	0.13	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.03					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.10					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.13	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.03					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.10					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.13	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

7.0 Water Detail

7.1 Mitigation Measures Water

	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr				MT/yr			
Mitigated					0.00	0.00	0.00	0.00
Unmitigated					0.00	0.00	0.00	0.00
Total	NA	NA	NA	NA	NA	NA	NA	NA

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7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	tons/yr				MT/yr			
High School	0 / 0					0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0 / 0					0.00	0.00	0.00	0.00
Total						0.00	0.00	0.00	0.00

Mitigated

	Indoor/Outdoor Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	tons/yr				MT/yr			
High School	0 / 0					0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0 / 0					0.00	0.00	0.00	0.00
Total						0.00	0.00	0.00	0.00

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
	tons/yr				MT/yr			
Mitigated					1.19	0.07	0.00	2.67
Unmitigated					1.19	0.07	0.00	2.67
Total	NA	NA	NA	NA	NA	NA	NA	NA

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	tons	tons/yr				MT/yr			
High School	5.86					1.19	0.07	0.00	2.67
Other Asphalt Surfaces	0					0.00	0.00	0.00	0.00
Total						1.19	0.07	0.00	2.67

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Mitigated

	Waste Disposed	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	tons	tons/yr				Mt/yr			
High School	5.86					1.19	0.07	0.00	2.67
Other Asphalt Surfaces	0					0.00	0.00	0.00	0.00
Total						1.19	0.07	0.00	2.67

9.0 Vegetation

NorthHS
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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
High School	4.515	1000sqft
Other Asphalt Surfaces	22.75	1000sqft

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)		Utility Company	Southern California Edison
Climate Zone	10		2.4		
		Precipitation Freq (Days)			

1.3 User Entered Comments

Project Characteristics -

Land Use - total acreage disturbed = 8.87 acres

Construction Phase - Construction phasing and equipment provided by the District.

Off-road Equipment - construction phasing and equipment provided by the District.CARB Staff concluded that load factors in OFFROAD are 33% too high.

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Off-road Equipment - construction phasing and equipment provided by the District.CARB Staff concluded that load factors in OFFROAD are 33% too high.

Off-road Equipment - Construction equipment and phasing provided by the District (pool construction is default minus the crane)

Off-road Equipment - construction phasing and equipment provided by the District.CARB Staff concluded that load factors in OFFROAD are 33% too high.

Off-road Equipment - construction phasing and equipment provided by the District.CARB Staff concluded that load factors in OFFROAD are 33% too high.

Off-road Equipment - construction phasing and equipment provided by the District.CARB Staff concluded that load factors in OFFROAD are 33% too high.

Off-road Equipment - construction phasing and equipment provided by the District.CARB Staff concluded that load factors in OFFROAD are 33% too high.

Grading -

Demolition -

Trips and VMT - Note bug in CalEEMod in the Phasing that causes repeat of rows for some complex phased projects. Deleted duplicate/triplicate trips.

Architectural Coating - CalEEMod bug - duplicate phasing. VOC content of the paint has been adjusted because CalEEMod treats some types of pavement as ~~asphalt~~

Vehicle Trips - The project generates a net increase of 1,590 trips.

Vehicle Emission Factors - Assumes a passenger vehicle fleet mix and some buses to account for teams.

Vehicle Emission Factors - Assumes a passenger vehicle fleet mix and some buses to account for teams.

Vehicle Emission Factors - Assumes a passenger vehicle fleet mix and some buses to account for teams.

Water And Wastewater - No increase in water. Reduction from turf.

Construction Off-road Equipment Mitigation - SCAQMD Rule 403.

NorthHS
Riverside-South Coast County, Summer

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2012	11.67	71.96	49.03	0.08	10.50	5.51	12.95	3.34	5.51	5.79	0.00	7,593.98	0.00	1.05	0.00	7,616.00
2013	20.25	46.23	34.53	0.06	0.56	3.21	3.77	0.02	3.21	3.23	0.00	5,657.41	0.00	0.65	0.00	5,671.11
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2012	11.67	71.96	49.03	0.08	5.73	5.51	8.18	1.45	5.51	5.53	0.00	7,593.98	0.00	1.05	0.00	7,616.00
2013	20.25	46.23	34.53	0.06	0.56	3.21	3.77	0.02	3.21	3.23	0.00	5,657.41	0.00	0.65	0.00	5,671.11
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.71	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Energy	0.00	0.01	0.01	0.00		0.00	0.00		0.00	0.00		13.29		0.00	0.00	13.37
Mobile	5.99	10.12	74.29	0.12	13.76	0.57	14.33	0.45	0.57	1.02		11,407.21		0.54		11,418.57
Total	6.70	10.13	74.30	0.12	13.76	0.57	14.33	0.45	0.57	1.02		11,420.50		0.54	0.00	11,431.94

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.71	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Energy	0.00	0.01	0.01	0.00		0.00	0.00		0.00	0.00		13.29		0.00	0.00	13.37
Mobile	5.99	10.12	74.29	0.12	13.76	0.57	14.33	0.45	0.57	1.02		11,407.21		0.54		11,418.57
Total	6.70	10.13	74.30	0.12	13.76	0.57	14.33	0.45	0.57	1.02		11,420.50		0.54	0.00	11,431.94

NorthHS
Riverside-South Coast County, Summer

3.0 Construction Detail

3.1 Mitigation Measures Construction

- Replace Ground Cover
- Water Exposed Area
- Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.78	0.00	1.78	0.00	0.00	0.00						0.00
Off-Road	0.41	2.64	1.91	0.00		0.23	0.23		0.23	0.23		277.89		0.04		278.66
Total	0.41	2.64	1.91	0.00	1.78	0.23	2.01	0.00	0.23	0.23		277.89		0.04		278.66

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.39	4.72	2.03	0.01	1.93	0.19	2.12	0.02	0.19	0.21		671.78		0.02		672.17
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.02	0.02	0.22	0.00	0.04	0.00	0.04	0.00	0.00	0.00		32.19		0.00		32.23
Total	0.41	4.74	2.25	0.01	1.97	0.19	2.16	0.02	0.19	0.21		703.97		0.02		704.40

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.76	0.00	0.76	0.00	0.00	0.00						0.00
Off-Road	0.41	2.64	1.91	0.00		0.23	0.23		0.23	0.23	0.00	277.89		0.04		278.66
Total	0.41	2.64	1.91	0.00	0.76	0.23	0.99	0.00	0.23	0.23	0.00	277.89		0.04		278.66

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.39	4.72	2.03	0.01	1.93	0.19	2.12	0.02	0.19	0.21		671.78		0.02		672.17
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.02	0.02	0.22	0.00	0.04	0.00	0.04	0.00	0.00	0.00		32.19		0.00		32.23
Total	0.41	4.74	2.25	0.01	1.97	0.19	2.16	0.02	0.19	0.21		703.97		0.02		704.40

NorthHS
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3.3 Grading - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.55	0.00	6.55	3.31	0.00	3.31						0.00
Off-Road	4.55	35.03	21.48	0.03		2.02	2.02		2.02	2.02		3,530.20		0.41		3,538.75
Total	4.55	35.03	21.48	0.03	6.55	2.02	8.57	3.31	2.02	5.33		3,530.20		0.41		3,538.75

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.09	1.09	0.00	0.20	0.01	0.20	0.01	0.01	0.01		160.93		0.01		161.13
Total	0.08	0.09	1.09	0.00	0.20	0.01	0.20	0.01	0.01	0.01		160.93		0.01		161.13

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.80	0.00	2.80	1.42	0.00	1.42						0.00
Off-Road	4.55	35.03	21.48	0.03		2.02	2.02		2.02	2.02	0.00	3,530.20		0.41		3,538.75
Total	4.55	35.03	21.48	0.03	2.80	2.02	4.82	1.42	2.02	3.44	0.00	3,530.20		0.41		3,538.75

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.09	1.09	0.00	0.20	0.01	0.20	0.01	0.01	0.01		160.93		0.01		161.13
Total	0.08	0.09	1.09	0.00	0.20	0.01	0.20	0.01	0.01	0.01		160.93		0.01		161.13

3.4 Trenching1 - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.69	5.12	3.55	0.01		0.30	0.30		0.30	0.30		597.43		0.06		598.71
Total	0.69	5.12	3.55	0.01		0.30	0.30		0.30	0.30		597.43		0.06		598.71

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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.02	0.02	0.22	0.00	0.04	0.00	0.04	0.00	0.00	0.00		32.19		0.00		32.23
Total	0.02	0.02	0.22	0.00	0.04	0.00	0.04	0.00	0.00	0.00		32.19		0.00		32.23

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.69	5.12	3.55	0.01		0.30	0.30		0.30	0.30	0.00	597.43		0.06		598.71
Total	0.69	5.12	3.55	0.01		0.30	0.30		0.30	0.30	0.00	597.43		0.06		598.71

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.02	0.02	0.22	0.00	0.04	0.00	0.04	0.00	0.00	0.00		32.19		0.00		32.23
Total	0.02	0.02	0.22	0.00	0.04	0.00	0.04	0.00	0.00	0.00		32.19		0.00		32.23

3.5 Paving - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.98	24.16	14.30	0.02		2.12	2.12		2.12	2.12		1,979.14		0.36		1,986.64
Paving	0.01					0.00	0.00		0.00	0.00						0.00
Total	3.99	24.16	14.30	0.02		2.12	2.12		2.12	2.12		1,979.14		0.36		1,986.64

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.09	1.09	0.00	0.20	0.01	0.20	0.01	0.01	0.01		160.93		0.01		161.13
Total	0.08	0.09	1.09	0.00	0.20	0.01	0.20	0.01	0.01	0.01		160.93		0.01		161.13

NorthHS
Riverside-South Coast County, Summer

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.98	24.16	14.30	0.02		2.12	2.12		2.12	2.12	0.00	1,979.14		0.36		1,986.64
Paving	0.01					0.00	0.00		0.00	0.00						0.00
Total	3.99	24.16	14.30	0.02		2.12	2.12		2.12	2.12	0.00	1,979.14		0.36		1,986.64

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.09	1.09	0.00	0.20	0.01	0.20	0.01	0.01	0.01		160.93		0.01		161.13
Total	0.08	0.09	1.09	0.00	0.20	0.01	0.20	0.01	0.01	0.01		160.93		0.01		161.13

3.6 Building Construction1 - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.26	20.04	14.46	0.02		1.52	1.52		1.52	1.52		2,183.47		0.29		2,189.61
Total	3.26	20.04	14.46	0.02		1.52	1.52		1.52	1.52		2,183.47		0.29		2,189.61

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.06	0.70	0.34	0.00	0.07	0.02	0.09	0.00	0.02	0.03		108.44		0.00		108.49
Worker	0.06	1.07	0.80	0.00	0.28	0.00	0.29	0.01	0.00	0.01		118.01		0.01		118.16
Total	0.12	0.77	1.14	0.00	0.35	0.02	0.38	0.01	0.02	0.04		226.45		0.01		226.65

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.26	20.04	14.46	0.02		1.52	1.52		1.52	1.52	0.00	2,183.47		0.29		2,189.61
Total	3.26	20.04	14.46	0.02		1.52	1.52		1.52	1.52	0.00	2,183.47		0.29		2,189.61

NorthHS
Riverside-South Coast County, Summer

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.06	0.70	0.34	0.00	0.07	0.02	0.09	0.00	0.02	0.03		108.44		0.00		108.49
Worker	0.06	0.07	0.80	0.00	0.28	0.00	0.29	0.01	0.00	0.01		118.01		0.01		118.16
Total	0.12	0.77	1.14	0.00	0.35	0.02	0.38	0.01	0.02	0.04		226.45		0.01		226.65

3.6 Building Construction1 - 2013

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.98	18.59	14.34	0.02		1.37	1.37		1.37	1.37		2,183.46		0.27		2,189.05
Total	2.98	18.59	14.34	0.02		1.37	1.37		1.37	1.37		2,183.46		0.27		2,189.05

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.05	0.64	0.31	0.00	0.07	0.02	0.09	0.00	0.02	0.02		108.54		0.00		108.59
Worker	0.05	0.06	0.73	0.00	0.28	0.01	0.29	0.01	0.01	0.01		115.43		0.01		115.57
Total	0.10	0.70	1.04	0.00	0.35	0.03	0.38	0.01	0.03	0.03		223.97		0.01		224.16

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.98	18.59	14.34	0.02		1.37	1.37		1.37	1.37	0.00	2,183.46		0.27		2,189.05
Total	2.98	18.59	14.34	0.02		1.37	1.37		1.37	1.37	0.00	2,183.46		0.27		2,189.05

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.05	0.64	0.31	0.00	0.07	0.02	0.09	0.00	0.02	0.02		108.54		0.00		108.59
Worker	0.05	0.06	0.73	0.00	0.28	0.01	0.29	0.01	0.01	0.01		115.43		0.01		115.57
Total	0.10	0.70	1.04	0.00	0.35	0.03	0.38	0.01	0.03	0.03		223.97		0.01		224.16

NorthHS
Riverside-South Coast County, Summer

3.7 Trenching2 - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.41	2.64	1.91	0.00		0.23	0.23		0.23	0.23			277.89	0.04			278.66
Total	0.41	2.64	1.91	0.00		0.23	0.23		0.23	0.23			277.89	0.04			278.66

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00			0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00			0.00
Worker	0.02	0.02	0.22	0.00	0.04	0.00	0.04	0.00	0.00	0.00			32.19	0.00			32.23
Total	0.02	0.02	0.22	0.00	0.04	0.00	0.04	0.00	0.00	0.00			32.19	0.00			32.23

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.41	2.64	1.91	0.00		0.23	0.23		0.23	0.23	0.00		277.89	0.04			278.66
Total	0.41	2.64	1.91	0.00		0.23	0.23		0.23	0.23	0.00		277.89	0.04			278.66

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00			0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00			0.00
Worker	0.02	0.02	0.22	0.00	0.04	0.00	0.04	0.00	0.00	0.00			32.19	0.00			32.23
Total	0.02	0.02	0.22	0.00	0.04	0.00	0.04	0.00	0.00	0.00			32.19	0.00			32.23

3.8 Building Construction2 - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	4.12	26.12	16.89	0.03		1.80	1.80		1.80	1.80			2,817.54	0.37			2,825.31
Total	4.12	26.12	16.89	0.03		1.80	1.80		1.80	1.80			2,817.54	0.37			2,825.31

NorthHS
Riverside-South Coast County, Summer

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.06	0.70	0.34	0.00	0.04	0.02	0.06	0.00	0.02	0.03		108.44		0.00		108.49
Worker	0.06	0.07	0.80	0.00	0.14	0.00	0.15	0.01	0.00	0.01		118.01		0.01		118.16
Total	0.12	0.77	1.14	0.00	0.18	0.02	0.21	0.01	0.02	0.04		226.45		0.01		226.65

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.12	26.12	16.89	0.03		1.80	1.80		1.80	1.80	0.00	2,817.54		0.37		2,825.31
Total	4.12	26.12	16.89	0.03		1.80	1.80		1.80	1.80	0.00	2,817.54		0.37		2,825.31

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.06	0.70	0.34	0.00	0.04	0.02	0.06	0.00	0.02	0.03		108.44		0.00		108.49
Worker	0.06	0.07	0.80	0.00	0.14	0.00	0.15	0.01	0.00	0.01		118.01		0.01		118.16
Total	0.12	0.77	1.14	0.00	0.18	0.02	0.21	0.01	0.02	0.04		226.45		0.01		226.65

3.8 Building Construction2 - 2013

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.78	24.26	16.67	0.03		1.61	1.61		1.61	1.61		2,817.54		0.34		2,824.64
Total	3.78	24.26	16.67	0.03		1.61	1.61		1.61	1.61		2,817.54		0.34		2,824.64

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.05	0.64	0.31	0.00	0.04	0.02	0.06	0.00	0.02	0.02		108.54		0.00		108.59
Worker	0.05	0.06	0.73	0.00	0.14	0.01	0.15	0.01	0.01	0.01		115.43		0.01		115.57
Total	0.10	0.70	1.04	0.00	0.18	0.03	0.21	0.01	0.03	0.03		223.97		0.01		224.16

NorthHS
Riverside-South Coast County, Summer

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.78	24.26	16.67	0.03		1.61	1.61		1.61	1.61	0.00	2,817.54		0.34		2,824.64
Total	3.78	24.26	16.67	0.03		1.61	1.61		1.61	1.61	0.00	2,817.54		0.34		2,824.64

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.05	0.64	0.31	0.00	0.04	0.02	0.06	0.00	0.02	0.02		108.54		0.00		108.59
Worker	0.05	0.06	0.73	0.00	0.14	0.01	0.15	0.01	0.01	0.01		115.43		0.01		115.57
Total	0.10	0.70	1.04	0.00	0.18	0.03	0.21	0.01	0.03	0.03		223.97		0.01		224.16

3.9 Architectural Coating - 2013

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	12.94					0.00	0.00		0.00	0.00						0.00
Off-Road	0.32	1.97	1.29	0.00		0.18	0.18		0.18	0.18		187.46		0.03		188.07
Total	13.26	1.97	1.29	0.00		0.18	0.18		0.18	0.18		187.46		0.03		188.07

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.01	0.01	0.13	0.00	0.03	0.00	0.03	0.00	0.00	0.00		20.99		0.00		21.01
Total	0.01	0.01	0.13	0.00	0.03	0.00	0.03	0.00	0.00	0.00		20.99		0.00		21.01

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	12.94					0.00	0.00		0.00	0.00						0.00
Off-Road	0.32	1.97	1.29	0.00		0.18	0.18		0.18	0.18	0.00	187.46		0.03		188.07
Total	13.26	1.97	1.29	0.00		0.18	0.18		0.18	0.18	0.00	187.46		0.03		188.07

NorthHS
Riverside-South Coast County, Summer

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.01	0.01	0.13	0.00	0.03	0.00	0.03	0.00	0.00	0.00		20.99		0.00		21.01
Total	0.01	0.01	0.13	0.00	0.03	0.00	0.03	0.00	0.00	0.00		20.99		0.00		21.01

3.10 Architectural Coating2 - 2013

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	14.79					0.00	0.00		0.00	0.00						0.00
Off-Road	0.32	1.97	1.29	0.00		0.18	0.18		0.18	0.18		187.46		0.03		188.07
Total	15.11	1.97	1.29	0.00		0.18	0.18		0.18	0.18		187.46		0.03		188.07

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.01	0.01	0.13	0.00	0.08	0.00	0.08	0.00	0.00	0.00		20.99		0.00		21.01
Total	0.01	0.01	0.13	0.00	0.08	0.00	0.08	0.00	0.00	0.00		20.99		0.00		21.01

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	14.79					0.00	0.00		0.00	0.00						0.00
Off-Road	0.32	1.97	1.29	0.00		0.18	0.18		0.18	0.18	0.00	187.46		0.03		188.07
Total	15.11	1.97	1.29	0.00		0.18	0.18		0.18	0.18	0.00	187.46		0.03		188.07

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.01	0.01	0.13	0.00	0.08	0.00	0.08	0.00	0.00	0.00		20.99		0.00		21.01
Total	0.01	0.01	0.13	0.00	0.08	0.00	0.08	0.00	0.00	0.00		20.99		0.00		21.01

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4.0 Mobile Detail

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	5.99	10.12	74.29	0.12	13.76	0.57	14.33	0.45	0.57	1.02			11,407.21	0.54		11,418.57
Unmitigated	5.99	10.12	74.29	0.12	13.76	0.57	14.33	0.45	0.57	1.02			11,407.21	0.54		11,418.57
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
High School	0.00	1,590.00	0.00	594,696	594,696
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	1,590.00	0.00	594,696	594,696

4.3 Trip Type Information

Land Use	Miles			Trip %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW
High School	9.50	7.30	7.30	77.80	17.20	5.00
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00

5.0 Energy Detail

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.00	0.01	0.01	0.00		0.00	0.00		0.00	0.00			13.29	0.00	0.00	13.37
NaturalGas Unmitigated	0.00	0.01	0.01	0.00		0.00	0.00		0.00	0.00			13.29	0.00	0.00	13.37
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
High School	112,937	0.00	0.01	0.01	0.00		0.00	0.00		0.00	0.00			13.29	0.00	0.00	13.37
Other Asphalt Surfaces	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00
Total		0.00	0.01	0.01	0.00		0.00	0.00		0.00	0.00			13.29	0.00	0.00	13.37

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Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
High School	0.112937	0.00	0.01	0.01	0.00		0.00	0.00		0.00	0.00			13.29	0.00	0.00	13.37
Other Asphalt Surfaces	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00
Total		0.00	0.01	0.01	0.00		0.00	0.00		0.00	0.00			13.29	0.00	0.00	13.37

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.71	0.00	0.00	0.00		0.00	0.00		0.00	0.00			0.00	0.00		0.00
Unmitigated	0.71	0.00	0.00	0.00		0.00	0.00		0.00	0.00			0.00	0.00		0.00
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.17					0.00	0.00		0.00	0.00						0.00
Consumer Products	0.54					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00			0.00	0.00		0.00
Total	0.71	0.00	0.00	0.00		0.00	0.00		0.00	0.00			0.00	0.00		0.00

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.17					0.00	0.00		0.00	0.00						0.00
Consumer Products	0.54					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00			0.00	0.00		0.00
Total	0.71	0.00	0.00	0.00		0.00	0.00		0.00	0.00			0.00	0.00		0.00

7.0 Water Detail

7.1 Mitigation Measures Water

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8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Vegetation

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
High School	4.515	1000sqft
Other Asphalt Surfaces	22.75	1000sqft

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)		Utility Company	Southern California Edison
Climate Zone	10		2.4		
		Precipitation Freq (Days)			

1.3 User Entered Comments

Project Characteristics -

Land Use - total acreage disturbed = 8.87 acres

Construction Phase - Construction phasing and equipment provided by the District.

Off-road Equipment - construction phasing and equipment provided by the District.CARB Staff concluded that load factors in OFFROAD are 33% too high.

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Off-road Equipment - construction phasing and equipment provided by the District.CARB Staff concluded that load factors in OFFROAD are 33% too high.

Off-road Equipment - Construction equipment and phasing provided by the District (pool construction is default minus the crane)

Off-road Equipment - construction phasing and equipment provided by the District.CARB Staff concluded that load factors in OFFROAD are 33% too high.

Off-road Equipment - construction phasing and equipment provided by the District.CARB Staff concluded that load factors in OFFROAD are 33% too high.

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Off-road Equipment - construction phasing and equipment provided by the District.CARB Staff concluded that load factors in OFFROAD are 33% too high.

Grading -

Demolition -

Trips and VMT - Note bug in CalEEMod in the Phasing that causes repeat of rows for some complex phased projects. Deleted duplicate/triplicate trips.

Architectural Coating - CalEEMod bug - duplicate phasing. VOC content of the paint has been adjusted because CalEEMod treats some types of pavement as ~~asphalt~~

Vehicle Trips - The project generates a net increase of 1,590 trips.

Vehicle Emission Factors - Assumes a passenger vehicle fleet mix and some buses to account for teams.

Vehicle Emission Factors - Assumes a passenger vehicle fleet mix and some buses to account for teams.

Vehicle Emission Factors - Assumes a passenger vehicle fleet mix and some buses to account for teams.

Water And Wastewater - No increase in water. Reduction from turf.

Construction Off-road Equipment Mitigation - SCAQMD Rule 403. Mitigated run for Tier 3 construction.

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2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2012	11.67	71.96	49.03	0.08	10.50	5.51	12.95	3.34	5.51	5.79	0.00	7,593.98	0.00	1.05	0.00	7,616.00
2013	20.25	46.23	34.53	0.06	0.56	3.21	3.77	0.02	3.21	3.23	0.00	5,657.41	0.00	0.65	0.00	5,671.11
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2012	6.73	38.13	48.07	0.08	5.73	3.46	7.38	1.45	3.46	3.48	0.00	7,593.98	0.00	1.05	0.00	7,616.00
2013	17.99	28.45	35.25	0.06	0.56	2.50	3.06	0.02	2.50	2.52	0.00	5,657.41	0.00	0.65	0.00	5,671.11
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

3.0 Construction Detail

3.1 Mitigation Measures Construction

- Use Cleaner Engines for Construction Equipment
- Use DPF for Construction Equipment
- Replace Ground Cover
- Water Exposed Area
- Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.78	0.00	1.78	0.00	0.00	0.00						0.00
Off-Road	0.41	2.64	1.91	0.00		0.23	0.23		0.23	0.23		277.89		0.04		278.66
Total	0.41	2.64	1.91	0.00	1.78	0.23	2.01	0.00	0.23	0.23		277.89		0.04		278.66

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.39	4.72	2.03	0.01	1.93	0.19	2.12	0.02	0.19	0.21		671.78		0.02		672.17
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.02	0.02	0.22	0.00	0.04	0.00	0.04	0.00	0.00	0.00		32.19		0.00		32.23
Total	0.41	4.74	2.25	0.01	1.97	0.19	2.16	0.02	0.19	0.21		703.97		0.02		704.40

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.76	0.00	0.76	0.00	0.00	0.00						0.00
Off-Road	0.24	1.47	1.81	0.00		0.15	0.15		0.15	0.15	0.00	277.89		0.04		278.66
Total	0.24	1.47	1.81	0.00	0.76	0.15	0.91	0.00	0.15	0.15	0.00	277.89		0.04		278.66

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.39	4.72	2.03	0.01	1.93	0.19	2.12	0.02	0.19	0.21		671.78		0.02		672.17
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.02	0.02	0.22	0.00	0.04	0.00	0.04	0.00	0.00	0.00		32.19		0.00		32.23
Total	0.41	4.74	2.25	0.01	1.97	0.19	2.16	0.02	0.19	0.21		703.97		0.02		704.40

3.3 Grading - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.55	0.00	6.55	3.31	0.00	3.31						0.00
Off-Road	4.55	35.03	21.48	0.03		2.02	2.02		2.02	2.02		3,530.20		0.41		3,538.75
Total	4.55	35.03	21.48	0.03	6.55	2.02	8.57	3.31	2.02	5.33		3,530.20		0.41		3,538.75

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	1.09	1.09	0.00	0.20	0.01	0.20	0.01	0.01	0.01		160.93		0.01		161.13
Total	0.08	0.09	1.09	0.00	0.20	0.01	0.20	0.01	0.01	0.01		160.93		0.01		161.13

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.80	0.00	2.80	1.42	0.00	1.42						0.00
Off-Road	2.63	16.74	20.21	0.03		1.31	1.31		1.31	1.31	0.00	3,530.20		0.41		3,538.75
Total	2.63	16.74	20.21	0.03	2.80	1.31	4.11	1.42	1.31	2.73	0.00	3,530.20		0.41		3,538.75

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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.09	1.09	0.00	0.20	0.01	0.20	0.01	0.01	0.01		160.93		0.01		161.13
Total	0.08	0.09	1.09	0.00	0.20	0.01	0.20	0.01	0.01	0.01		160.93		0.01		161.13

3.4 Trenching1 - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.69	5.12	3.55	0.01		0.30	0.30		0.30	0.30		597.43		0.06		598.71
Total	0.69	5.12	3.55	0.01		0.30	0.30		0.30	0.30		597.43		0.06		598.71

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.02	0.02	0.22	0.00	0.04	0.00	0.04	0.00	0.00	0.00		32.19		0.00		32.23
Total	0.02	0.02	0.22	0.00	0.04	0.00	0.04	0.00	0.00	0.00		32.19		0.00		32.23

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.42	2.73	3.89	0.01		0.23	0.23		0.23	0.23	0.00	597.43		0.06		598.71
Total	0.42	2.73	3.89	0.01		0.23	0.23		0.23	0.23	0.00	597.43		0.06		598.71

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.02	0.02	0.22	0.00	0.04	0.00	0.04	0.00	0.00	0.00		32.19		0.00		32.23
Total	0.02	0.02	0.22	0.00	0.04	0.00	0.04	0.00	0.00	0.00		32.19		0.00		32.23

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3.5 Paving - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.98	24.16	14.30	0.02		2.12	2.12		2.12	2.12		1,979.14		0.36		1,986.64
Paving	0.01					0.00	0.00		0.00	0.00						0.00
Total	3.99	24.16	14.30	0.02		2.12	2.12		2.12	2.12		1,979.14		0.36		1,986.64

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.09	1.09	0.00	0.20	0.01	0.20	0.01	0.01	0.01		160.93		0.01		161.13
Total	0.08	0.09	1.09	0.00	0.20	0.01	0.20	0.01	0.01	0.01		160.93		0.01		161.13

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.74	10.45	12.89	0.02		1.04	1.04		1.04	1.04	0.00	1,979.14		0.36		1,986.64
Paving	0.01					0.00	0.00		0.00	0.00						0.00
Total	1.75	10.45	12.89	0.02		1.04	1.04		1.04	1.04	0.00	1,979.14		0.36		1,986.64

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.09	1.09	0.00	0.20	0.01	0.20	0.01	0.01	0.01		160.93		0.01		161.13
Total	0.08	0.09	1.09	0.00	0.20	0.01	0.20	0.01	0.01	0.01		160.93		0.01		161.13

3.6 Building Construction1 - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.26	20.04	14.46	0.02		1.52	1.52		1.52	1.52		2,183.47		0.29		2,189.61
Total	3.26	20.04	14.46	0.02		1.52	1.52		1.52	1.52		2,183.47		0.29		2,189.61

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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.06	0.70	0.34	0.00	0.07	0.02	0.09	0.00	0.02	0.03		108.44		0.00		108.49
Worker	0.06	0.07	0.80	0.00	0.28	0.00	0.29	0.01	0.00	0.01		118.01		0.01		118.16
Total	0.12	0.77	1.14	0.00	0.35	0.02	0.38	0.01	0.02	0.04		226.45		0.01		226.65

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.01	11.36	14.31	0.02		1.06	1.06		1.06	1.06	0.00	2,183.47		0.29		2,189.61
Total	2.01	11.36	14.31	0.02		1.06	1.06		1.06	1.06	0.00	2,183.47		0.29		2,189.61

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.06	0.70	0.34	0.00	0.07	0.02	0.09	0.00	0.02	0.03		108.44		0.00		108.49
Worker	0.06	0.07	0.80	0.00	0.28	0.00	0.29	0.01	0.00	0.01		118.01		0.01		118.16
Total	0.12	0.77	1.14	0.00	0.35	0.02	0.38	0.01	0.02	0.04		226.45		0.01		226.65

3.6 Building Construction1 - 2013

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.98	18.59	14.34	0.02		1.37	1.37		1.37	1.37		2,183.46		0.27		2,189.05
Total	2.98	18.59	14.34	0.02		1.37	1.37		1.37	1.37		2,183.46		0.27		2,189.05

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.05	0.64	0.31	0.00	0.07	0.02	0.09	0.00	0.02	0.02		108.54		0.00		108.59
Worker	0.05	0.06	0.73	0.00	0.28	0.01	0.29	0.01	0.01	0.01		115.43		0.01		115.57
Total	0.10	0.70	1.04	0.00	0.35	0.03	0.38	0.01	0.03	0.03		223.97		0.01		224.16

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.01	11.36	14.31	0.02		1.06	1.06		1.06	1.06	0.00	2,183.46		0.27		2,189.05
Total	2.01	11.36	14.31	0.02		1.06	1.06		1.06	1.06	0.00	2,183.46		0.27		2,189.05

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.05	0.64	0.31	0.00	0.07	0.02	0.09	0.00	0.02	0.02		108.54		0.00		108.59
Worker	0.05	0.06	0.73	0.00	0.28	0.01	0.29	0.01	0.01	0.01		115.43		0.01		115.57
Total	0.10	0.70	1.04	0.00	0.35	0.03	0.38	0.01	0.03	0.03		223.97		0.01		224.16

3.7 Trenching2 - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.41	2.64	1.91	0.00		0.23	0.23		0.23	0.23		277.89		0.04		278.66
Total	0.41	2.64	1.91	0.00		0.23	0.23		0.23	0.23		277.89		0.04		278.66

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.02	0.02	0.22	0.00	0.04	0.00	0.04	0.00	0.00	0.00		32.19		0.00		32.23
Total	0.02	0.02	0.22	0.00	0.04	0.00	0.04	0.00	0.00	0.00		32.19		0.00		32.23

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.24	1.47	1.81	0.00		0.15	0.15		0.15	0.15	0.00	277.89		0.04		278.66
Total	0.24	1.47	1.81	0.00		0.15	0.15		0.15	0.15	0.00	277.89		0.04		278.66

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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.02	0.02	0.22	0.00	0.04	0.00	0.04	0.00	0.00	0.00		32.19		0.00		32.23
Total	0.02	0.02	0.22	0.00	0.04	0.00	0.04	0.00	0.00	0.00		32.19		0.00		32.23

3.8 Building Construction2 - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.12	26.12	16.89	0.03		1.80	1.80		1.80	1.80		2,817.54		0.37		2,825.31
Total	4.12	26.12	16.89	0.03		1.80	1.80		1.80	1.80		2,817.54		0.37		2,825.31

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.06	0.70	0.34	0.00	0.04	0.02	0.06	0.00	0.02	0.03		108.44		0.00		108.49
Worker	0.06	0.07	0.80	0.00	0.14	0.00	0.15	0.01	0.00	0.01		118.01		0.01		118.16
Total	0.12	0.77	1.14	0.00	0.18	0.02	0.21	0.01	0.02	0.04		226.45		0.01		226.65

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.66	14.69	17.49	0.03		1.29	1.29		1.29	1.29	0.00	2,817.54		0.37		2,825.31
Total	2.66	14.69	17.49	0.03		1.29	1.29		1.29	1.29	0.00	2,817.54		0.37		2,825.31

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.06	0.70	0.34	0.00	0.04	0.02	0.06	0.00	0.02	0.03		108.44		0.00		108.49
Worker	0.06	0.07	0.80	0.00	0.14	0.00	0.15	0.01	0.00	0.01		118.01		0.01		118.16
Total	0.12	0.77	1.14	0.00	0.18	0.02	0.21	0.01	0.02	0.04		226.45		0.01		226.65

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3.8 Building Construction2 - 2013

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.78	24.26	16.67	0.03		1.61	1.61		1.61	1.61		2,817.54		0.34		2,824.64
Total	3.78	24.26	16.67	0.03		1.61	1.61		1.61	1.61		2,817.54		0.34		2,824.64

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.05	0.64	0.31	0.00	0.04	0.02	0.06	0.00	0.02	0.02		108.54		0.00		108.59
Worker	0.05	0.06	0.73	0.00	0.14	0.01	0.15	0.01	0.01	0.01		115.43		0.01		115.57
Total	0.10	0.70	1.04	0.00	0.18	0.03	0.21	0.01	0.03	0.03		223.97		0.01		224.16

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.66	14.69	17.49	0.03		1.29	1.29		1.29	1.29	0.00	2,817.54		0.34		2,824.64
Total	2.66	14.69	17.49	0.03		1.29	1.29		1.29	1.29	0.00	2,817.54		0.34		2,824.64

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.05	0.64	0.31	0.00	0.04	0.02	0.06	0.00	0.02	0.02		108.54		0.00		108.59
Worker	0.05	0.06	0.73	0.00	0.14	0.01	0.15	0.01	0.01	0.01		115.43		0.01		115.57
Total	0.10	0.70	1.04	0.00	0.18	0.03	0.21	0.01	0.03	0.03		223.97		0.01		224.16

3.9 Architectural Coating - 2013

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	12.94					0.00	0.00		0.00	0.00						0.00
Off-Road	0.32	1.97	1.29	0.00		0.18	0.18		0.18	0.18		187.46		0.03		188.07
Total	13.26	1.97	1.29	0.00		0.18	0.18		0.18	0.18		187.46		0.03		188.07

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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.01	0.01	0.13	0.00	0.03	0.00	0.03	0.00	0.00	0.00		20.99		0.00		21.01
Total	0.01	0.01	0.13	0.00	0.03	0.00	0.03	0.00	0.00	0.00		20.99		0.00		21.01

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	12.94					0.00	0.00		0.00	0.00						0.00
Off-Road	0.16	0.99	1.22	0.00		0.10	0.10		0.10	0.10	0.00	187.46		0.03		188.07
Total	13.10	0.99	1.22	0.00		0.10	0.10		0.10	0.10	0.00	187.46		0.03		188.07

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.01	0.01	0.13	0.00	0.03	0.00	0.03	0.00	0.00	0.00		20.99		0.00		21.01
Total	0.01	0.01	0.13	0.00	0.03	0.00	0.03	0.00	0.00	0.00		20.99		0.00		21.01

3.10 Architectural Coating2 - 2013

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	14.79					0.00	0.00		0.00	0.00						0.00
Off-Road	0.32	1.97	1.29	0.00		0.18	0.18		0.18	0.18		187.46		0.03		188.07
Total	15.11	1.97	1.29	0.00		0.18	0.18		0.18	0.18		187.46		0.03		188.07

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.01	0.01	0.13	0.00	0.08	0.00	0.08	0.00	0.00	0.00		20.99		0.00		21.01
Total	0.01	0.01	0.13	0.00	0.08	0.00	0.08	0.00	0.00	0.00		20.99		0.00		21.01

NorthHS
Riverside-South Coast County, Summer MITIGATED

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	14.79					0.00	0.00		0.00	0.00						0.00
Off-Road	0.16	0.99	1.22	0.00		0.10	0.10		0.10	0.10	0.00	187.46		0.03		188.07
Total	14.95	0.99	1.22	0.00		0.10	0.10		0.10	0.10	0.00	187.46		0.03		188.07

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.01	0.01	0.13	0.00	0.08	0.00	0.08	0.00	0.00	0.00		20.99		0.00		21.01
Total	0.01	0.01	0.13	0.00	0.08	0.00	0.08	0.00	0.00	0.00		20.99		0.00		21.01

NorthHS
Riverside-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
High School	4.515	1000sqft
Other Asphalt Surfaces	22.75	1000sqft

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)		Utility Company	Southern California Edison
Climate Zone	10		2.4		
		Precipitation Freq (Days)			
			28		

1.3 User Entered Comments

Project Characteristics -
 Land Use - total acreage disturbed = 8.87 acres
 Construction Phase - Construction phasing and equipment provided by the District.
 Off-road Equipment - construction phasing and equipment provided by the District.CARB Staff concluded that load factors in OFFROAD are 33% too high.
 Off-road Equipment - construction phasing and equipment provided by the District.CARB Staff concluded that load factors in OFFROAD are 33% too high.
 Off-road Equipment - construction phasing and equipment provided by the District.CARB Staff concluded that load factors in OFFROAD are 33% too high.
 Off-road Equipment - construction phasing and equipment provided by the District.CARB Staff concluded that load factors in OFFROAD are 33% too high.
 Off-road Equipment - Construction equipment and phasing provided by the District (pool construction is default minus the crane)
 Off-road Equipment - construction phasing and equipment provided by the District.CARB Staff concluded that load factors in OFFROAD are 33% too high.
 Off-road Equipment - construction phasing and equipment provided by the District.CARB Staff concluded that load factors in OFFROAD are 33% too high.
 Off-road Equipment - construction phasing and equipment provided by the District.CARB Staff concluded that load factors in OFFROAD are 33% too high.
 Off-road Equipment - construction phasing and equipment provided by the District.CARB Staff concluded that load factors in OFFROAD are 33% too high.
 Grading -
 Demolition -
 Trips and VMT - Note bug in CalEEMod in the Phasing that causes repeat of rows for some complex phased projects. Deleted duplicate/triplicate trips.
 Architectural Coating - CalEEMod bug - duplicate phasing. VOC content of the paint has been adjusted because CalEEMod treats some types of pavement as
 Vehicle Trips - The project generates a net increase of 1,590 trips.
 Vehicle Emission Factors - Assumes a passenger vehicle fleet mix and some buses to account for teams.
 Vehicle Emission Factors - Assumes a passenger vehicle fleet mix and some buses to account for teams.
 Vehicle Emission Factors - Assumes a passenger vehicle fleet mix and some buses to account for teams.
 Water And Wastewater - No increase in water. Reduction from turf.
 Construction Off-road Equipment Mitigation - SCAQMD Rule 403.

NorthHS
Riverside-South Coast County, Winter

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2012	11.67	72.04	48.78	0.08	10.50	5.51	12.95	3.34	5.51	5.80	0.00	7,548.50	0.00	1.05	0.00	7,570.49
2013	20.25	46.30	34.41	0.06	0.56	3.21	3.77	0.02	3.21	3.23	0.00	5,627.79	0.00	0.65	0.00	5,641.47
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2012	11.67	72.04	48.78	0.08	5.73	5.51	8.18	1.45	5.51	5.53	0.00	7,548.50	0.00	1.05	0.00	7,570.49
2013	20.25	46.30	34.41	0.06	0.56	3.21	3.77	0.02	3.21	3.23	0.00	5,627.79	0.00	0.65	0.00	5,641.47
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.71	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Energy	0.00	0.01	0.01	0.00		0.00	0.00		0.00	0.00		13.29		0.00	0.00	13.37
Mobile	5.79	10.86	66.90	0.10	13.76	0.57	14.33	0.45	0.57	1.02		10,229.97		0.41		10,238.53
Total	6.50	10.87	66.91	0.10	13.76	0.57	14.33	0.45	0.57	1.02		10,243.26		0.41	0.00	10,251.90

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.71	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Energy	0.00	0.01	0.01	0.00		0.00	0.00		0.00	0.00		13.29		0.00	0.00	13.37
Mobile	5.79	10.86	66.90	0.10	13.76	0.57	14.33	0.45	0.57	1.02		10,229.97		0.41		10,238.53
Total	6.50	10.87	66.91	0.10	13.76	0.57	14.33	0.45	0.57	1.02		10,243.26		0.41	0.00	10,251.90

NorthHS
Riverside-South Coast County, Winter

3.0 Construction Detail

3.1 Mitigation Measures Construction

- Replace Ground Cover
- Water Exposed Area
- Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.78	0.00	1.78	0.00	0.00	0.00						0.00
Off-Road	0.41	2.64	1.91	0.00		0.23	0.23		0.23	0.23		277.89		0.04		278.66
Total	0.41	2.64	1.91	0.00	1.78	0.23	2.01	0.00	0.23	0.23		277.89		0.04		278.66

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.40	4.96	2.19	0.01	1.93	0.19	2.12	0.02	0.19	0.22		667.94		0.02		668.34
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.02	0.02	0.19	0.00	0.04	0.00	0.04	0.00	0.00	0.00		28.65		0.00		28.69
Total	0.42	4.98	2.38	0.01	1.97	0.19	2.16	0.02	0.19	0.22		696.59		0.02		697.03

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.76	0.00	0.76	0.00	0.00	0.00						0.00
Off-Road	0.41	2.64	1.91	0.00		0.23	0.23		0.23	0.23	0.00	277.89		0.04		278.66
Total	0.41	2.64	1.91	0.00	0.76	0.23	0.99	0.00	0.23	0.23	0.00	277.89		0.04		278.66

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.40	4.96	2.19	0.01	1.93	0.19	2.12	0.02	0.19	0.22		667.94		0.02		668.34
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.02	0.02	0.19	0.00	0.04	0.00	0.04	0.00	0.00	0.00		28.65		0.00		28.69
Total	0.42	4.98	2.38	0.01	1.97	0.19	2.16	0.02	0.19	0.22		696.59		0.02		697.03

NorthHS
Riverside-South Coast County, Winter

3.3 Grading - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.55	0.00	6.55	3.31	0.00	3.31						0.00
Off-Road	4.55	35.03	21.48	0.03		2.02	2.02		2.02	2.02		3,530.20		0.41		3,538.75
Total	4.55	35.03	21.48	0.03	6.55	2.02	8.57	3.31	2.02	5.33		3,530.20		0.41		3,538.75

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.10	0.96	0.00	0.20	0.01	0.20	0.01	0.01	0.01		143.25		0.01		143.44
Total	0.08	0.10	0.96	0.00	0.20	0.01	0.20	0.01	0.01	0.01		143.25		0.01		143.44

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.80	0.00	2.80	1.42	0.00	1.42						0.00
Off-Road	4.55	35.03	21.48	0.03		2.02	2.02		2.02	2.02	0.00	3,530.20		0.41		3,538.75
Total	4.55	35.03	21.48	0.03	2.80	2.02	4.82	1.42	2.02	3.44	0.00	3,530.20		0.41		3,538.75

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.10	0.96	0.00	0.20	0.01	0.20	0.01	0.01	0.01		143.25		0.01		143.44
Total	0.08	0.10	0.96	0.00	0.20	0.01	0.20	0.01	0.01	0.01		143.25		0.01		143.44

3.4 Trenching1 - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.69	5.12	3.55	0.01		0.30	0.30		0.30	0.30		597.43		0.06		598.71
Total	0.69	5.12	3.55	0.01		0.30	0.30		0.30	0.30		597.43		0.06		598.71

NorthHS
Riverside-South Coast County, Winter

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.02	0.02	0.19	0.00	0.04	0.00	0.04	0.00	0.00	0.00		28.65		0.00		28.69
Total	0.02	0.02	0.19	0.00	0.04	0.00	0.04	0.00	0.00	0.00		28.65		0.00		28.69

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.69	5.12	3.55	0.01		0.30	0.30		0.30	0.30	0.00	597.43		0.06		598.71
Total	0.69	5.12	3.55	0.01		0.30	0.30		0.30	0.30	0.00	597.43		0.06		598.71

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.02	0.02	0.19	0.00	0.04	0.00	0.04	0.00	0.00	0.00		28.65		0.00		28.69
Total	0.02	0.02	0.19	0.00	0.04	0.00	0.04	0.00	0.00	0.00		28.65		0.00		28.69

3.5 Paving - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.98	24.16	14.30	0.02		2.12	2.12		2.12	2.12		1,979.14		0.36		1,986.64
Paving	0.01					0.00	0.00		0.00	0.00						0.00
Total	3.99	24.16	14.30	0.02		2.12	2.12		2.12	2.12		1,979.14		0.36		1,986.64

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.10	0.96	0.00	0.20	0.01	0.20	0.01	0.01	0.01		143.25		0.01		143.44
Total	0.08	0.10	0.96	0.00	0.20	0.01	0.20	0.01	0.01	0.01		143.25		0.01		143.44

NorthHS
Riverside-South Coast County, Winter

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.98	24.16	14.30	0.02		2.12	2.12		2.12	2.12	0.00	1,979.14		0.36		1,986.64
Paving	0.01					0.00	0.00		0.00	0.00						0.00
Total	3.99	24.16	14.30	0.02		2.12	2.12		2.12	2.12	0.00	1,979.14		0.36		1,986.64

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.10	0.96	0.00	0.20	0.01	0.20	0.01	0.01	0.01		143.25		0.01		143.44
Total	0.08	0.10	0.96	0.00	0.20	0.01	0.20	0.01	0.01	0.01		143.25		0.01		143.44

3.6 Building Construction1 - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.26	20.04	14.46	0.02		1.52	1.52		1.52	1.52		2,183.47		0.29		2,189.61
Total	3.26	20.04	14.46	0.02		1.52	1.52		1.52	1.52		2,183.47		0.29		2,189.61

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.06	0.73	0.38	0.00	0.07	0.02	0.09	0.00	0.02	0.03		107.50		0.00		107.56
Worker	0.06	0.08	0.70	0.00	0.28	0.00	0.29	0.01	0.00	0.01		105.05		0.01		105.19
Total	0.12	0.81	1.08	0.00	0.35	0.02	0.38	0.01	0.02	0.04		212.55		0.01		212.75

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.26	20.04	14.46	0.02		1.52	1.52		1.52	1.52	0.00	2,183.47		0.29		2,189.61
Total	3.26	20.04	14.46	0.02		1.52	1.52		1.52	1.52	0.00	2,183.47		0.29		2,189.61

NorthHS
Riverside-South Coast County, Winter

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.06	0.73	0.38	0.00	0.07	0.02	0.09	0.00	0.02	0.03		107.50		0.00		107.56
Worker	0.06	0.08	0.70	0.00	0.28	0.00	0.29	0.01	0.00	0.01		105.05		0.01		105.19
Total	0.12	0.81	1.08	0.00	0.35	0.02	0.38	0.01	0.02	0.04		212.55		0.01		212.75

3.6 Building Construction1 - 2013

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.98	18.59	14.34	0.02		1.37	1.37		1.37	1.37		2,183.46		0.27		2,189.05
Total	2.98	18.59	14.34	0.02		1.37	1.37		1.37	1.37		2,183.46		0.27		2,189.05

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.05	0.66	0.36	0.00	0.07	0.02	0.09	0.00	0.02	0.02		107.59		0.00		107.65
Worker	0.05	0.07	0.64	0.00	0.28	0.01	0.29	0.01	0.01	0.01		102.73		0.01		102.86
Total	0.10	0.73	1.00	0.00	0.35	0.03	0.38	0.01	0.03	0.03		210.32		0.01		210.51

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.98	18.59	14.34	0.02		1.37	1.37		1.37	1.37	0.00	2,183.46		0.27		2,189.05
Total	2.98	18.59	14.34	0.02		1.37	1.37		1.37	1.37	0.00	2,183.46		0.27		2,189.05

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.05	0.66	0.36	0.00	0.07	0.02	0.09	0.00	0.02	0.02		107.59		0.00		107.65
Worker	0.05	0.07	0.64	0.00	0.28	0.01	0.29	0.01	0.01	0.01		102.73		0.01		102.86
Total	0.10	0.73	1.00	0.00	0.35	0.03	0.38	0.01	0.03	0.03		210.32		0.01		210.51

NorthHS
Riverside-South Coast County, Winter

3.7 Trenching2 - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.41	2.64	1.91	0.00		0.23	0.23		0.23	0.23		277.89		0.04		278.66
Total	0.41	2.64	1.91	0.00		0.23	0.23		0.23	0.23		277.89		0.04		278.66

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.02	0.02	0.19	0.00	0.04	0.00	0.04	0.00	0.00	0.00		28.65		0.00		28.69
Total	0.02	0.02	0.19	0.00	0.04	0.00	0.04	0.00	0.00	0.00		28.65		0.00		28.69

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.41	2.64	1.91	0.00		0.23	0.23		0.23	0.23	0.00	277.89		0.04		278.66
Total	0.41	2.64	1.91	0.00		0.23	0.23		0.23	0.23	0.00	277.89		0.04		278.66

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.02	0.02	0.19	0.00	0.04	0.00	0.04	0.00	0.00	0.00		28.65		0.00		28.69
Total	0.02	0.02	0.19	0.00	0.04	0.00	0.04	0.00	0.00	0.00		28.65		0.00		28.69

3.8 Building Construction2 - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.12	26.12	16.89	0.03		1.80	1.80		1.80	1.80		2,817.54		0.37		2,825.31
Total	4.12	26.12	16.89	0.03		1.80	1.80		1.80	1.80		2,817.54		0.37		2,825.31

NorthHS
Riverside-South Coast County, Winter

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.06	0.73	0.38	0.00	0.04	0.02	0.06	0.00	0.02	0.03		107.50		0.00		107.56
Worker	0.06	0.08	0.70	0.00	0.14	0.00	0.15	0.01	0.00	0.01		105.05		0.01		105.19
Total	0.12	0.81	1.08	0.00	0.18	0.02	0.21	0.01	0.02	0.04		212.55		0.01		212.75

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.12	26.12	16.89	0.03		1.80	1.80		1.80	1.80	0.00	2,817.54		0.37		2,825.31
Total	4.12	26.12	16.89	0.03		1.80	1.80		1.80	1.80	0.00	2,817.54		0.37		2,825.31

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.06	0.73	0.38	0.00	0.04	0.02	0.06	0.00	0.02	0.03		107.50		0.00		107.56
Worker	0.06	0.08	0.70	0.00	0.14	0.00	0.15	0.01	0.00	0.01		105.05		0.01		105.19
Total	0.12	0.81	1.08	0.00	0.18	0.02	0.21	0.01	0.02	0.04		212.55		0.01		212.75

3.8 Building Construction2 - 2013

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.78	24.26	16.67	0.03		1.61	1.61		1.61	1.61		2,817.54		0.34		2,824.64
Total	3.78	24.26	16.67	0.03		1.61	1.61		1.61	1.61		2,817.54		0.34		2,824.64

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.05	0.66	0.36	0.00	0.04	0.02	0.06	0.00	0.02	0.02		107.59		0.00		107.65
Worker	0.05	0.07	0.64	0.00	0.14	0.01	0.15	0.01	0.01	0.01		102.73		0.01		102.86
Total	0.10	0.73	1.00	0.00	0.18	0.03	0.21	0.01	0.03	0.03		210.32		0.01		210.51

NorthHS
Riverside-South Coast County, Winter

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.78	24.26	16.67	0.03		1.61	1.61		1.61	1.61	0.00	2,817.54		0.34		2,824.64
Total	3.78	24.26	16.67	0.03		1.61	1.61		1.61	1.61	0.00	2,817.54		0.34		2,824.64

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.05	0.66	0.36	0.00	0.04	0.02	0.06	0.00	0.02	0.02		107.59		0.00		107.65
Worker	0.05	0.07	0.64	0.00	0.14	0.01	0.15	0.01	0.01	0.01		102.73		0.01		102.86
Total	0.10	0.73	1.00	0.00	0.18	0.03	0.21	0.01	0.03	0.03		210.32		0.01		210.51

3.9 Architectural Coating - 2013

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	12.94					0.00	0.00		0.00	0.00						0.00
Off-Road	0.32	1.97	1.29	0.00		0.18	0.18		0.18	0.18		187.46		0.03		188.07
Total	13.26	1.97	1.29	0.00		0.18	0.18		0.18	0.18		187.46		0.03		188.07

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.01	0.01	0.12	0.00	0.03	0.00	0.03	0.00	0.00	0.00		18.68		0.00		18.70
Total	0.01	0.01	0.12	0.00	0.03	0.00	0.03	0.00	0.00	0.00		18.68		0.00		18.70

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	12.94					0.00	0.00		0.00	0.00						0.00
Off-Road	0.32	1.97	1.29	0.00		0.18	0.18		0.18	0.18	0.00	187.46		0.03		188.07
Total	13.26	1.97	1.29	0.00		0.18	0.18		0.18	0.18	0.00	187.46		0.03		188.07

NorthHS
Riverside-South Coast County, Winter

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.01	0.01	0.12	0.00	0.03	0.00	0.03	0.00	0.00	0.00		18.68		0.00		18.70
Total	0.01	0.01	0.12	0.00	0.03	0.00	0.03	0.00	0.00	0.00		18.68		0.00		18.70

3.10 Architectural Coating2 - 2013

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	14.79					0.00	0.00		0.00	0.00						0.00
Off-Road	0.32	1.97	1.29	0.00		0.18	0.18		0.18	0.18		187.46		0.03		188.07
Total	15.11	1.97	1.29	0.00		0.18	0.18		0.18	0.18		187.46		0.03		188.07

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.01	0.01	0.12	0.00	0.08	0.00	0.08	0.00	0.00	0.00		18.68		0.00		18.70
Total	0.01	0.01	0.12	0.00	0.08	0.00	0.08	0.00	0.00	0.00		18.68		0.00		18.70

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	14.79					0.00	0.00		0.00	0.00						0.00
Off-Road	0.32	1.97	1.29	0.00		0.18	0.18		0.18	0.18	0.00	187.46		0.03		188.07
Total	15.11	1.97	1.29	0.00		0.18	0.18		0.18	0.18	0.00	187.46		0.03		188.07

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.01	0.01	0.12	0.00	0.08	0.00	0.08	0.00	0.00	0.00		18.68		0.00		18.70
Total	0.01	0.01	0.12	0.00	0.08	0.00	0.08	0.00	0.00	0.00		18.68		0.00		18.70

NorthHS
Riverside-South Coast County, Winter

4.0 Mobile Detail

4.1 Mitigation Measures Mobile

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
lb/day											lb/day					
Mitigated	5.79	10.86	66.90	0.10	13.76	0.57	14.33	0.45	0.57	1.02			10,229.97	0.41		10,238.53
Unmitigated	5.79	10.86	66.90	0.10	13.76	0.57	14.33	0.45	0.57	1.02			10,229.97	0.41		10,238.53
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
High School	0.00	1,590.00	0.00	594,696	594,696
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	1,590.00	0.00	594,696	594,696

4.3 Trip Type Information

Land Use	Miles			Trip %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW
High School	9.50	7.30	7.30	77.80	17.20	5.00
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00

5.0 Energy Detail

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
lb/day											lb/day					
NaturalGas Mitigated	0.00	0.01	0.01	0.00		0.00	0.00		0.00	0.00			13.29	0.00	0.00	13.37
NaturalGas Unmitigated	0.00	0.01	0.01	0.00		0.00	0.00		0.00	0.00			13.29	0.00	0.00	13.37
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NorthHS
Riverside-South Coast County, Winter

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
High School	112.937	0.00	0.01	0.01	0.00		0.00	0.00		0.00	0.00		13.29		0.00	0.00	13.37
Other Asphalt Surfaces	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00	0.00	0.00
Total		0.00	0.01	0.01	0.00		0.00	0.00		0.00	0.00		13.29		0.00	0.00	13.37

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
High School	0.112937	0.00	0.01	0.01	0.00		0.00	0.00		0.00	0.00		13.29		0.00	0.00	13.37
Other Asphalt Surfaces	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00	0.00	0.00
Total		0.00	0.01	0.01	0.00		0.00	0.00		0.00	0.00		13.29		0.00	0.00	13.37

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.71	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Unmitigated	0.71	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.17					0.00	0.00		0.00	0.00						0.00
Consumer Products	0.54					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	0.71	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00

**NorthHS
Riverside-South Coast County, Winter**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.17					0.00	0.00		0.00	0.00						0.00
Consumer Products	0.54					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	0.71	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Vegetation

GHG Summary

	2013 MTons/Year	Percent of Increase
Area	0	0%
Energy	14	5%
Mobile	250	88%
Waste	3	1%
Water	0	0%
Amortized Construction Emissions	18	6%
Total All Sectors	285	1

Total construction emissions are amortized over 30 years.

CalEEMod Bug Correction for Architectural Coatings

CalEEMod treats some types of pavement as paintable surfaces with a building interior and exterior. To correct for this bug in CalEEMod the VOC content of the paint has been adjusted because the total exterior and interior building area that is painted cannot be modified at this time.

Nonresidential

40,898 Interior in CalEEMod

13,633 Exterior in CalEEMod

CalEEMod assumes total surface for painting for non-residential structures is 2 times the floor square footage and 2.7 times for

54,531 residential.

Building	4,515 sqft	2	9,030 sqft paintable surfaces
Pavement	22,750 sqft	2	45,500 sqft paintable surfaces
			54,530

percent reduction needed for correction 83%

Default VOC content 250 g/L correction: 41 g/L

CONSTRUCTION AND OPERATIONAL PHASE ASSUMPTIONS

John W. North High School - 1550 3rd Street in the City of Riverside

Campus	36.5	acres		
Project site	8.87	acres	8.3	minus courts
Student Enrollment	2,517	students		
			Home	Visitor
Existing Stadium	750	seats	750	
Proposed Stadium	3,400	seats	2,100	1,300
	2,650	increase		
Trips	1,590	net increase		
	352.159			

Existing Pool	200	seats
Proposed Pool (30X25)	200	seats

New buildings	4,515	square feet
Greening	Turf	

New tennis	11,500	sqft	total sqft	22,750
New basketball	11,250	sqft	acres	0.5

Construction: Summer 2012 through Summer 2013
Equipment list and phasing provided by the District.

Hardcourts (basketball and tennis)

	overlap with hardcourts
Grading	default equip. default
Paving	default equip. 6-8 months

Aquatic Center

	overlap with hardcourts
demo	backhoe w/ hammer 2 weeks 18,000 sqft
trenching	excavator 4 weeks
	default equip. (minus
construction	crane) 6 months
coating	default equip. default

Football stadium

(3 months after the aquatic center and hardcourts)

trenching	backhoe loader	2 months
construction (score)	crane w/ auger	2 weeks
construction (bleacher)	forklift, telehandler	3 weeks
construction	default equip.	default
coating	default equip.	default

	trips worker/day	vendor/day	haul total	haul/day
Demo	3	0	82	8.2
grading	15	0	0	
trenching 1	3	0	0	
paving	15	0	0	
building 1	11	4	0	
trenching 2	3	0	0	
Building 2	11	4	0	
coating	2	0	0	
coating 2	2	0	0	

CalEEMod Modifications to Construction Defaults

Defaults		Original	Modified
Demolition	5 Days/Week	20	20
Site Preparation	5 Days/Week	10	0
Grading	5 Days/Week	20	20
Building Construction	5 Days/Week	230	230
Paving	5 Days/Week	20	20
Architectural Coating	5 Days/Week	20	20
	Total Days	320	310

Project Construction Schedule = 15 months	Days	264
---	------	-----

Calibrated for construction schedule with overlap of building, paving, and coating

	Demolition (pool)	1	applicant	2 weeks	10
	Site Preparation		removed		0
	Trenching (pool)	2	applicant	4 weeks	22
.+3	Trenching (stadium drainage)	1	applicant	2 months	44
	Grading (basketball)	1	default calibrated		17
	Building Construction (pool)	3	applicant	6 months	132
.+3	Building Construction (stadium)	2	applicant	7 months	154
	Paving (basketball then tennis)	2	applicant	6-8 months	132
.+3	Architectural Coating	4 3	default calibrated		17
					528
	June 2011 - August 2013		months		24

Changes to the CalEEMod Defaults - Fleet Mix

Default	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH	
FleetMix	0.4594	0.10379	0.23105	0.12162	0.02132	0.00591	0.01101	0.02759	0.00057	0.00069	0.01167	0.00109	0.00429	1
Calibrated	0.4594	0.10379	0.23105									0.015		0.80925
Modified	0.56769	0.12826	0.28552	0	0	0	0	0	0	0	0	0.01854	0	1
	483	109	243	0	0	0	0	0	0	0	0	16	0	851

Assumes a passenger vehicle fleet mix and some buses to account for teams.

CalEEMod Modifications to Construction Defaults - Load Factors

Source: California Air Resources Board (CARB). 2010, September. Workshops on Information Regarding the Off-Road, Truck and Bus, Drayage Truck Regulations.

CARB Staff concluded that load factors in OFFROAD are 33% too high. CalEEMod based on OFFROAD2007.

Default Equipment Mix

PhaseName	OffRoadEquipmentType	OffRoadEquipmentUnitAmount	UsageHours	HorsePower	LoadFactor	Modified Load Factor
Demolition	Concrete/Industrial Saws	0	8	81	0.73	0.49
Demolition	Excavators	0	8	157	0.57	0.38
Demolition	Rubber Tired Dozers	0	8	358	0.59	0.40
Demolition	Tractors/Loaders/Backhoes	1	8	75	0.55	0.37
Grading	Excavators	1	8	157	0.57	0.38
Grading	Graders	1	8	162	0.61	0.41
Grading	Rubber Tired Dozers	1	8	358	0.59	0.40
Grading	Tractors/Loaders/Backhoes	3	8	75	0.55	0.37
Trenching1	Excavators	1	8	157	0.57	0.38
Paving	Pavers	2	8	89	0.62	0.42
Paving	Paving Equipment	2	8	82	0.53	0.36
Paving	Rollers	2	8	84	0.56	0.38
Building Construction1	Cranes	0	7	208	0.43	0.29
Building Construction1	Forklifts	3	8	149	0.3	0.20
Building Construction1	Generator Sets	1	8	84	0.74	0.50
Building Construction1	Tractors/Loaders/Backhoes	3	7	75	0.55	0.37
Building Construction1	Welders	1	8	46	0.45	0.30
Trenching2	Tractors/Loaders/Backhoes	1	8	75	0.55	0.37
Building Construction2	Aerial Lifts	1	8	34	0.46	0.31
Building Construction2	Cranes	1	7	208	0.43	0.29
Building Construction2	Forklifts	3	8	149	0.3	0.20
Building Construction2	Generator Sets	1	8	84	0.74	0.50
Building Construction2	Tractors/Loaders/Backhoes	3	7	75	0.55	0.37
Building Construction2	Welders	1	8	46	0.45	0.30
Architectural Coating	Air Compressors	1	6	78	0.48	0.32
Architectural Coating2	Air Compressors	1	6	78	0.48	0.32

Construction Localized Significance Thresholds - North High School

SRA No.	Acres	Source Receptor	
		Distance (meters)	Source Receptor Distance (Feet)
23	2.50	25	82

Source Receptor	Metropolitan Riverside County	Equipment	Acres/8-hr Day	Equipment Used	Acres
Distance (meters)	25	Tractors	0.5	3	1.5
NOx	187	Graders	0.5	1	0.5
CO	999	Dozers	0.5	1	0.5
PM10	8.0	Scrapers	1		0
PM2.5	4.7			Acres	2.50

	Acres	25	50	100	200	500
NOx	2	170	200	264	379	684
	3	203	234	302	415	716
		187	217	283	397	700
CO	2	883	1262	2232	5136	18947
	3	1114	1567	2634	4711	20141
		999	1415	2433	4923	19544
PM10	2	7	20	38	75	186
	3	9	27	45	82	193
		8	23	42	79	190
PM2.5	2	4	6	10	23	91
	3	5	7	12	26	96
		5	7	11	24	93
Metropolitan Riverside County						
2.50 Acres						
	25	50	100	200	500	
NOx	187	217	283	397	700	
CO	999	1415	2433	4923	19544	
PM10	8	23	42	79	190	
PM2.5	5	7	11	24	93	

Acre Below		Acre Above	
SRA No.	Acres	SRA No.	Acres
23	2	23	3
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

NOx to NO2 Conversion

Source: SCAQMD 2003. South Coast Air Quality Management District. 2003, June (Revised July 2008). Final Localized Significance Methodology.

The two principle NOx species are NO and NO2 with the vast majority (95 percent) of NOx emissions being NO. Adverse health effects are associated with NO2 and not NO.

Table 2-4: NO2-to-NOx Ratios as a Function of Downwind Distance
Downwind Distance

(Meters)	NO2/NOx Ratio
20	0.053
50	0.059
70	0.064
100	0.074
200	0.114
500	0.258
1000	0.467
2000	0.75
3000	0.9
4000	0.978
5000	1

Interpolated for within 25 Meters:

25 0.054

Demolition	
NOx from CalEEMod:	27.6 lbs/day
NOx to NO2:	1.5 lbs/day
Demolition 2	
NOx from CalEEMod:	27.6 lbs/day
NOx to NO2:	1.5 lbs/day
Building	
NOx from CalEEMod:	18.81 lbs/day
NOx to NO2:	1.0 lbs/day
Building	
NOx from CalEEMod:	16.67 lbs/day
NOx to NO2:	0.9 lbs/day
Paving	
NOx from CalEEMod:	12.56 lbs/day
NOx to NO2:	0.7 lbs/day
Coating	
NOx from CalEEMod:	1.97 lbs/day
NOx to NO2:	0.1 lbs/day
2013 overlap	
NOx from CalEEMod:	30.16 lbs/day
NOx to NO2:	1.6 lbs/day

LST Worksheet

Demolition (pool) 2012				
	NOx	CO	PM10 Total	PM2.5 Total
Category				
Fugitive Dust			0.76	0
Off-Road	2.64	1.91	0.23	0.23
Total	2.64	1.91	0.99	0.23
NOx to NO2 conversion	0.1			
Grading (basketball) 2012				
	NOx	CO	PM10 Total	PM2.5 Total
Category				
Fugitive Dust			2.8	1.42
Off-Road	35.03	21.48	2.02	2.02
Total	35.03	21.48	4.82	3.44
NOx to NO2 conversion	1.9			
Overlap Pool Demo & Basketball Grading	37.7	23.4	5.8	3.7
NOx to NO2 conversion	2.0			
Trenching (pool) 2012				
	NOx	CO	PM10 Total	PM2.5 Total
Category				
Off-Road	5.12	3.55	0.3	0.3
Total	5.12	3.55	0.3	0.3
NOx to NO2 conversion	0.3			
Overlap Pool Trenching & Basketball Grading	40.2	25.0	5.1	3.7
NOx to NO2 conversion	2.2			
Paving (basketball) 2012				
	NOx	CO	PM10 Total	PM2.5 Total
Category				
Off-Road	24.16	14.3	2.12	2.12
Paving			0	0
Total	24.2	14.3	2.12	2.12
NOx to NO2 conversion	1.3			
Overlap Pool Trenching & Basketball/Tennis Paving	29.3	17.9	2.4	2.4
NOx to NO2 conversion	1.6			
Construction (pool) 2012				
	NOx	CO	PM10 Total	PM2.5 Total
Category				
Off-Road	20.04	14.46	1.52	1.52
Total	20.04	14.46	1.52	1.52
NOx to NO2 conversion	1.1			
Overlap Pool Building & Basketball/Tennis Paving	44.2	28.8	3.6	3.6
NOx to NO2 conversion	2.4			
Construction (pool) 2013				
	NOx	CO	PM10 Total	PM2.5 Total
Category				
Off-Road	18.59	14.34	1.37	1.37
Total	18.59	14.34	1.37	1.37
NOx to NO2 conversion	1.0			
Trenching (Stadium/irrigation) 2012				
	NOx	CO	PM10 Total	PM2.5 Total
Category				
Off-Road	2.64	1.91	0.23	0.23
Total	2.64	1.91	0.23	0.23
NOx to NO2 conversion	0.1			
Overlap Pool Building & Basketball/Tennis Paving & Stadium Trenching	46.8	30.7	3.9	3.9
NOx to NO2 conversion	2.5			

Construction (stadium) 2012				
Category	NOx	CO	PM10 Total	PM2.5 Total
Off-Road	26.12	16.89	1.8	1.8
Total	26.12	16.89	1.8	1.8
NOx to NO2 conversion	1.4			
Overlap Pool Building & Basketball/Tennis Paving & Stadium Building	70.3	45.7	5.4	5.4
NOx to NO2 conversion	3.8			
Construction (stadium) 2013				
Category	NOx	CO	PM10 Total	PM2.5 Total
Off-Road	24.26	16.67	1.61	1.61
Total	24.26	16.67	1.61	1.61
NOx to NO2 conversion	1.3			
Coatings (pool) 2013				
Category	NOx	CO	PM10 Total	PM2.5 Total
Archit. Coating			0	0
Off-Road	1.97	1.29	0.18	0.18
Total	2.0	1.29	0.18	0.18
NOx to NO2 conversion	0.1			
Overlap Pool Building & Pool Coating & Stadium Building	44.8	32.3	3.2	3.2
NOx to NO2 conversion	2.4			
Coatings (stadium) 2013				
Category	NOx	CO	PM10 Total	PM2.5 Total
Archit. Coating			0	0
Off-Road	1.97	1.29	0.18	0.18
Total	2.0	1.29	0.18	0.18
NOx to NO2 conversion	0.1			
Overlap Stadium Building & Stadium Coating	26.2	18.0	1.8	1.8
NOx to NO2 conversion	1.4			
Maximum	70.32	45.65	5.81	5.44
NOx to NO2 conversion	3.8			
LST Threshold	187	999	8.00	4.70

LST Mitigated Worksheet

Demolition (pool) 2012				
Category	NOx	CO	PM10 Total	PM2.5 Total
Fugitive Dust			0.76	0
Off-Road	1.47	1.81	0.15	0.15
Total	1.47	1.81	0.91	0.15
NOx to NO2 conversion	0.1			
Grading (basketball) 2012				
Category	NOx	CO	PM10 Total	PM2.5 Total
Fugitive Dust			2.8	1.42
Off-Road	16.74	20.21	1.31	1.31
Total	16.74	20.21	4.11	2.73
NOx to NO2 conversion	0.9			
Overlap Pool Demo & Basketball Grading	18.2	22.0	5.0	2.9
NOx to NO2 conversion	1.0			
Trenching (pool) 2012				
Category	NOx	CO	PM10 Total	PM2.5 Total
Off-Road	2.73	3.89	0.23	0.23
Total	2.73	3.89	0.23	0.23
NOx to NO2 conversion	0.1			
Overlap Pool Trenching & Basketball Grading	19.5	24.1	4.3	3.0
NOx to NO2 conversion	1.1			

Paving (basketball) 2012				
Category	NOx	CO	PM10 Total	PM2.5 Total
Off-Road	10.45	12.89	1.04	1.04
Paving			0	0
Total	10.5	12.89	1.04	1.04
NOx to NO2 conversion	0.6			
Overlap Pool Trenching & Basketball/Tennis Paving	13.2	16.8	1.3	1.3
NOx to NO2 conversion	0.7			
Construction (pool) 2012				
Category	NOx	CO	PM10 Total	PM2.5 Total
Off-Road	11.36	14.31	1.06	1.06
Total	11.36	14.31	1.06	1.06
NOx to NO2 conversion	0.6			
Overlap Pool Building & Basketball/Tennis Paving	21.8	27.2	2.1	2.1
NOx to NO2 conversion	1.2			
Construction (pool) 2013				
Category	NOx	CO	PM10 Total	PM2.5 Total
Off-Road	11.36	14.31	1.06	1.06
Total	11.36	14.31	1.06	1.06
NOx to NO2 conversion	0.6			
Trenching (Stadium/irrigation) 2012				
Category	NOx	CO	PM10 Total	PM2.5 Total
Off-Road	1.47	1.81	0.15	0.15
Total	1.47	1.81	0.15	0.15
NOx to NO2 conversion	0.1			
Overlap Pool Building & Basketball/Tennis Paving & Stadium Trenching	23.3	29.0	2.3	2.3
NOx to NO2 conversion	1.3			
Construction (stadium) 2012				
Category	NOx	CO	PM10 Total	PM2.5 Total
Off-Road	14.69	17.49	1.29	1.29
Total	14.69	17.49	1.29	1.29
NOx to NO2 conversion	0.8			
Overlap Pool Building & Basketball/Tennis Paving & Stadium Building	36.5	44.7	3.4	3.4
NOx to NO2 conversion	2.0			
Construction (stadium) 2013				
Category	NOx	CO	PM10 Total	PM2.5 Total
Off-Road	14.69	17.49	1.29	1.29
Total	14.69	17.49	1.29	1.29
NOx to NO2 conversion	0.8			
Coatings (pool) 2013				
Category	NOx	CO	PM10 Total	PM2.5 Total
Archit. Coating			0	0
Off-Road	0.99	1.22	0.1	0.1
Total	1.0	1.22	0.1	0.1
NOx to NO2 conversion	0.1			
Overlap Pool Building & Pool Coating & Stadium Building	27.0	33.0	2.5	2.5
NOx to NO2 conversion	1.5			

Coatings (stadium) 2013				
Category	NOx	CO	PM10 Total	PM2.5 Total
Archit. Coating			0	0
Off-Road	0.99	1.22	0.1	0.1
Total	1.0	1.22	0.1	0.1
Overlap Stadium Building & Stadium Coating				
	15.7	18.7	1.4	1.4
NOx to NO2 conversion	0.8			
Maximum	36.5	44.69	5.02	3.39
NOx to NO2 conversion	2.0			
LST Threshold	187	999	8.00	4.70

Operation Localized Significance Thresholds - North High School

SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)
23	5.00	25	82

Source Receptor Metropolitan Riverside County

Distance (meters)	Acres	25	50	100	200	500
NOx	5	270	302	378	488	780
	5	270	302	378	488	780
CO	5	270	302	378	488	780
	5	1577	2178	3437	3860	22530
PM10	5	1577	2178	3437	3860	22530
	5	1577	2178	3437	3860	22530
PM2.5	5	4	10	14	23	50
	5	4	10	14	23	50
PM2.5	5	4	10	14	23	50
	5	2	3	4	8	26
PM2.5	5	2	3	4	8	26
	5	2	3	4	8	26

Metropolitan Riverside County

5.00 Acres		25	50	100	200	500
NOx	270	302	378	488	780	
CO	1577	2178	3437	3860	22530	
PM10	4	10	14	23	50	
PM2.5	2	3	4	8	26	

Acre Below		Acre Above	
SRA No.	Acres	SRA No.	Acres
23	5	23	5
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2010 - Table C-1. 2006 – 2008

RIVERSIDE FIRE STN 3, CALIFORNIA (047470)

Period of Record Monthly Climate Summary

Period of Record : 1/ 1/1893 to 6/30/2009

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Average Max. Temperature (F)	66.7	68.3	71.3	75.6	80.0	87.0	94.2	94.4	90.9	82.9	74.5	67.7	79.5
Average Min. Temperature (F)	39.0	41.1	43.2	46.7	51.1	54.8	59.4	59.6	56.1	49.9	42.8	39.2	48.6
Average Total Precipitation (in.)	2.03	2.20	1.85	0.77	0.23	0.05	0.04	0.13	0.19	0.44	0.84	1.47	10.24
Average Total SnowFall (in.)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Average Snow Depth (in.)	0	0	0	0	0	0	0	0	0	0	0	0	0

Percent of possible observations for period of record.

Max. Temp.: 99.4% Min. Temp.: 99.3% Precipitation: 99.5% Snowfall: 97% Snow Depth: 97%

Check [Station Metadata](#) or [Metadata graphics](#) for more detail about data completeness.

Western Regional Climate Center, wrcc@dri.edu

RIVERSIDE FIRE STN 3, CALIFORNIA

Period of Record General Climate Summary - Temperature

Station:(047470) RIVERSIDE FIRE STN 3													
From Year=1893 To Year=2009													
	Monthly Averages			Daily Extremes				Monthly Extremes				Max. Temp.	
	Max.	Min.	Mean	High	Date	Low	Date	Highest Mean	Year	Lowest Mean	Year	>= 90 F	< 32
	F	F	F	F	dd/yyyy or yyyymmdd	F	dd/yyyy or yyyymmdd	F	-	F	-	# Days	# Da.
January	66.7	39.0	52.9	94	08/1923	1	20/1911	62.4	2003	41.9	1949	0.1	0
February	68.3	41.1	54.7	94	25/1921	22	06/2003	62.6	1991	48.3	1949	0.2	0
March	71.3	43.2	57.2	102	10/1916	25	02/1903	63.9	2007	51.1	1935	0.8	0
April	75.6	46.7	61.1	105	06/1989	29	04/1970	68.4	1989	53.2	1967	2.6	0
May	80.0	51.1	65.6	110	29/1984	33	01/1915	74.6	1997	58.9	1953	4.5	0
June	87.0	54.8	70.9	118	16/1917	35	11/1894	78.8	1981	64.9	1894	11.8	0
July	94.2	59.4	76.8	118	17/1925	41	07/1948	86.0	2006	71.5	1903	24.6	0
August	94.4	59.6	77.0	113	24/1926	40	27/1902	84.3	1998	71.0	1902	24.4	0
September	90.9	56.1	73.5	115	06/1955	35	14/1902	82.0	1984	65.0	1933	17.1	0
October	82.9	49.9	66.4	109	01/1980	30	30/1971	73.5	2003	58.1	1916	8.2	0
November	74.5	42.8	58.7	99	02/1924	23	11/1950	64.7	1995	53.0	1931	1.4	0
December	67.7	39.2	53.5	94	03/1958	21	26/1911	59.3	1939	47.2	1948	0.1	0
Annual	79.5	48.6	64.0	118	19170616	1	19110120	67.8	1997	60.6	1902	95.7	0
Winter	67.6	39.8	53.7	94	19210225	1	19110120	57.8	1996	45.8	1949	0.3	0
Spring	75.6	47.0	61.3	110	19840529	25	19030302	67.6	1997	56.7	1953	7.9	0
Summer	91.9	58.0	74.9	118	19170616	35	18940611	79.7	1981	70.6	1905	60.7	0
Fall	82.8	49.6	66.2	115	19550906	23	19501111	71.3	1991	61.2	1893	26.7	0

Table updated on Mar 24, 2011

For monthly and annual means, thresholds, and sums:

Months with 5 or more missing days are not considered

Years with 1 or more missing months are not considered

Seasons are climatological not calendar seasons

Winter = Dec., Jan., and Feb. Spring = Mar., Apr., and May

Summer = Jun., Jul., and Aug. Fall = Sep., Oct., and Nov.

Appendix B.
Cultural Resources Summary Report



Appendix

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McKenna et al.

History/Archaeology/Architectural History/Ethnography/Paleontology

Jeanette A. McKenna, MA
Registered Prof. Archaeologist
Owner and Principal Investigator

August 16, 2010

THE PLANNING CENTER
Attn: Henry Kaplan
9841 Airport Blvd., Suite 1010
Los Angeles, California 90045-5409

RE: Riverside Unified School District, John W. North High School.

Mr. Kaplan:

In response to your request, McKenna et al. has completed the studies for the John W. North High School Campus and has prepared the attached letter report addressing the improvements proposed for the campus. This study was prepared in support of a Mitigated Negative Declaration (MND). This level of research meets the minimum requirements for a Phase I cultural resources investigation for CEQA compliance. In preparing this abbreviated letter report, some detailed discussions have not been presented.

Please review the attached summary report and inform me of any questions or needs for clarification you may have.

Sincerely,

Jeanette A. McKenna, Principal
McKenna et al.

A SUMMARY REPORT ON THE PROPOSED IMPROVEMENTS AT THE JOHN W. NORTH HIGH SCHOOL CAMPUS IN THE CITY OF RIVERSIDE, RIVERSIDE COUNTY, CALIFORNIA

- 1550 Third Street, Riverside, CA 92507 –

by:

Jeanette A. McKenna, Principal
McKenna et al., Whittier CA

INTRODUCTION

McKenna et al. initiated cultural resources investigations for the John W. North High School campus at 1550 Third Street, Riverside, California, at the request of The Planning Center, Los Angeles, California. These studies were completed in August, 2010, in support of a Mitigated Negative Declaration. These studies were completed by Jeanette A. McKenna (M.A.) and Kristina Lindgren (B.A.) of McKenna et al. Ms. McKenna is a Registered Professional Archaeologist (RPA) and meets the Secretary of the Interior standards for recognition as a professional cultural resource manager (Attachment 1).

PROJECT DESCRIPTION

The currently proposed project (improvements) at John W. North High School includes the modernization of the existing track, the football field (with the installation of artificial turf), improvements to the basketball and tennis courts, and pool. Proposed structures include a concession stand, restrooms, ticket booth, and covered bleachers. Solar panels will be installed at the pool, bleachers will be constructed at the track, and new lighting and a scoreboard will be added. A new gymnasium will also be constructed.

JOHN W. NORTH HIGH SCHOOL

John W. North High School (Figures 1-3) is located at 1550 Third Street, Riverside, Riverside County, California. The existing campus was established in 1965 and has an enrollment of approximately 2600 students. The school was named for the founder of Riverside, who died at the age of 75 and is buried in Riverside (d. 1890).

6008 Friends Avenue, Whittier, California 90601-3724 email = jmckena@earthlink.net
(562) 696-3852 OFFICE and FAX (562) 754-7712 CELL (480) 664-0682 AZ



Figure 1. Proposed Improvements, John W. North High School.

The core area of the campus is located in the eastern portion of the campus. The proposed improvements will be completed in the fields to the west of the core complex. The existing campus is 45 years old, rendering it too young for consideration as a significant cultural resource.

PREVIOUS RESEARCH

A standard archaeological records search was completed at the University of California, Riverside, Eastern Information Center. This research resulted in the identification of thirteen studies within a one-half mile radius of the campus (RI-2050, RI-3383, RI-3605, RI-3693, RI-4404, RI-4799, RI-4813, RI-5056, RI-5748, RI-5873, RI-6088, RI-6838, and 7169). None of these studies involved the school site.

As a result of the studies listed above, a total of twenty-seven cultural resources have been identified within one half mile of the project area (Table 1). The majority of these resources were recorded as a result of investigations for a proposed school site southeast of University Avenue and Ottawa Avenue (McKenna 2005).



Figure 2. Aerial Overview of John W. North High School, Riverside, California.

The Peter Weber Residence at 1510 University Avenue was evaluated and determined to be eligible for listing in the National Register of Historic Places. It has not yet been listed.

A review of historic maps showed the school site was associated with at least three structures (residences) prior to the redevelopment in ca. 1965. These residences were illustrated along the Third Street frontage and Chicago Avenue. There is a potential for historic archaeological resources in these three locations (the upper baseball fields).

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 (562) 696-3852 OFFICE and FAX (562) 754-7712 CELL (480) 664-0682 AZ

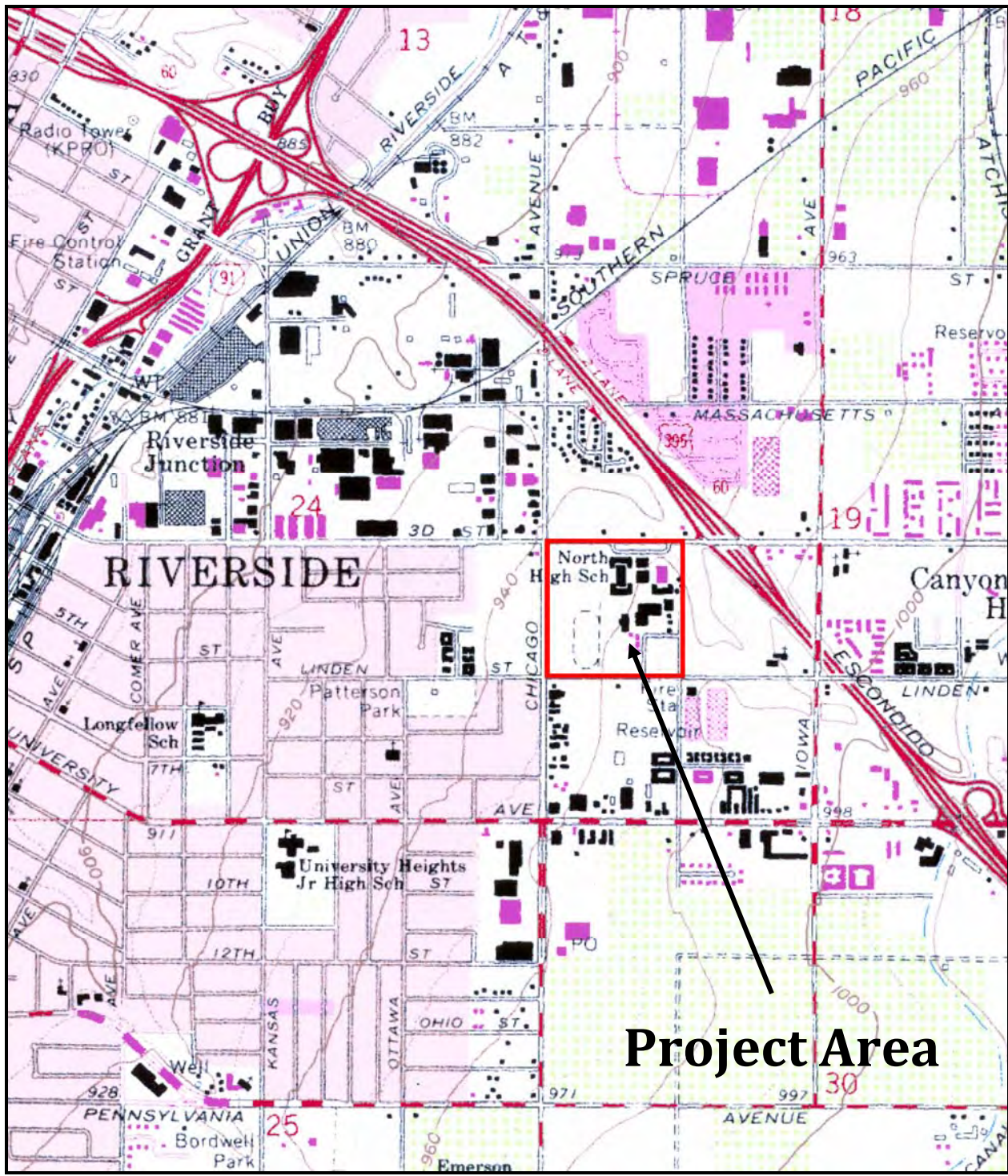


Figure 3. Specific Location of the Project Area.

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Table 1. Resources Identified within One Half Mile of John W. North High School.

Site No.	Citation	Description	Location
33-009691	Kneisel et al. (1985)	Peter Weber House	Outside
		1510 University Avenue	
		Riverside City Landmark #52	
33-009774	Ashkar (1999)	Southern Pacific Railroad	Outside
33-015155	McKenna (2005)	1886 University Avenue	Outside
33-015156	McKenna (2005)	3870 Ottawa Avenue	Outside
33-015157	McKenna (2005)	1810 University Avenue	Outside
33-015158	McKenna (2005)	3912 Ottawa Avenue	Outside
33-015159	McKenna (2005)	3940 Ottawa Avenue	Outside
33-015160	McKenna (2005)	1878 Ninth Street	Outside
33-015161	McKenna (2005)	1870 Ninth Street	Outside
33-015162	McKenna (2005)	1860 Ninth Street	Outside
33-015163	McKenna (2005)	1842 Ninth Street	Outside
33-015167	McKenna (2005)	1832 Ninth Street	Outside
33-015168	McKenna (2005)	1830 Ninth Street	Outside
33-015169	McKenna (2005)	1822 Ninth Street	Outside
33-015170	McKenna (2005)	1806 Ninth Street	Outside
33-015171	McKenna (2005)	3972 Ottawa Avenue	Outside
33-015172	McKenna (2005)	3982 Ottawa Avenue	Outside
33-015173	McKenna (2005)	1847 Tenth Street	Outside
33-015174	McKenna (2005)	1839 Tenth Street	Outside
33-015175	McKenna (2005)	1831 Tenth Street	Outside
33-015176	McKenna (2005)	1821 Tenth Street	Outside
33-015177	McKenna (2005)	4016-4038 Ottawa Avenue	Outside
33-015178	McKenna (2005)	1886 Tenth Street	Outside
33-015179	McKenna (2005)	1870 Tenth Street	Outside
33-015180	McKenna (2005)	1862 Tenth Street	Outside
33-015181	McKenna (2005)	1854 Tenth Street	Outside
33-015182	McKenna (2005)	1842 Tenth Street	Outside

A review of data provided by the Los Angeles County Museum of Natural History (McLeod 2004 and 2007; on file, McKenna et al.) has identified this general area as consisting of Quaternary alluvial deposits ranging in age from the late Pleistocene to the Holocene (older and younger alluvium). Shallow deposits in this area are not likely to yield evidence of fossil specimens. However, deeper deposits of older Quaternary alluvium may, in fact, yield such evidence. At this time, it is not likely that fossils will be present or identified within the project area, but should significant excavations be needed, care should be taken to protect, recover, and analyze any paleontological specimens that may be uncovered.

McKenna et al. contacted the Native American Heritage Commission to inquire into the known presence/absence of Native American sacred or religious sites in the area. Results noted no evidence of any such resources and no listings for any such resources. It is unlikely that such resources will be present within the project area. If, however, potentially sacred or religious artifacts are identified within the project area, the Most Likely Descendant (MLD) for the local Native American community must be notified and permitted to consult with respect to the disposition of the resources.

CONCLUSION AND RECOMMENDATIONS

The currently proposed improvements to the John W. North High School campus in the City of Riverside are limited to improvements within the existing sports complex and will not involve any alterations to the existing campus complex. The school was constructed in 1965 and, therefore, is not considered historically significant. McKenna et al. completed these studies in August of 2010 and concluded the only sensitive areas of the campus for cultural resources are along Third Street and Chicago Avenue (the northern baseball fields), where early residences were once present. It is unlikely resources will be identified. However, McKenna et al. recommends the School District be aware of this potential and have an archaeological consultant on-call to assess any cultural resources that may be uncovered as a result of the proposed campus improvements. If evidence of Native American resources is uncovered, a local Native American representative should be consulted to assist in the accurate recordation and recovery of the resource(s). If, at any time, evidence of human remains is identified, the County Coroner must be notified and all protocols followed.

Supplemental information is attached to this letter report. Questions regarding the information provided in this letter report should be directed to the author, Jeanette A. McKenna, at McKenna et al., Whittier, California.

Jeanette A. McKenna, Principal, McKenna et al.

Date

ATTACHMENT 1:

Professional Qualifications

JEANETTE A. McKENNA

Owner and Principal Investigator

McKenna et al., Whittier CA

Ms. McKenna specializes in the field of Cultural Resource Management: prehistoric archaeology, historic archaeology, and history. She is a past member of the Board of Directors for the Society of Professional Archaeologists (SOPA 1993-97) and was certified by the Society to conduct both prehistoric and historic archaeological studies. Ms. McKenna was on the Board of Directors for SOPA when the Society established the Registry of Professional Archaeologists (RPA) and has been a Registered Professional Archaeologist since 1998. Ms. McKenna has over 33 years of professional experience as an archaeologist/cultural resource manager and has participated on over 1500 projects. The majority of her work has been conducted as a Field Director, Project Manager, and/or Principal Investigator throughout California and the Greater Southwest.

TECHNICAL CAPABILITIES

- Vast experience in the greater Southwest, Great Basin, and Southern California regions. Familiar with the full range of cultural resource investigations and has completed projects within the public and private sectors, including environmental management firms, planning and engineering firms, and State and federal agencies.
- Active in the discipline of Cultural Resource Management since 1976; over 30 years of professional experience in Southern California, Arizona, and Nevada.
- Particular interest in the desert regions of California and Arizona, with specializations in the Proto-historic and Historic Contact Periods.
- Considerable experience in dealing with prehistoric cultural remains and working directly with Native American groups in archaeological training programs (through Arizona State University and the Southern California Indian Center, Garden Grove).

EDUCATION AND AFFILIATIONS

B.A., Anthropology, 1977, CSU Fullerton
M.A., Anthropology, 1982, CSU Fullerton
Lambda Alpha Lambda Honors Society
Post Graduate Studies, Arizona St. Univ., 1982-85
Post Graduate Studies, UC Riverside, 1991-92
Certification Program: CEQA, Land Use and Environmental Planning, UC Riverside, 1997-98
Society of Professional Archaeologists (SOPA)
Certification: Field/ Prehistoric Archaeology and Historical Archaeology (1984 to Present)
Registry of Professional Archaeologists (RPA)
Board of Directors, Society of Professional Archaeologists 1993-1997 (American Society of Conservation Archaeologists Representative)
BLM California Permit
BLM Arizona State Permit
Riverside County Registration No. 161
Arizona State Museum Antiquities Permit (renewable)
Curation Agreement, San Bernardino County Museum AND Arizona State University

SELECTED PROJECT EXPERIENCE

- Historic Architectural Studies for Renovation and Restoration of the Greek Theatre, Los Angeles CA
- Evaluation of Cultural Resources within the Burbank and West Hollywood Redevelopment Project Areas, Los Angeles County, CA
- Historic Property Survey for the City of Whittier, Los Angeles County, CA
- Archaeological Investigations and Resource Evaluations for the Proposed Cajon Pipeline, San Bernardino and Los Angeles Counties, CA
- Archaeological Class I Investigations for the Proposed Mojave Pipeline, San Bernardino County, CA
- Cultural Resources Investigations (Phases I, II, III, and Mitigation Monitoring) for the RIX/SARI Projects, Santa Ana Watershed Project Authority (SAWPA), San Bernardino and Riverside Counties, CA
- Phase I, II, and III Archaeological Investigations for the County Sanitation Districts of Los Angeles County, Puente Hills Landfill Solid Waste Management Facility Expansion Project, Whittier, CA
- Archaeological Mitigation Program, The Phoenix Indian School Track Site Project. Arizona State University Office of Cultural Resource Management and the Bureau of Indian Affairs, Phoenix, AZ
- Archaeological and Testing Program for the Hidden Valley Golf Course and Van Buren Golf Course Properties, Riverside County, CA
- Cultural Resources Overview Studies for the Annexation of Unincorporated County Lands to the City of Ontario, CA
- Historic Property Survey Reports: Warner Bros. Main Lot Ranch Lot Properties, Burbank, CA
- Historic Archaeological Investigations for L.A. County Sheriff's Facility, Lancaster, CA.

ATTACHMENT 2:

Archaeological Records Search

EASTERN INFORMATION CENTER

CALIFORNIA HISTORICAL RESOURCES INFORMATION SYSTEM

Department of Anthropology, University of California, Riverside, CA 92521-0418

(951) 827-5745 - Fax (951) 827-5409 - eickw@ucr.edu

Inyo, Mono, and Riverside Counties

August 10, 2010
EIC-RIV-ST-1053

Jeanette A. McKenna
McKenna et al.
6008 Friends Avenue
Whittier, CA 90601

Re: Cultural Resources Records Search for the North High School Project (McKenna et al Job# 1497)

Dear Ms. McKenna:

We received your request on July 23, 2010 and correct scale map on July 29, 2010, for a cultural resources records search for the North High School project located in Section 19, T.2S, R.4W, SBBM, in the City of Riverside in Riverside County. We have reviewed our site records, maps, and manuscripts against the location map you provided.

Our records indicate that ten cultural resources studies have been conducted within a half-mile radius of your project area. No studies involved the project area. Three additional studies provide overviews of cultural resources in the general project vicinity. All of these reports are listed on the attachment entitled "Eastern Information Center Report Listing" and are available upon request at 15¢/page plus \$40/hour.

No cultural resources properties are recorded within the boundaries of the project area. Our records indicate that 27 properties have been recorded within a half-mile radius of the project area. Copies of the records are included for your reference.

The above information is reflected on the enclosed maps. Areas that have been surveyed are highlighted in yellow; slashes highlighted in yellow indicate a non-systematic survey; pencil line slashes indicate a consultant records search report. Numbers marked in blue ink refer to the report number (RI #). Cultural resources properties are marked in red; numbers in black refer to Trinomial designations, those in green to Primary Number designations. National Register properties are indicated in light blue.

Additional sources of information consulted are identified below.

Jeanette A. McKenna
August 10, 2010
Page 2

National Register of Historic Places: no listed properties are located within the boundaries of the project area.

Office of Historic Preservation (OHP), Archaeological Determinations of Eligibility (ADOE): no listed properties are located within the boundaries of the project area.

Office of Historic Preservation (OHP), Directory of Properties in the Historic Property Data File (HPD): one property (33-009691 Weber, Peter J., House) is listed as eligible for inclusion on the National Register of Historic Places. The applicable portion of this directory is enclosed for your study needs.

Note: not all properties in the California Historical Resources Information System are listed in the OHP ADOE and HPD; the ADOE and HPD comprise lists of properties submitted to the OHP for review.

Copies of the relevant portions of the 1901 and 1942 USGS Riverside 15' and the 1901 USGS Elsinore 30' topographic maps are included for your reference.

As the Information Center for Riverside County, it is necessary that we receive a copy of all cultural resources reports and site information pertaining to this county in order to maintain our map and manuscript files. Confidential information provided with this records search regarding the location of cultural resources outside the boundaries of your project area should not be included in reports addressing the project area.

Sincerely,


Michael P. Loyd
Information Officer

Enclosures

Eastern Information Center Report Listing

Report No.	Year	Author(s)	Title	Affiliation	Pages	Resources	Survey	Acreeage	Monitoring
RI-02050	1985	PERAULT, GORDON	PRELIMINARY HISTORIC INVENTORY - MARCH AIR FORCE BASE, CALIFORNIA	FIELDS AND SILVERMAN ARCHITECTS	132	0	640.00	0.00	0.00
RI-03383	1991	PADON, BETH	HISTORIC PROPERTY CLEARANCE REPORT FOR THE PROPOSED ACQUISITION OF TWO PARCELS IN SOUTHEAST AND SOUTHWEST QUADRANTS OF ROUTE 60/91/215 INTERCHANGE. SUPPLEMENT TO OCTOBER 11, 1991, HISTORIC PROPERTY CLEARANCE REPORT.	LSA ASSOCIATES, INC.	36	2	6.00	0.00	0.00
RI-03605	1993	WLODARSKI, ROBERT J.	DRAFT REPORT: AN ARCHAEOLOGICAL SURVEY REPORT DOCUMENTING THE EFFECTS OF THE RCIC I-215 IMPROVEMENT PROJECT IN MORENO VALLEY, RIVERSIDE COUNTY, TO ORANGE SHOW ROAD IN THE CITY OF SAN BERNARDINO, SAN BERNARDINO COUNTY, CALIFORNIA.	HISTORICAL, ENVIRONMENTAL, ARCHAEOLOGICAL RESEARCH TEAM, Calabasas, CA	117	7	~45.73	0.00	0.00
RI-03693	1991	FOSTER, JOHN M., JAMES J. SCHMIDT, CARMEN A. WEBER, GWENDOLYN R. ROMANI, and ROBERTA S. GREENWOOD	CULTURAL RESOURCE INVESTIGATION: INLAND FEEDER PROJECT, METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA	GREENWOOD & ASSOCIATES	204	10	951.00	0.00	0.00
RI-04404	2000	JONES AND STOKES ASSOCIATES, INC.	FINAL CULTURAL RESOURCES INVENTORY REPORT FOR THE WILLIAMS COMMUNICATIONS, INC., FIBER OPTIC CABLE SYSTEM INSTALLATION PROJECT, RIVERSIDE TO SAN DIEGO, CALIFORNIA VOL I-IV.	JONES AND STOKES ASSOCIATES, INC.	252	20	12.00	0.00	0.00
RI-04799	2004	WLODARSKI, ROBERT J.	A PHASE I ARCHAEOLOGICAL STUDY FOR TELACU HOUSING-RIVERSIDE, INC., 1807 11TH STREET, CITY OF RIVERSIDE, COUNTY OF RIVERSIDE, CALIFORNIA	HISTORICAL, ENVIRONMENTAL, ARCHAEOLOGICAL, RESEARCH, TEAM	12	0	-5.00	0.00	0.00
RI-04813	1993	NATIONAL PARK SERVICE, HAER	CALIFORNIA CITRUS HERITAGE RECORDING PROJECT: PHOTOGRAPHS, WRITTEN HISTORICAL AND DESCRIPTIVE DATA, REDUCED COPIES OF MEASURED DRAWINGS FOR: ARLINGTON HEIGHT CITRUS LANDSCAPE, GAGE IRRIGATION CANAL, NATIONAL ORANGE COMPANY PACKING HOUSE, VICTORIA BRIDGE, AND UNION PACIFIC RAILROAD BRIDGE	NATIONAL PARK SERVICE, HISTORIC AMERICAN ENGINEERING RECORD	307	3	0.00	0.00	0.00

Eastern Information Center Report Listing

Report No.	Year	Author(s)	Title	Affiliation	Pages	Resources	Survey	Monitoring	Acreage
RI-05056	2003	MCKENNA ET AL.	A PHASE I CULTURAL RESOURCES INVESTIGATION FOR THE PROPOSED CORONA FEEDER MASTER PLAN PROJECT AREA, RIVERSIDE COUNTY, CALIFORNIA	MCKENNA ET AL	176	4	31.10	0.00	
RI-05748	2003	DOAN, UYEN K., MICHAEL HOGAN, and BAI TANG	ARCHAEOLOGICAL SENSITIVITY ASSESSMENT: HUNTER PARK REDEVELOPMENT PLAN AMENDMENT, CITY OF RIVERSIDE, RIVERSIDE COUNTY, CALIFORNIA	CRM TECH	31	6	0.00	0.00	
RI-05873	2002	LOVE, BRUCE, BAI TANG, MICHAEL HOGAN, and MARIAM DAHDUL	CULTURAL RESOURCES TECHNICAL REPORT, UCR LONG RANGE DEVELOPMENT PLAN	CRM TECH	28	6	1300.00	0.00	
RI-06088	1998	BRICKER, DAVID	FIRST SUPPLEMENTAL HISTORIC PROPERTY SURVEY REPORT FOR THE IMPROVEMENT OF INTERSTATE ROUTE 215/STATE ROUTE 91/ STATE ROUTE 60, RIVERSIDE COUNTY, CA	CALTRANS- DISTRICT 8	124	30	0.00	0.00	
RI-06838	2006	McKenna, Jeanette A., Kristina Lindgren, and Dartene Hair	A Phase I Cultural Resources Investigation and Historic Building Survey for the Proposed New Eastside Elementary School Site in Riverside, Riverside County, California	McKenna et al.	201	24	0.00	0.00	
RI-07169	2004	Rod McLean	Request for SHPO Review of FCC Undertaking (SB-304-02, 1995 University Avenue, Riverside, CA 92507)	LSA Associates, Inc., Irvine, CA	29	0	-0.25	0.00	

California Register of Historical Resources

This listing contains all resources in the selected region that are listed in the California Register of Historical Resources, in addition to other resources that are not presently listed. In order to determine which resources are currently listed in the California Register, refer to the columns labeled CHL# and NRS.

If there is a number listed under CHL# **and** if that number is 770 or higher . . .

OR

If there is a derivative of the rankings 1 **or** 2 under the NRS column . . .

then that resource has automatically been listed in the California Register.

Those resources with a derivative of the rankings 3, 4 and 5 in the NRS column may be eligible for the California Register and should be evaluated against the California Register criteria below to determine if they should be taken into consideration under the California Environmental Quality Act and are therefore subject to environmental review.

California Register Criteria

An historical resource must be significant at the local, state, or national level, under one or more of the following four criteria:

- (1) It is associated with events that have made a significant contribution to the broad patterns of local or regional history, or the cultural heritage of California or the United States;
- (2) It is associated with the lives of persons important to local, California, or national history;
- (3) It embodies the distinctive characteristics of a type, period, region, or method or construction, or represents the work of a master, or possesses high artistic values; or
- (4) It has yielded, or has the potential to yield, information important to the prehistory or history of the local area, California, or the nation.

California Historical Resource Status Codes

1 Properties listed in the National Register (NR) or the California Register (CR)

- 1D Contributor to a district or multiple resource property listed in NR by the Keeper. Listed in the CR.
- 1S Individual property listed in NR by the Keeper. Listed in the CR.

- 1CD Listed in the CR as a contributor to a district or multiple resource property by the SHRC
- 1CS Listed in the CR as individual property by the SHRC.
- 1CL Automatically listed in the California Register – Includes State Historical Landmarks 770 and above and Points of Historical Interest nominated after December 1997 and recommended for listing by the SHRC.

2 Properties determined eligible for listing in the National Register (NR) or the California Register (CR)

- 2B Determined eligible for NR as an individual property and as a contributor to an eligible district in a federal regulatory process. Listed in the CR.
- 2D Contributor to a district determined eligible for NR by the Keeper. Listed in the CR.
- 2D2 Contributor to a district determined eligible for NR by consensus through Section 106 process. Listed in the CR.
- 2D3 Contributor to a district determined eligible for NR by Part I Tax Certification. Listed in the CR.
- 2D4 Contributor to a district determined eligible for NR pursuant to Section 106 without review by SHPO. Listed in the CR.
- 2S Individual property determined eligible for NR by the Keeper. Listed in the CR.
- 2S2 Individual property determined eligible for NR by a consensus through Section 106 process. Listed in the CR.
- 2S3 Individual property determined eligible for NR by Part I Tax Certification. Listed in the CR.
- 2S4 Individual property determined eligible for NR pursuant to Section 106 without review by SHPO. Listed in the CR.

- 2CB Determined eligible for CR as an individual property and as a contributor to an eligible district by the SHRC.
- 2CD Contributor to a district determined eligible for listing in the CR by the SHRC.
- 2CS Individual property determined eligible for listing in the CR by the SHRC.

3 Appears eligible for National Register (NR) or California Register (CR) through Survey Evaluation

- 3B Appears eligible for NR both individually and as a contributor to a NR eligible district through survey evaluation.
- 3D Appears eligible for NR as a contributor to a NR eligible district through survey evaluation.
- 3S Appears eligible for NR as an individual property through survey evaluation.

- 3CB Appears eligible for CR both individually and as a contributor to a CR eligible district through a survey evaluation.
- 3CD Appears eligible for CR as a contributor to a CR eligible district through a survey evaluation.
- 3CS Appears eligible for CR as an individual property through survey evaluation.

4 Appears eligible for National Register (NR) or California Register (CR) through other evaluation

- 4CM Master List - State Owned Properties – PRC §5024.

5 Properties Recognized as Historically Significant by Local Government

- 5D1 Contributor to a district that is listed or designated locally.
- 5D2 Contributor to a district that is eligible for local listing or designation.
- 5D3 Appears to be a contributor to a district that appears eligible for local listing or designation through survey evaluation.

- 5S1 Individual property that is listed or designated locally.
- 5S2 Individual property that is eligible for local listing or designation.
- 5S3 Appears to be individually eligible for local listing or designation through survey evaluation.

- 5B Locally significant both individually (listed, eligible, or appears eligible) and as a contributor to a district that is locally listed, designated, determined eligible or appears eligible through survey evaluation.

6 Not Eligible for Listing or Designation as specified

- 6C Determined ineligible for or removed from California Register by SHRC.
- 6J Landmarks or Points of Interest found ineligible for designation by SHRC.
- 6L Determined ineligible for local listing or designation through local government review process; may warrant special consideration in local planning.
- 6T Determined ineligible for NR through Part I Tax Certification process.
- 6U Determined ineligible for NR pursuant to Section 106 without review by SHPO.
- 6W Removed from NR by the Keeper.
- 6X Determined ineligible for the NR by SHRC or Keeper.
- 6Y Determined ineligible for NR by consensus through Section 106 process – Not evaluated for CR or Local Listing.
- 6Z Found ineligible for NR, CR or Local designation through survey evaluation.

7 Not Evaluated for National Register (NR) or California Register (CR) or Needs Reevaluation

- 7J Received by OHP for evaluation or action but not yet evaluated.
- 7K Resubmitted to OHP for action but not reevaluated.
- 7L State Historical Landmarks 1-769 and Points of Historical Interest designated prior to January 1998 – Needs to be reevaluated using current standards.
- 7M Submitted to OHP but not evaluated - referred to NPS.
- 7N Needs to be reevaluated (Formerly NR Status Code 4)
- 7N1 Needs to be reevaluated (Formerly NR SC4) – may become eligible for NR w/restoration or when meets other specific conditions.
- 7R Identified in Reconnaissance Level Survey: Not evaluated.
- 7W Submitted to OHP for action – withdrawn.

PROPERTY-NUMBER	PRIMARY-#	STREET-ADDRESS	NAMES	CITY	OWN	YR-C	OHP-PROG	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT
170610		8622 TREY AVE		RIVERSIDE	P	1942	HIST.SURV.	2517-1981-0000	10/15/07	6Z	
150431		5230 TROTH ST		RIVERSIDE	P	1937	HIST.RES.	DOE-33-04-0027-0000	10/05/04	6Y	
				RIVERSIDE			PROJ.REVW.	HUD04097R	10/05/04	6Y	
163599		4951 TULSA AVE		RIVERSIDE	P	1930	PROJ.REVW.	HUD061030E	10/30/06	6Y	
176641		3881 TWINING ST		RIVERSIDE	P	1944	PROJ.REVW.	HUD090722C	08/17/09	6Y	
163224		4026 TWINING ST		RIVERSIDE	P	1930	PROJ.REVW.	HUD060913D	09/14/06	6Y	
128849		4151 TWINING ST		RIVERSIDE	P	1920	HIST.RES.	DOE-33-01-0016-0000	09/28/01	6Y	
				RIVERSIDE			PROJ.REVW.	HUD010820F	09/28/01	6Y	
082576		5845 TYLER ST		RIVERSIDE	P	1930	PROJ.REVW.	HUD930527B	07/01/93	6Y	
090951		UC RIVERSIDE CAMPUS	CITRUS EXPERIMENT STATION	RIVERSIDE	S	1906	HIST.RES.	SPHI-RIV-028	06/06/69	7L	
132924		1510 UNIVERSITY AVE	WEBER, PETER J., HOUSE	RIVERSIDE	P	1932	HIST.RES.	DOE-33-86-0003-0000	06/19/86	2S	C
132929		1510 UNIVERSITY AVE	WEBER SHED	RIVERSIDE	P	1954	HIST.RES.	DOE-33-86-0004-0000	06/19/86	6Y	
140381		1910 UNIVERSITY AVE		RIVERSIDE	P	1954	PROJ.REVW.	FHWA041006A	10/24/04	6Y	
				RIVERSIDE			HIST.SURV.	2517-0135-0000	06/05/03	7R	
140382		1911 UNIVERSITY AVE		RIVERSIDE	P	1951	PROJ.REVW.	FHWA041006A	10/24/04	6Y	
				RIVERSIDE			HIST.SURV.	2517-0136-0000	06/05/03	7R	
140383		1940 UNIVERSITY AVE		RIVERSIDE	P	1965	HIST.SURV.	2517-0137-0000	06/05/03	7R	
140384		1947 UNIVERSITY AVE		RIVERSIDE	P	1991	HIST.SURV.	2517-0138-0000	06/05/03	7R	
140385		1953 UNIVERSITY AVE	TINA'S MEXICAN FOOD	RIVERSIDE	P	1930	PROJ.REVW.	FHWA041006A	10/24/04	6Y	
				RIVERSIDE			HIST.SURV.	2517-0139-0000	06/05/03	7R	
140386		1970 UNIVERSITY AVE		RIVERSIDE	P	1975	HIST.SURV.	2517-0140-0000	06/05/03	7R	
140387		1971 UNIVERSITY AVE		RIVERSIDE	P	1957	HIST.SURV.	2517-0141-0000	06/05/03	7R	
140388		1995 UNIVERSITY AVE		RIVERSIDE	P	1960	HIST.SURV.	2517-0142-0000	06/05/03	7R	
140389		2005 UNIVERSITY AVE		RIVERSIDE	P	1958	HIST.SURV.	2517-0143-0000	06/05/03	7R	
140390		2039 UNIVERSITY AVE	WILLIAM MORGAN HOUSE	RIVERSIDE	P	1910	PROJ.REVW.	FHWA041006A	10/24/04	6Y	
				RIVERSIDE			HIST.SURV.	2517-0144-0000	06/05/03	5S1	
140391		2055 UNIVERSITY AVE		RIVERSIDE	P	1958	HIST.SURV.	2517-0145-0000	06/05/03	7R	
072355		2060 UNIVERSITY AVE	UNIVERSITY HEIGHTS JUNIOR HIGH SCH	RIVERSIDE	M	1928	HIST.RES.	2517-0146-0000	06/05/03	1S	AC
				RIVERSIDE			HIST.RES.	NPS-93000547-0000	06/24/93	1S	AC
				RIVERSIDE			NAT.REG.	33-0031	06/24/93	3S	AC
140392		2093 UNIVERSITY AVE		RIVERSIDE	P	1987	HIST.SURV.	2517-0147-0000	06/05/03	7R	
140393		2100 UNIVERSITY AVE		RIVERSIDE	P	1970	HIST.SURV.	2517-0148-0000	06/05/03	7R	
140394		2115 UNIVERSITY AVE		RIVERSIDE	P	1981	HIST.SURV.	2517-0149-0000	06/05/03	7R	
140395		2140 UNIVERSITY AVE		RIVERSIDE	P	1957	HIST.SURV.	2517-0150-0000	06/05/03	7R	
140396		2147 UNIVERSITY AVE		RIVERSIDE	P	1962	HIST.SURV.	2517-0151-0000	06/05/03	7R	
140397		2167 UNIVERSITY AVE		RIVERSIDE	P	1985	HIST.SURV.	2517-0152-0000	06/05/03	7R	
140398		2200 UNIVERSITY AVE		RIVERSIDE	P	1976	HIST.SURV.	2517-0153-0000	06/05/03	7R	
140399		2211 UNIVERSITY AVE	LAWTON'S BAIL BONDS, FIRE STATION	RIVERSIDE	P	1937	PROJ.REVW.	FHWA041006A	10/24/04	2S2	
				RIVERSIDE			HIST.SURV.	2517-0154-0000	06/05/03	5S1	
140400		2227 UNIVERSITY AVE	ROBERT BUCHANAN HOUSE	RIVERSIDE	P	1908	PROJ.REVW.	FHWA041006A	10/24/04	6Y	
				RIVERSIDE			HIST.SURV.	2517-0155-0000	06/05/03	5S1	
140401		2242 UNIVERSITY AVE		RIVERSIDE	P	1966	HIST.SURV.	2517-0156-0000	06/05/03	7R	
140402		2243 UNIVERSITY AVE	ALEX BUCHANAN HOUSE	RIVERSIDE	P	1910	PROJ.REVW.	FHWA041006A	10/24/04	6Y	
				RIVERSIDE			HIST.SURV.	2517-0157-0000	06/05/03	5S1	
140403		2259 UNIVERSITY AVE	HEARTBREAK TATTOO	RIVERSIDE	P	1921	PROJ.REVW.	FHWA041006A	10/24/04	6Y	
				RIVERSIDE			HIST.SURV.	2517-0158-0000	06/05/03	7R	
140404		2291 UNIVERSITY AVE		RIVERSIDE	P	1946	PROJ.REVW.	FHWA041006A	10/24/04	6Y	
				RIVERSIDE			HIST.SURV.	2517-0159-0000	06/05/03	7R	
140405		2337 UNIVERSITY AVE		RIVERSIDE	P	1949	HIST.SURV.	2517-0160-0000	06/05/03	7R	
140406		2348 UNIVERSITY AVE		RIVERSIDE	P	1900	HIST.SURV.	2517-0161-0000	06/05/03	7R	
140407		2351 UNIVERSITY AVE		RIVERSIDE	P	1945	HIST.SURV.	2517-0162-0000	06/05/03	7R	
140408		2360 UNIVERSITY AVE		RIVERSIDE	P	1930	HIST.SURV.	2517-0163-0000	06/05/03	6L	
140473		2371 UNIVERSITY AVE		RIVERSIDE	P	1974	HIST.SURV.	2517-0164-0000	06/05/03	7R	
140474		2378 UNIVERSITY AVE		RIVERSIDE	P	1904	HIST.SURV.	2517-0165-0000	06/05/03	5S1	
140475		2392 UNIVERSITY AVE		RIVERSIDE	P	1904	HIST.SURV.	2517-0166-0000	06/05/03	6L	

Eastern Information Center Resource Listing

Primary No.	Trinomial	Other IDs	Reports
P-33-009691			
P-33-009774			RI-04404, RI-05056, RI-07924
P-33-015155			
P-33-015156			RI-06838
P-33-015157			RI-06838
P-33-015158			RI-06838
P-33-015159			RI-06838
P-33-015160			RI-06838
P-33-015161			RI-06838
P-33-015162			RI-06832, RI-06838
P-33-015163			RI-06832, RI-06838
P-33-015167			RI-06838
P-33-015168			RI-06838
P-33-015169			RI-06838
P-33-015170			RI-06838
P-33-015171			RI-06838
P-33-015172			RI-06838
P-33-015173			RI-06838
P-33-015174			RI-06838
P-33-015175			RI-06838
P-33-015176			RI-06838
P-33-015177			RI-06838
P-33-015178			RI-06838
P-33-015179			RI-06838
P-33-015180			RI-06838
P-33-015181			RI-06838
P-33-015182			RI-06838

ATTACHMENT 3:
Native American Consultation

McKenna et al.

History/Archaeology/Architectural History/Ethnography/Paleontology

Jeanette A. McKenna, MA
Registered Prof. Archaeologist
Owner and Principal Investigator

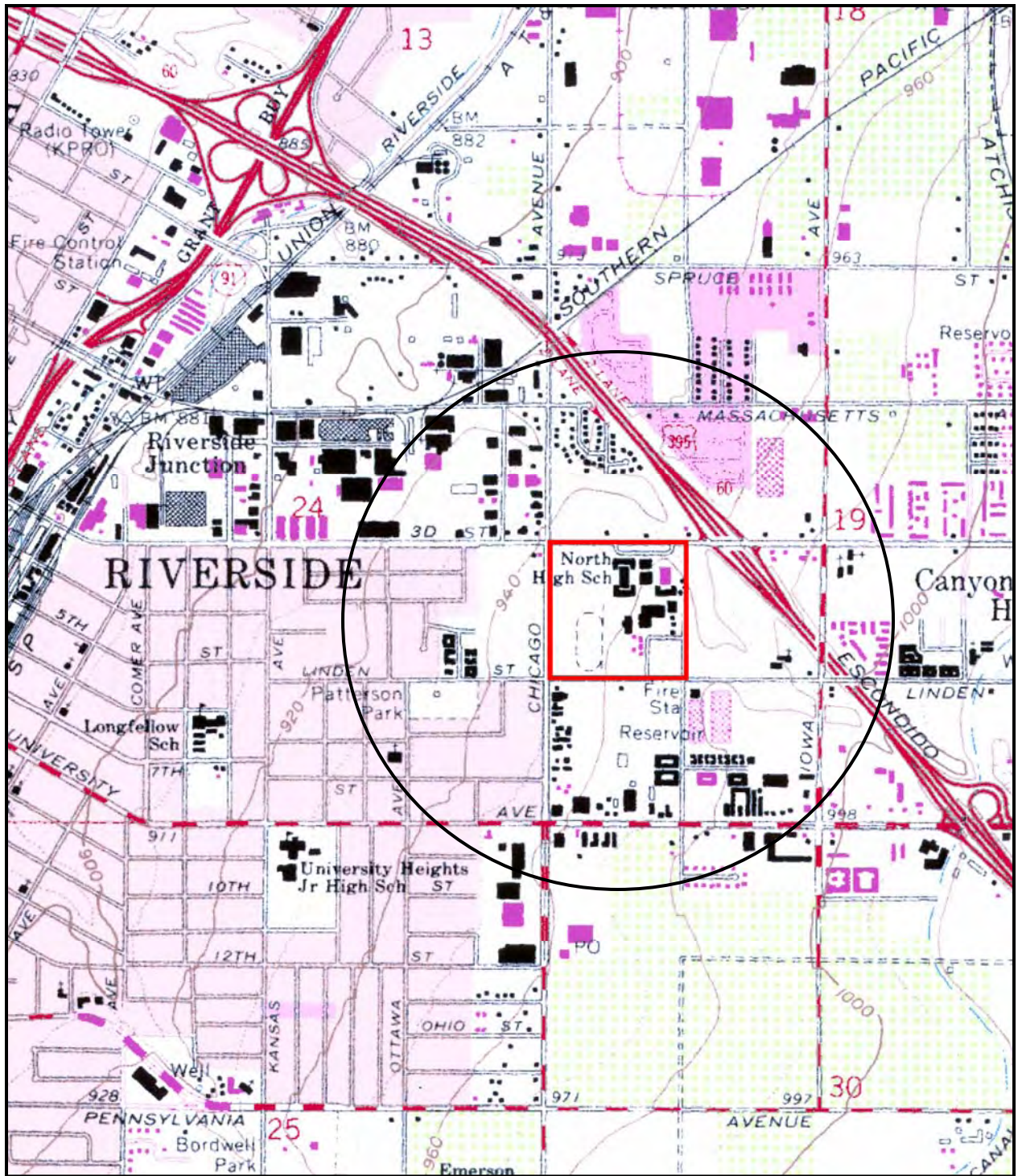
SACRED LANDS FILE & NATIVE AMERICAN CONTACTS LIST REQUEST

NATIVE AMERICAN HERITAGE COMMISSION
915 Capitol Mall, RM 364
Sacramento, California 95814
(916) 653-4082 (916) 657-5390 FAX
nahc@pacbell.net

Information Below is Required for a Sacred Lands File Search

Project: McKenna et al. Job No. 1497
County: Riverside
USGS Quadrangle: Riverside East (rev. 1980)
Name: North High School, Riverside, California
Towns./Range/Section: 2S 4W SW ¼ Section 19
Company/Firm/Agency: McKenna et al.
Contact Person: Jeanette A. McKenna
Street Address: 6008 Friends Avenue
City: Whittier, CA Zip: 90601-3724
Phone: (562) 696-3852
FAX: (562) 696-3852
Email: jmckena@earthlink.net
Project Description: Renovation of athletic fields

6008 Friends Avenue, Whittier, California 90601-3724 email = jmckena@earthlink.net
(562) 696-3852 OFFICE and FAX (562) 754-7712 CELL (480) 664-0682 AZ



North High School Site.

STATE OF CALIFORNIA

Arnold Schwarzenegger, Governor

NATIVE AMERICAN HERITAGE COMMISSION

915 CAPITOL MALL, ROOM 361
SACRAMENTO, CA 95814
(916) 653-6251
Fax (916) 657-5390
Web Site www.nahc.ca.gov
ds_nahc@pacbell.net



July 23, 2010

Ms. Jeanette A. McKenna, M.A., RPA

McKenna et al.

6008 Friends Avenue
Whittier, CA 90601-3724

Sent by FAX TO: 562-696-3852

No. of Pages: 4

Re: Request for a Sacred Lands File Search and Native American Contacts List for the proposed "North High School Athletic Fields Renovation Project;" located in Riverside;; Riverside County, California.

Dear Ms. McKenna:

The Native American Heritage Commission (NAHC), the State of California 'Trustee Agency' for the protection and preservation of Native American cultural resources. The NAHC SLF search, did not indicate the presence of Native American cultural resources within one-half mile of the proposed project sites (APEs).

Also, this letter includes state and federal statutes relating to Native American historic properties of religious and cultural significance to American Indian tribes and interested Native American individuals as 'consulting parties' under both state and federal law.

The California Environmental Quality Act (CEQA – CA Public Resources Code 21000-21177, amended in 2009) requires that any project that causes a substantial adverse change in the significance of an historical resource, that includes archaeological resources, is a 'significant effect' requiring the preparation of an Environmental Impact Report (EIR) per the CEQA Guidelines defines a significant impact on the environment as 'a substantial, or potentially substantial, adverse change in any of physical conditions within an area affected by the proposed project, including ... objects of historic or aesthetic significance.' In order to comply with this provision, the lead agency is required to assess whether the project will have an adverse impact on these resources within the 'area of potential effect (APE)', and if so, to mitigate that effect.

Early consultation with Native American tribes in your area is the best way to avoid unanticipated discoveries once a project is underway. Culturally-affiliated tribes and individuals may have knowledge of the religious and cultural significance of the historic properties in the project area (e.g.APE). We recommend that you contact persons on the attached list of Native American contacts. Furthermore we suggest that you contact the California Historic Resources Information System (CHRIS) at the Office of Historic Preservation Coordinator's office (at 916-653-7272, for referral to the nearest Information Center of which there are 10.

Consultation with tribes and interested Native American consulting parties, on the NAHC list, should be conducted in compliance with the requirements of federal NEPA (42 U.S.C. 4321-43361) and Section 106 and 4(f) of federal NHPA (16 U.S.C. 470 *et seq.*), 36 CFR Part 800.3 (f) (2), the President's Council on Environmental Quality (CEQ, 42 U.S.C. 4371 *et seq.*) and NAGPRA (25 U.S.C. 3001-3013) as appropriate. The 1992 *Secretary of the Interiors Standards for the Treatment of Historic Properties* were revised so that they could be applied to all historic resource types included in the National Register of Historic Places and including cultural landscapes.

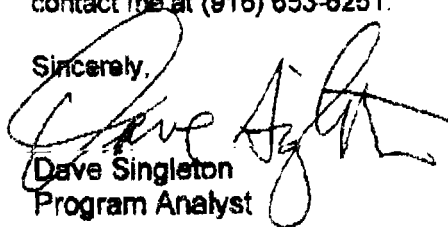
Also, Public Resources Code Section 5097.98 and Health & Safety Code Section 7050.5 provide for provisions for accidentally discovered archeological resources during construction and mandate the processes to be followed in the event of an accidental discovery of any human remains in a project location other than a 'dedicated cemetery'.

To be effective, consultation on specific projects must be the result of an ongoing relationship between Native American tribes and lead agencies, project proponents and their contractors, in the opinion of the NAHC. Regarding tribal consultation, a relationship built around regular meetings and informal involvement with local tribes will lead to more qualitative consultation tribal input on specific projects.

The response to this search for Native American cultural resources is conducted in the NAHC Sacred Lands Inventory, established by the California Legislature (CA Public Resources Code 5097.94(a) and is exempt from the CA Public Records Act (c.f. California Government Code 8254.10) although Native Americans on the attached contact list may wish to reveal the nature of identified cultural resources/historic properties. Confidentiality of "historic properties of religious and cultural significance" may also be protected under Section 304 of the NHA or at the Secretary of the Interior discretion if not eligible for listing on the National Register of Historic Places. The Secretary may also be advised by the federal Indian Religious Freedom Act (cf. 42 U.S.C., 1996) in issuing a decision on whether or not to disclose items of religious and/or cultural significance identified in or near the APE and possibility threatened by proposed project activity.

If you have any questions about this response to your request, please do not hesitate to contact me at (916) 653-6251.

Sincerely,



Dave Singleton
Program Analyst

Attachment: Native American Contact List

**Native American Contacts
Riverside County
July 23 2010**

Pechanga Band of Mission Indians
Paul Macarro, Cultural Resource Center
P.O. Box 1477 Luiseno
Temecula , CA 92593
pmacarro@pechanga-nsn.
(951) 308-9295 Ext 8106
(951) 676-2768
(951) 506-9491 Fax

Santa Rosa Band of Mission Indians
John Marcus, Chairman
P.O. Box 609 Cahuilla
Hemet , CA 92546
srtribaloffice@aol.com
(951) 658-5311
(951) 658-6733 Fax

Ramona Band of Cahuilla Mission Indians
Joseph Hamilton, Chairman
P.O. Box 391670 Cahuilla
Anza , CA 92539
admin@ramonatribu.com
(951) 763-4105
(951) 763-4325 Fax

Gabrielino Tongva Nation
Sam Dunlap, Chairperson
P.O. Box 98908 Gabrielino Tongva
Los Angeles , CA 90086
samdunlap@earthlink.net

(909) 262-9351 - cell

San Manuel Band of Mission Indians
James Ramos, Chairperson
26569 Community Center Drive Serrano
Highland , CA 92346
(909) 864-8933
(909) 864-3724 - FAX
(909) 864-3370 Fax

Monongo Band of Mission Indians
Michael Contreras, Cultural Heritage Prog.
12700 Pumarra Road Cahuilla
Banning , CA 92220 Serrano
mcontreras@monongo-nsn.
(951) 755-5025
(951)201-1866 - cell
(951) 922-0105 Fax

Gabrielino/Tongva San Gabriel Band of Mission
Anthony Morales, Chairperson
PO Box 693 Gabrielino Tongva
San Gabriel , CA 91778
(626) 286-1262 -FAX
(626) 286-1632
(626) 286-1758 - Home
(626) 266-1262 Fax

San Manuel Band of Mission Indians
Ann Brierty, Policy/Cultural Resources Department
26569 Community Center Drive Serrano
Highland , CA 92346
abrierty@sanmanuel-nsn.
(909) 864-8933 EXT-3250
(909) 649-1585 - cell
(909) 862-5152 Fax

This list is current only as of the date of this document.

Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and Section 5097.98 of the Public Resources Code. Also, federal National Environmental Policy Act (NEPA), National Historic Preservation Act, Section 106 and federal NAQPRA. And 36 CFR Part 800.3.

This list is only applicable for contacting local Native Americans with regard to cultural resources for the proposed North High School Athletic Fields Renovation Project; located in Riverside; Riverside County, California for which a Sacred Lands File search and Native American Contacts list were requested.

**Native American Contacts
Riverside County
July 23 2010**

Kupa Cultural Center (Pala Band)
Shasta Gaughen, Assistant Director
35008 Pala-Temecula Rd. PMB Box Luiseno
Pala, CA 92059
cupa@palatribe.com
(760) 891-3590
(760) 742-4543 - FAX

Cahuilla Band of Indians
Luther Salgado, Sr., Chairperson
PO Box 391760 Cahuilla
Anza, CA 92539
tribalcouncil@cahuilla.net
915-763-5549

Pechanga Band of Mission Indians
Mark Macarro, Chairperson
P.O. Box 1477 Luiseno
Temecula, CA 92593
tbrown@pechanga-nsn.gov
(951) 676-2768
(951) 695-1778 Fax

Anna Hoover, Cultural Analyst
Pechanga Cultural Resources Department
P.O. Box 2183 Luiseno
Temecula, CA 92593
(951-770-8104
(951) 694-0446 - FAX
ahoover@pechanga-nsn.gov

Willie J. Pink
48310 Pechanga Road Luiseno
Temecula, CA 92592
wjpink@hotmail.com
(909) 936-1216
Prefers e-mail contact

Joseph Ontiveros, Cultural Resource Department
SOBOBA BAND OF LUISENO INDIANS
P.O. BOX 487 Luiseno
San Jacinto, CA 92581
(951) 654-5544, ext 4137
(951) 663-5279
jontiveros@soboba-msn.gov

Serrano Nation of Indians
Goldie Walker
6588 Valeria Drive Serrano
Highland, CA 92346
(909) 862-9883

This list is current only as of the date of this document.

Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5067.94 of the Public Resources Code and Section 5067.98 of the Public Resources Code. Also, federal National Environmental Policy Act (NEPA), National Historic Preservation Act, Section 106 and federal NAGPRA. And 36 CFR Part 800.3.

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McKenna et al.

History/Archaeology/Architectural History/Ethnography/Paleontology

Jeanette A. McKenna, MA
Registered Prof. Archaeologist
Owner and Principal Investigator

July 25, 2010

Pechanga Band of Mission Indians
Attn: Paul Macarro, Cultural Resource Center
P.O. Box 1477
Temecula, California 92593

RE: Cultural Resources Investigations of North High School, Riverside, CA.

Mr. Macarro:

McKenna et al. is initiating a cultural resources overview of the North High School campus in the City of Riverside, Riverside County, California. The school is located at 1550 3rd Street and illustrated on the attached map. The project, as currently defined, involves improvements to the athletic fields. No existing buildings will be impacted.

Please review your records and provide me with any pertinent information on the presence/absence of Native American cultural resources for this area. Please respond in writing for my records. I look forward to hearing from you.

Sincerely,

Jeanette A. McKenna

Jeanette A. McKenna, Principal
McKenna et al.

McKenna et al.

History/Archaeology/Architectural History/Ethnography/Paleontology

Jeanette A. McKenna, MA
Registered Prof. Archaeologist
Owner and Principal Investigator

July 25, 2010

Ramona Band of Mission Indians
Attn: Joseph Hamilton, Chairman
P.O. Box 391670
Anza, California 92539

RE: Cultural Resources Investigations of North High School, Riverside, CA.

Mr. Hamilton:

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History/Archaeology/Architectural History/Ethnography/Paleontology

Jeanette A. McKenna, MA
Registered Prof. Archaeologist
Owner and Principal Investigator

July 25, 2010

San Manuel Band of Mission Indians
Attn: James Ramos, Chairperson
26569 Community Center Drive
Highland, California 92346

RE: Cultural Resources Investigations of North High School, Riverside, CA.

Mr. Ramos:

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History/Archaeology/Architectural History/Ethnography/Paleontology

Jeanette A. McKenna, MA
Registered Prof. Archaeologist
Owner and Principal Investigator

July 25, 2010

Gabrielino/Tongva San Gabriel Band of Mission Indians
Attn: Anthony Morales, Chairperson
P.O. Box 693
San Gabriel, California 91778

RE: Cultural Resources Investigations of North High School, Riverside, CA.

Mr. Morales:

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History/Archaeology/Architectural History/Ethnography/Paleontology

Jeanette A. McKenna, MA
Registered Prof. Archaeologist
Owner and Principal Investigator

July 25, 2010

Santa Rosa Band of Mission Indians
Attn: John Marcus, Chairperson
P.O. Box 609
Hemet, California 92549

RE: Cultural Resources Investigations of North High School, Riverside, CA.

Mr. Marcus:

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McKenna et al.

McKenna et al.

History/Archaeology/Architectural History/Ethnography/Paleontology

Jeanette A. McKenna, MA
Registered Prof. Archaeologist
Owner and Principal Investigator

July 25, 2010

Gabrielino Tongva Nation
Attn: Sam Dunlap, Chairperson
P.O. Box 86908
Los Angeles, California 90066

RE: Cultural Resources Investigations of North High School, Riverside, CA.

Mr. Dunlap:

McKenna et al. is initiating a cultural resources overview of the North High School campus in the City of Riverside, Riverside County, California. The school is located at 1550 3rd Street and illustrated on the attached map. The project, as currently defined, involves improvements to the athletic fields. No existing buildings will be impacted.

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McKenna et al.

McKenna et al.

History/Archaeology/Architectural History/Ethnography/Paleontology

Jeanette A. McKenna, MA
Registered Prof. Archaeologist
Owner and Principal Investigator

July 25, 2010

Morongo Band of Mission Indians
Attn: Michael Contreras, Cultural Heritage Program
12700 Pumarra Road
Banning, California 92220

RE: Cultural Resources Investigations of North High School, Riverside, CA.

Mr. Contreras:

McKenna et al. is initiating a cultural resources overview of the North High School campus in the City of Riverside, Riverside County, California. The school is located at 1550 3rd Street and illustrated on the attached map. The project, as currently defined, involves improvements to the athletic fields. No existing buildings will be impacted.

Please review your records and provide me with any pertinent information on the presence/absence of Native American cultural resources for this area. Please respond in writing for my records. I look forward to hearing from you.

Sincerely,

Jeanette A. McKenna

Jeanette A. McKenna, Principal
McKenna et al.

McKenna et al.

History/Archaeology/Architectural History/Ethnography/Paleontology

Jeanette A. McKenna, MA
Registered Prof. Archaeologist
Owner and Principal Investigator

July 25, 2010

San Manuel Band of Mission Indians
Attn: Ann Brierty, Policy/Cultural Resources Department
26569 Community Center Drive
Highland, California 92346

RE: Cultural Resources Investigations of North High School, Riverside, CA.

Ms. Brierty:

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Jeanette A. McKenna, MA
Registered Prof. Archaeologist
Owner and Principal Investigator

July 25, 2010

Kupa Cultural Center (Pala Band)
Attn: Shasta Gaughen, Assistant Director
35008 Pala-Temecula Road
Pala, California 92059

RE: Cultural Resources Investigations of North High School, Riverside, CA.

Ms. Gaughen:

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Jeanette A. McKenna, MA
Registered Prof. Archaeologist
Owner and Principal Investigator

July 25, 2010

Willie J. Pink
48310 Pechanga Road
Temecula, California 92592

RE: Cultural Resources Investigations of North High School, Riverside, CA.

Mr. Pink:

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Jeanette A. McKenna, MA
Registered Prof. Archaeologist
Owner and Principal Investigator

July 25, 2010

Serrano Nation of Indians
Attn: Goldie Walker
6588 Valaria Drive
Highland, California 92346

RE: Cultural Resources Investigations of North High School, Riverside, CA.

Ms. Walker:

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McKenna et al.

History/Archaeology/Architectural History/Ethnography/Paleontology

Jeanette A. McKenna, MA
Registered Prof. Archaeologist
Owner and Principal Investigator

July 25, 2010

Cahuilla Band of Indians
Attn: Luther Salgado, Sr., Chairperson
P.O. Box 391760
Anza, California 92539

RE: Cultural Resources Investigations of North High School, Riverside, CA.

Mr. Salgado:

McKenna et al. is initiating a cultural resources overview of the North High School campus in the City of Riverside, Riverside County, California. The school is located at 1550 3rd Street and illustrated on the attached map. The project, as currently defined, involves improvements to the athletic fields. No existing buildings will be impacted.

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McKenna et al.

History/Archaeology/Architectural History/Ethnography/Paleontology

Jeanette A. McKenna, MA
Registered Prof. Archaeologist
Owner and Principal Investigator

July 25, 2010

Pechanga Band of Mission Indians
Attn: Anna Hoover, Cultural Analyst
P.O. Box 2183
Temecula, California 92693

RE: Cultural Resources Investigations of North High School, Riverside, CA.

Ms. Hoover:

McKenna et al. is initiating a cultural resources overview of the North High School campus in the City of Riverside, Riverside County, California. The school is located at 1550 3rd Street and illustrated on the attached map. The project, as currently defined, involves improvements to the athletic fields. No existing buildings will be impacted.

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McKenna et al.

History/Archaeology/Architectural History/Ethnography/Paleontology

Jeanette A. McKenna, MA
Registered Prof. Archaeologist
Owner and Principal Investigator

July 25, 2010

Soboba Band of Luiseno Indians
Attn: Joseph Ontiveros, Cultural Resources Department
P.O. Box 487
San Jacinto, California 92581

RE: Cultural Resources Investigations of North High School, Riverside, CA.

Mr. Ontiveros:

McKenna et al. is initiating a cultural resources overview of the North High School campus in the City of Riverside, Riverside County, California. The school is located at 1550 3rd Street and illustrated on the attached map. The project, as currently defined, involves improvements to the athletic fields. No existing buildings will be impacted.

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Sincerely,

Jeanette A. McKenna

Jeanette A. McKenna, Principal
McKenna et al.

ATTACHMENT 4:

Photographic Record



Administration Building for John W. North High School (South).



Parking Lot Along Third Street, in Front of Administration Building (East).



Buildings at North End of Campus, to East of Administration Building (Southeast).



Overview of Administration Building (Southwest).



Signage on Administration Building of John W. North High School (Southeast).



Area Between Administration Building and Classroom Building at North End of Campus (South).



Classroom Building West of Administration Building (Southwest).



View from Entrance into Parking Lot Towards Administration and Classroom Building (Southeast).



Athletic Fields from Parking Lot Along Third Street (Southwest).



View Over Fence Towards Athletic Fields (Southwest).



Baseball Diamond at Northern End of Campus, Along Third Street (West).



Intersection of Third Street and Chicago Avenue at Northeast Corner of John W. North High School (Southeast).



Towards Athletic Fields at Northeast Corner of Campus (Southeast).



View of Athletic Fields from Linden Street and Presley Avenue (North).



South Boundary of Campus Along Linden Street (Northwest).



View from Linden Street, Towards Athletic Fields (North).



View from Linden Street Towards Track and Area to be Redeveloped (North).



View from Linden Street Towards Area to be Redeveloped (North).



South End of Track and Athletic Fields, View Towards Chicago Avenue (West).



South Athletic Field Area (Northwest).



View Along Fence Separating Track from Tennis Courts (North).



View into Tennis Courts (Northwest).



Overview of Tennis Courts from Linden Street (Northwest).



Tennis Courts from Linden Street (West/Northwest).



Portable Classrooms to East of Tennis Courts, from Linden Street (Northwest).



Access Road into Campus Near Portable Classrooms (North).



Area Between Tennis Courts and Portable Classrooms (North).



Athletic Field Area to be Improved, from Linden Street (Northeast).



Area to Be Improved (Norhtwest).



Overview of Athletic Fields (Northeast).



Southeast Corner of John W. North High School (West).



Parking Lot at Southeast Corner of John W. North High School (Northwest).



Access Road Along East End of John W. North High School (North).

Appendix C.
Geotechnical Investigation



Appendix

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**GEOTECHNICAL INVESTIGATION,
PROPOSED AQUATIC CENTER, FOOTBALL STADIUM
AND ATHLETIC FACILITIES,
J.W. NORTH HIGH SCHOOL,
1550 THIRD STREET,
CITY OF RIVERSIDE, CALIFORNIA**

Prepared for:

RIVERSIDE UNIFIED SCHOOL DISTRICT
3070 Washington Street
Riverside, California 92504

Project No. 602879-001

June 30, 2010



Leighton Consulting, Inc.

A LEIGHTON GROUP COMPANY



Leighton Consulting, Inc.

A LEIGHTON GROUP COMPANY

June 30, 2010

Project No. 602879-001

To: Riverside Unified School District
Facilities Planning and Development
3070 Washington Street
Riverside, California 92504

Attention: Ms. Janet Dixon

Subject: Geotechnical Investigation, Proposed Aquatic Center, Football Stadium and Athletic Facilities, J.W. North High School, 1550 Third Street, City of Riverside, California

Leighton Consulting, Inc. (Leighton) is pleased to present this report of geotechnical investigation for the proposed aquatic center, football stadium and other athletic fields and facilities at John W. North High School, located at 1550 Third Street in the City of Riverside, California. The purpose of this study has been to evaluate geologic/geotechnical conditions of the site with respect to the planned improvements, including geologic hazards, to explore subsurface conditions, and provide geotechnical recommendations for design and construction.

Based upon our geotechnical investigation, the proposed improvements are feasible from a geotechnical viewpoint, provided our recommendations are incorporated into the design and construction of the project. The proposed bleachers and buildings can be founded on conventional spread footings bearing solely on a zone of newly excavated and recompacted fill soils, derived from site soils. The most significant geotechnical issues at the site are seismic hazards and compressible soils. These and other geotechnical issues are discussed in this report.

We appreciate the opportunity to work with you on this project. If you have any questions, or if we can be of further service, please call us at your convenience at (909) 484-2205.



Respectfully submitted,

LEIGHTON CONSULTING, INC.

Handwritten signature of Jason D. Hertzberg in black ink.

Jason D. Hertzberg, GE 2711
Associate Engineer

Handwritten signature of Philip A. Buchiarelli in black ink.

Philip A. Buchiarelli, CEG 1715
Principal Geologist

MDH/JDH/PB/rsh

Distribution: (2) Addressee
(3) HMC Architects
Attention: Mr. Marco Eacrett

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Appendix A - References
Appendix B - Logs of Geotechnical Borings
Appendix C - Geotechnical Laboratory Testing
Appendix D - Summary of Faulting, Historical Seismicity and Secondary Seismic Analysis
Appendix E - General Earthwork and Grading Specifications

1.0 INTRODUCTION

1.1 Site Location and Description

The proposed improvements are to be located within the existing J.W. North High School campus located at 1550 Third Street in the City of Riverside, California (see Figures 1 and 2). Existing athletic fields, basketball and tennis courts, and a swimming pool are located within the area of the proposed improvements on the southwestern side of the campus.

A review of historical aerial photographs shows that the site was used for agricultural purposes as recently as 1963, prior to construction of the school campus in 1965. The campus generally consists of permanent classroom buildings in the northeastern portion, with the western portion of the campus containing playfields, including the existing football field in the southwestern portion. The campus is bounded by 3rd Street to the north, Chicago Avenue to the west, W. Linden Street to the south, and light industrial and commercial developments to the east. The school property and general vicinity drain gently to the northwest. A former shallow drainage channel existed to the northeast of the campus. The existing ground surface elevations across the campus range from approximately 945 to 970 feet above mean sea level, and in the area of the proposed improvements the ground elevation is approximately 950 to 960 feet (see Figure 1).

1.2 Proposed Improvements

Based on our understanding of the proposed improvements, Riverside Unified School District is planning to construct a new track and field (with synthetic turf and track), bleachers, and a 30-meter swimming pool. Two new tennis courts and two new basketball courts are proposed south of the pool. A restroom/concession/equipment building (approximately 4,000 square feet each) is planned for construction north of the track and field. Other proposed and possible flatwork improvements include reconstruction of the southernmost existing tennis courts, and various utility, landscaping, and hardscaping improvements throughout the western portion of the campus. The proposed improvements are shown on Figure 2.

Grading plans were not available to us at the time of this study. However, based on the gentle topography onsite, we anticipate that minor cuts and fills (on the order of 5 feet or less) will be required to attain desired grades. This is a public school project under the jurisdiction of the Division of the State Architect (DSA), to be designed and constructed in accordance with the 2007 California Building Code (CBC).

1.3 Purpose and Scope of Work

The purpose of our study has been to evaluate the geologic/geotechnical conditions of the site with respect to the planned improvements and provide preliminary recommendations for design and construction. Our geotechnical investigation was tailored to develop a generalized representation of the subsurface soil conditions with respect to the proposed improvements. Our work included the following tasks:

- Geologic Hazards Review - We reviewed pertinent, readily available geologic and geotechnical literature covering the site. Our review included regional geologic maps and reports available from our library and analysis of in-house historical aerial photographs covering the site. Documents reviewed are listed in Appendix A, References.
- Utility Clearance - We coordinated with District representatives and Underground Service Alert (USA) to have existing underground utilities located and marked prior to our subsurface investigation. We retained a private utility locator to provide further clearance of utilities prior to our subsurface investigation.
- Field Exploration - Our field exploration included drilling, logging, and sampling five hollow-stem auger borings (LB-1 through LB-5) at representative locations within or immediately adjacent to the footprints of the proposed buildings and in areas of other improvements. However, in some areas, we were not able to drill within the actual proposed footprint, because of existing improvements. As a minimum, one boring was drilled per every 5,000 square feet of proposed building footprint. The borings were advanced to depths ranging from 16½ feet to 51½ feet below the existing ground surface. Each boring was logged by a member of our technical staff. Relatively undisturbed soil samples were obtained at selected intervals within the borings using a California Ring Sampler. Standard Penetration Tests (SPT) were conducted at selected depths within the borings and samples were obtained. Representative bulk soil samples were also collected at shallow depths. Logs of the geotechnical borings are presented in Appendix B. Approximate boring locations are shown on the accompanying *Geotechnical Map*, Figure 2.
- Laboratory Tests - Laboratory tests were conducted on selected relatively undisturbed and bulk soil samples obtained during our field investigation. The laboratory testing program was designed to evaluate engineering characteristics of the onsite soil.

Laboratory tests conducted during this investigation and our previous site investigation (see Section 1.4) include:

- In situ moisture content and dry density
- Atterberg limits
- Sieve analysis for grain-size distribution
- Consolidation settlement characteristics
- Collapse potential
- Maximum dry density and optimum moisture content
- Shear strength
- Expansion index
- Water-soluble sulfate concentration in the soil for cement type recommendations
- Resistivity, chloride content and pH to evaluate corrosion potential
- R-value

Results of the in situ dry density and moisture content tests are shown on the boring logs (Appendix B). Results of the remaining laboratory tests are provided in Appendix C.

- Engineering Analysis - Data obtained from our background review and field exploration was evaluated and analyzed to provide geotechnical conclusions and preliminary recommendations presented in the following sections.
- Report Preparation - Results of our geologic hazards review and geotechnical investigation have been summarized in this report, presenting our findings, conclusions and preliminary recommendations.

1.4 Previous Geotechnical Investigation

A geotechnical investigation was previously performed by Leighton and Associates, Inc. (2002) for the then-proposed science lab building. The findings and conclusions of that study were considered during this current investigation. Approximate locations of borings drilled during that previous study are shown on Figure 2, the boring logs are included at the end of Appendix B, and the laboratory test results are included at the end of Appendix C of this report.

2.0 FINDINGS

2.1 Regional Geologic Setting

The site is located in the northern part of the Peninsular Ranges Geomorphic Province of southern California near the margin of the Santa Ana River Valley. The mountains of El Sobrante de San Jacinto and the Perris structural block are east and south of the site. Cretaceous igneous rocks of the southern California batholith underlie the Peninsular Ranges at depth in this area. Northwest-trending, right-lateral, strike-slip faults dominate the structure of the Peninsular Ranges. The site is located within the Perris structural block, which is bounded on the north by the Cucamonga Fault, on the east by the San Jacinto Fault, and on the west by the Chino and Elsinore Faults. The active San Jacinto Fault Zone is present approximately 5.5 miles (8 kilometers) northeast of the site. This fault has experienced significant activity in the recent geologic past. The San Andreas Fault, the most active and extensive fault in California, is located approximately 13.5 miles (22 km) northeast of the site. The site rests on generally flat terrain underlain by old alluvial fan soils deposited by the Santa Ana River, which is located approximately 2 miles northeast of the site, and local tributaries (Morton and Miller, 2006). Bedrock is not present onsite; it is expected to be present at a depth of about 400 feet below the ground surface. The regional geology is shown on Figure 3.

2.2 Subsurface Soil Conditions

Based upon our review of pertinent geotechnical literature and our subsurface exploration, the site is underlain by late Pleistocene-age alluvial fan deposits (denoted as Qof on our boring logs). This soil generally consists of unconsolidated sandy alluvial fan deposits (Morton and Miller, 2006).

Alluvial soils encountered within our exploratory borings drilled onsite generally consisted of loose to medium dense silty sand and sand to the depths explored. Soils within the upper 10 feet below the ground surface were generally loose to medium dense and medium dense below. Most material encountered possessed a significant degree of fines content, though layers of well-graded and poorly graded sands were encountered within several of our borings. The soils were visually described as moist to the maximum depths explored. Sampled moisture contents of the upper 15 feet of the subsurface soil ranged from 3 to 13 percent by weight. No artificial fill was recognized during our field exploration, though fill is expected to be present locally due to past site uses.

2.2.1 Compressible and Collapsible Soil

Soil compressibility refers to a soil's potential for settlement when subjected to increased loads, as from a fill surcharge or a structure. Based on our investigation, the upper 5 to 10 feet of alluvial soil is considered slightly to moderately compressible, becoming less compressible with depth. Partial removal and recompaction of this material will be necessary to reduce the potential for adverse total and differential settlement of the proposed improvements.

Collapse potential refers to the potential settlement of a soil under existing stresses upon being wetted. Three representative samples of the subsurface soil were tested for collapse potential during this investigation. Test results indicate that the near-surface soil onsite has a negligible collapse potential.

2.2.2 Expansive Soil

Expansive soils contain significant amounts of clay particles that swell considerably when wetted and shrink when dried. Foundations constructed on these soils are subjected to large uplifting forces caused by the swelling. Without proper measures taken, heaving and cracking of both building foundations and slabs-on-grade could result.

Laboratory testing of a near-surface sample yielded an expansion index of 4. Based on this test result, our review of pertinent geotechnical literature in the vicinity of the site, and our geotechnical experience in the area, the alluvial soils onsite are expected to have a very low expansion potential.

2.2.3 Sulfate Content

Water-soluble sulfates in soil can react adversely with concrete. However, concrete in contact with soil containing sulfate concentrations of less than 0.01 percent by weight is considered to have negligible sulfate exposure based on the American Concrete Institute (ACI) provisions, adopted by the 2007 CBC (CBC, 2007, Chapter 19A, and ACI, 2005, Chapter 4).

A near-surface soil sample was tested for soluble sulfate content. The result of this test indicated a sulfate content of 0.01 percent by weight or less, indicating negligible sulfate exposure. As such, the soils exposed at pad grade are not expected to pose a significant potential for sulfate reaction with concrete.

2.2.4 Resistivity, Chloride and pH

Soil corrosivity to ferrous metals can be estimated by the soil's electrical resistivity, chloride content and pH. In general, soil having a minimum resistivity of 2,000 ohm-cm or less is considered corrosive. Soil with a chloride content of 500 parts-per-million (ppm) or more is considered corrosive to ferrous metals.

As a screening for potentially corrosive soil, a near-surface soil sample was tested to determine its minimum resistivity, chloride content, and pH. These tests indicated a minimum resistivity of roughly 6,500 ohm-cm, a chloride content of 84 ppm, and pH of 7.4. Based on these test results, the onsite soil is considered moderately corrosive to ferrous metals.

2.3 Groundwater

Groundwater was not encountered in any of our borings to a maximum depth of 51½ feet below the existing ground surface. Based on our review of regional maps and groundwater data from the Western Municipal Water District (Spring 2008 data), groundwater levels in 1996 were on the order of 95 feet below the existing ground surface at a nearby monitoring well. Our review of historical groundwater maps published by CDWR (1970) indicates that the depth to groundwater in 1933 and 1960 was estimated to be no higher than 90 feet below the ground surface. The Riverside County Geologic Hazard Map (2004) indicates that the historically shallowest groundwater levels in the vicinity of the site were between 100 and 150 feet deep.

2.4 Faulting and Seismicity

In general, the primary seismic hazards for sites in the region could include strong ground shaking and fault rupture. The potential for fault rupture and seismic shaking are discussed below.

2.4.1 Surface Faulting

Our review of available in-house literature indicates that there are no known active faults that have been mapped across the site, the site is not located near a pressure ridge, and the site is not located within a current State of California designated Earthquake Fault Zone (CGS, 2000). Based on our understanding of

the current geologic framework, the potential for future surface rupture of active faults onsite is considered very low.

2.4.2 Seismicity

The principal seismic hazard that could affect the site is ground shaking resulting from an earthquake occurring along several major active or potentially active faults in southern California. Design of the proposed improvements in accordance with current California Building Code (CBC) requirements is intended to reduce the impact of seismic shaking on the proposed improvements.

The known regional active faults that could produce the most significant ground shaking at the site include the San Jacinto, Elsinore, Whittier, Cucamonga, and San Andreas faults. The closest active fault to the site is the San Jacinto fault, at an approximate distance of 8 kilometers. Forty-two faults found within a 100-km radius search from the project site are listed in Appendix D. General locations of regional faults with respect to the site are shown on the *Regional Fault Map* (Figure 5).

The *Regional Seismicity Map* (Figure 6) shows the recent regional seismicity with respect to the site. An evaluation of historical seismicity related to the site was performed to show the significant past earthquakes from the mid 1800's to 2010 with magnitudes 5 or greater. These were estimated using the EQSEARCH computer program (Blake, 2010). Based on this analysis, the largest ground acceleration at the site from historical earthquakes is estimated to have been 0.37g from a 6.3 Magnitude earthquake 9 km away in 1923. This historical seismicity search was performed for a 100-km radius from the project site and is listed in Appendix D.

PHGA and hazard deaggregation were performed using the United States Geological Survey's 2008 Interactive Deaggregations utility. The results of this analysis indicate that the predominant modal earthquake has a PHGA of 0.78g with magnitude of approximately 7.0 (M_W) at a distance on the order of 11 kilometers for the Maximum Considered Earthquake (2% probability of exceedance in 50 years).

We have conducted a site-specific ground motion hazard analysis to develop a design response spectrum in accordance with the 2007 California Building Code and ASCE Standard 7-05, Section 21.2. Software developed by Risk Engineering

(EZ-FRISK 7.35) was utilized for the deterministic maximum considered earthquake (MCE) and the probabilistic seismic hazard analysis USGS 2008 update was used for the probabilistic MCE. The response spectrum and summary of the analysis is included in Appendix D. Recommended seismic design acceleration parameters are presented in Section 3.2 of this report.

2.5 Secondary Seismic Hazards

In general, secondary seismic hazards for sites in the region could include soil liquefaction, earthquake-induced settlement, lateral displacement, landsliding, seiches, and tsunamis. The potential for secondary seismic hazards at the site is discussed below.

2.5.1 Liquefaction Potential

Liquefaction is the loss of soil strength or stiffness due to a buildup of excess pore-water pressure during strong ground shaking. Liquefaction is associated primarily with loose (low density), granular, saturated soil. Effects of severe liquefaction can include sand boils, excessive settlement, bearing capacity failures, and lateral spreading.

The site is mapped in an area designated as having a low liquefaction potential in the Riverside County Land Information System (Riverside County, 2010). Groundwater was not encountered during any of our borings conducted to a maximum depth of 51½ feet. Furthermore, the historically shallowest groundwater level is estimated to be 90 feet or deeper (see Section 2.3, Groundwater). Based on this, the potential for liquefaction and liquefaction-related damage is considered very low at the site.

2.5.2 Seismically Induced Settlement

Seismically induced settlement consists of dry dynamic settlement (above groundwater) and liquefaction-induced settlement (below groundwater). During a strong seismic event, seismically induced settlement can occur within loose to moderately dense sandy soil due to reduction in volume during and shortly after an earthquake event. Settlement caused by ground shaking is often nonuniformly distributed, which can result in differential settlement.

We have performed analyses to estimate the seismically induced settlement using the LiquefyPro computer program by CivilTech Software. The results of our

analyses indicate the onsite soils are expected to undergo less than 1 inch of seismic settlement. Differential settlement due to seismic loading is assumed to be less than ½ inch over a horizontal distance of 40 feet.

2.5.3 Seismically Induced Landslides

Significant slopes are not located on or near the site. Therefore, the site is not considered susceptible to landslides or seismically induced landslides.

2.5.4 Earthquake Induced Flooding

Earthquake-induced flooding can result from the failure of dams or other water-retaining structures resulting from earthquakes. The site is not located within inundation zones for local retained bodies of water, including Lake Mathews Dam, Seven Oaks Dam or Lake Perris Dam. Therefore, the potential for earthquake-induced flooding at this site is considered to be low (see Figure 7).

2.5.5 Seiches and Tsunamis

Seiches are large waves generated in enclosed bodies of water in response to ground shaking. Tsunamis are waves generated in large bodies of water by fault displacement or major ground movement. Based on the inland location of the site and its distance from lakes or ponds, seiches and tsunamis are not a hazard to this site.

2.6 Flood Hazard

North High School is not located within either a “100-year” or “500-year” flood zone based on information obtained from the Riverside County Land Information System (see Appendix D).

3.0 CONCLUSIONS AND RECOMMENDATIONS

Based on this investigation, construction of the proposed aquatic center, stadium and other athletic field and facility improvements appears feasible from a geotechnical standpoint. No severe geologic or soils related issues were identified that would preclude development of the site for the proposed school improvements. The proposed bleachers, restroom/equipment/concession building and associated improvements can be founded on shallow conventional spread footings bearing on a zone of newly excavated and recompacted fill soils, derived from site soils. The most significant geotechnical issues at the site are those related to the potential for strong seismic shaking and the presence of surficial compressible soils. Appropriate planning and design of the project can limit the impact of these constraints. Remedial recommendations for these and other geotechnical issues are provided in the following sections.

3.1 Earthwork and Grading

All grading should be performed in accordance with the *General Earthwork and Grading Specifications* presented in Appendix E, unless specifically revised or amended below or by future recommendations based on final plans.

3.1.1 Site Preparation

Prior to construction, the areas of the proposed improvements should be cleared of vegetation (turf), asphalt pavement, and debris, which should be disposed of offsite. Any underground obstructions onsite should be removed. Resulting cavities should be properly backfilled and compacted. In addition, any uncontrolled fill, if encountered, should be removed and replaced as compacted fill. Efforts should be made to locate any existing utility lines. Those lines should be removed or rerouted if they interfere with the proposed construction, and the resulting cavities should be properly backfilled and compacted.

3.1.2 Overexcavation and Recompanction

To reduce the potential for adverse differential settlement of the proposed structures, the underlying subgrade soil should be prepared in such a manner that a uniform response to the applied loads is achieved. For the planned buildings and bleachers, we recommend that the native alluvial soil be overexcavated to a minimum depth of approximately 4 feet below existing grade or 3 feet below the proposed footings, whichever is deeper. The overexcavation and recompaction

should extend a minimum horizontal distance from perimeter edges of the proposed footings equal to the depth of the overexcavation or 5 feet, whichever is greater. Local conditions may require that deeper overexcavation be performed; such areas should be evaluated by Leighton during grading.

Areas planned for asphalt or concrete pavement, flatwork, the track and field surfaces, site walls, and areas to receive fill should be overexcavated to a minimum depth of 18 inches below existing grade or 18 inches below proposed subgrade, whichever is deeper.

After completion of the overexcavation, and prior to fill placement, the exposed surfaces should be scarified to a minimum depth of 6 inches, moisture conditioned to or slightly above optimum moisture content, and recompacted to a minimum 90 percent relative compaction, relative to the ASTM D 1557 laboratory maximum density.

3.1.3 Fill Placement and Compaction

Onsite soil free of debris and oversized material (greater than 8 inches in largest dimension) is suitable for use as compacted structural fill. Any soil to be placed as fill, whether onsite or imported material, should be reviewed and possibly tested by Leighton.

All fill soil should be placed in thin, loose lifts, moisture conditioned, as necessary, to near optimum moisture content, and compacted to a minimum 90 percent relative compaction as determined by ASTM Test Method D1557. Aggregate base for pavement should be compacted to a minimum of 95 percent relative compaction.

3.1.4 Import Fill Soil

Any import soil to be placed as fill at the site should be geotechnically accepted by Leighton. Preferably at least 3 working days prior to proposed import to the site, the contractor should provide Leighton pertinent information of the proposed import soil, such as location of the soil, whether stockpiled or native in place, and pertinent geotechnical reports if available. We recommend that a Leighton representative visit the proposed import site to observe the soil conditions and obtain representative soil samples. Potential issues may include soil that is more expansive than onsite soil, soil that is too wet, soil that is too rocky or too dissimilar to onsite soils, oversize material, organics, debris, etc.

The owner should require proper documentation that soils imported to the project site are suitable for use at the school site from an environmental standpoint. The import soils should be evaluated and/or tested, as appropriate, for environmental suitability based on the *Information Advisory - Clean Imported Fill* (Department of Toxic Substances Control, October 2001 or more current edition). The documentation indicating the soils are suitable for use should be provided to the project construction manager prior to intended import to the site. Leighton can provide these services to the District, but the contractor must give Leighton adequate time to properly evaluate the material prior to import--a minimum of 3 working days (laboratory rush charges would apply), but preferably 5 working days or more. The contractor should provide Leighton pertinent information, such as the amount and location of the soil, whether stockpiled or native in place, soil owner contact information, and pertinent environmental reports, if available.

3.1.5 Shrinkage and Subsidence

The change in volume of excavated and recompacted soil varies according to soil type and location. This volume change is represented as a percentage increase (bulking) or decrease (shrinkage) in volume of fill after removal and recompaction. Subsidence occurs as in-place soil (e.g., natural ground) is moisture-conditioned and densified to receive fill, such as in processing an overexcavation bottom. Subsidence is in addition to shrinkage from recompaction of fill soil. Subsidence, in this sense, does not refer to potential settlement due to placement of additional loads, such as from foundations or from significantly raising grades with new fill.

Field and laboratory data used in our calculations included laboratory-measured maximum dry densities for soil types encountered at the subject site, the measured in-place densities of soils encountered and our experience. We preliminarily estimate the following earth volume changes will occur during grading, and these are rough estimates:

Shrinkage	Approximately 15 percent
Subsidence (overexcavation bottom processing)	Approximately 0.15 foot

These shrinkage values are general guide values. Actual values may vary, due to variations in the dry density of the existing soils, the level of fill compaction, and other factors that influence the amount of volume change. Therefore, as with any

grading project, some earthwork volume adjustments should be anticipated during grading.

3.2 Seismic Design Parameters

Seismic parameters presented in this report should be considered during project design. In order to reduce the effects of ground shaking produced by regional seismic events, seismic design should be performed in accordance with the 2007 edition of the California Building Code (CBC). The following data should be considered for the seismic analysis of the subject site. The site-specific parameters presented at the bottom of the table (last 4 rows) should be used for design (see Appendix D):

Table 1. Seismic Design Parameters

Categorization/Coefficient	Design Value
Site Latitude (decimal degrees)	33.981N
Site Longitude (decimal degrees)	-117.3465E
Site Class Definition (Table 1613A.5.2)	D
Mapped Spectral Response Acceleration at 0.2s Period, S_s (Figure 1613.5(3))	1.5
Mapped Spectral Response Acceleration at 1s Period, S_1 (Figure 1613.5(4))	0.6
Short Period Site Coefficient at 0.2s Period, F_a (Table 1613A.5.3(1))	1.0
Long Period Site Coefficient at 1s Period, F_v (Table 1613A.5.3(2))	1.5
Adjusted MCE Spectral Response Acceleration at 0.2s Period, S_{MS} (Eq. 16A-37)	1.5*
Adjusted MCE Spectral Response Acceleration at 1s Period, S_{M1} (Eq. 16A-38)	0.9*
Design Spectral Response Acceleration at 0.2s Period, S_{DS} (Eq. 16A-39)	1.0*
Design Spectral Response Acceleration at 1s Period, S_{D1} (Eq. 16A-40)	0.6*
Site-Specific Seismic Design Parameters (see Appendix D):	
MCE Spectral Response Acceleration at 0.2s Period, S_{MS}	1.73
MCE Spectral Response Acceleration at 1s Period, S_{M1}	1.23
Design Spectral Response Acceleration at 0.2s Period, S_{DS}	1.15
Design Spectral Response Acceleration at 1s Period, S_{D1}	0.82

*these values are shown for information only and not for design purposes

3.3 Foundation Recommendations

Conventional shallow foundations may be used to support the loads of one- to three-story structures. Overexcavation and recompaction of the footing subgrade soil should be performed as recommended in Section 3.1. The following recommendations are based on

our current understanding of the onsite soil conditions and soils with a very low expansion potential.

3.3.1 Minimum Embedment and Width

Based on this investigation, footings for proposed one- to two-story structures should have a minimum embedment of 18 inches for exterior footings and 12 inches for interior footings, with a minimum width of 24 and 15 inches for isolated and continuous footings, respectively. The structural engineer should determine the minimum footing depth and width for structures greater than two stories, but in no case should these be smaller than the above recommended minimum dimensions for two-story structures.

3.3.2 Allowable Bearing Pressure

An allowable bearing pressure of 2,000 pounds-per-square-foot (psf) may be used, based on the minimum embedment depth and width above. This allowable bearing value may be increased by 300 psf per foot increase in depth or width to a maximum allowable bearing pressure of 4,000 psf. These allowable bearing pressures are for total dead load and sustained live loads. As a minimum, footings should have one No. 4 rebar top and bottom. Footing reinforcement should be designed by the structural engineer.

For the case of short term loading (seismic and wind loading), an increase of 1/3 would apply. The ultimate bearing pressure is assumed to be roughly three times the allowable bearing pressure. However, this ultimate pressure only considers structural failure/collapse (life safety) and not structural damage or significant cosmetic damage. Excessive settlement may occur before the ultimate bearing pressure is obtained.

3.3.3 Lateral Load Resistance

Soil resistance available to withstand lateral loads on a shallow foundation is a function of the frictional resistance along the base of the footing and the passive resistance that may develop as the face of the structure tends to move into the soil. The frictional resistance between the base of the foundation and the subgrade soil may be computed using a coefficient of friction of 0.35; this value may be increased by one third when considering loads of short duration, such as those imposed by wind and seismic forces. The passive resistance may be computed using an

allowable (factor of safety of 1.5 applied) equivalent fluid pressure of 260 pounds per cubic foot (pcf), assuming there is constant contact between the footing and undisturbed soil.

3.3.4 Settlement Estimates

The recommended allowable bearing pressure is generally based on a total allowable, post construction settlement of 1 inch. Differential settlement due to static loading is estimated at ½ inch over a horizontal distance of 30 feet. Since settlement is a function of footing sustained load, size and contact bearing pressure, differential settlement can be expected between adjacent columns or walls where a large differential loading condition exists.

Potential seismically induced differential settlement is estimated to be less than ½ inch over a horizontal distance of 40 feet.

3.3.5 Foundation Recommendations for Light Standards

We assume that the proposed light standards will be supported on pre-fabricated conical bases inserted into drilled shafts backfilled with concrete slurry. Lateral bearing resistance for the proposed light standard pile foundations may be based on a passive earth pressure (an equivalent fluid pressure) of 300 pcf (with a maximum value of 4,500 psf), ignoring the upper 1 foot of soil in non-paved areas. This lateral bearing value assumes that the pole will not be adversely affected by a 0.5-inch deflection at the ground surface.

We recommend an allowable axial resistance in compression for these foundations consisting of 300 psf for allowable skin friction, ignoring the upper 5 feet and bottom one diameter, and an allowable end bearing of 3,000 psf (assuming a cleaned-out bottom). These recommendations assume that the footings will be embedded firmly against native soil.

The proper construction of caissons is critical to for satisfactory foundation support. Care in drilling and placement of bases and/or steel and concrete will be essential to the quality of the caissons. For end-bearing piles, prior to placement of concrete, loose materials at the bottom of the excavation should be removed. If a flight auger is used for drilling, it may be necessary to drill the bottom 3 feet with a bucket auger to achieve adequate cleanout of loose or disturbed soils. Alternative methods for cleaning the bottom of the caisson boring may be considered.

If the caisson excavation has had standing water for 12 hours or more prior to concrete placement, the bottom should be redrilled at least two more feet and cleaned of loose debris. Standing water should be pumped out prior to pouring concrete. In lieu of removing standing water prior to placing concrete (i.e., pumping water), the concrete may be placed by the tremmie method to displace collected water. The solid tremmie tube should be long enough to reach the bottom, with the lower end immersed in the concrete just deposited. The concrete should not be allowed to be placed through the water. When over 3 inches of water is present in borings, a concrete mix with a strength of 1000 psi over the design strength should be used. An admixture that reduces segregation of paste/aggregates and dilution of paste should be included.

It is possible that caving or sloughing may occur during caisson construction within very granular soil layers.

Concrete placement by pumping and trimie tube starting from the bottom of the caisson borings is recommended. Concrete placement should be continuous. Prior to steel and concrete placement, drilled shaft borings should be observed and accepted by the geotechnical consultant.

3.4 Recommendations for Slabs-On-Grade

Concrete slabs-on-grade should be designed by the structural engineer in accordance with the current CBC for a soil with a very low expansion potential. Testing to confirm the expansion potential of the near surface soil should be conducted during site grading.

Where conventional light floor loading conditions exist, the following minimum recommendations should be used. More stringent requirements may be required by local agencies, the structural engineer, the architect, or the CBC. Slabs-on-grade should have the following minimum recommended components:

Subgrade Over Optimum: The subgrade soil should be moisture conditioned to at least 2 percent above optimum moisture content to a minimum depth of 12 inches prior to placing the moisture retarder, steel or concrete.

Moisture Retarder: A moisture retarder consisting of 10-mil (minimum) Visqueen (or approved equivalent) should be placed below slabs where moisture-sensitive floor coverings or equipment is planned. The moisture retarder should

be underlain by a minimum of 2 inches of sand. The structural engineer should specify pertinent concrete design parameters, such as whether or not a sand blotter layer should be placed over the vapor retarder. Gravel or other protruding objects that could puncture the moisture retarder should be removed from the subgrade prior to placing the retarder.

Concrete Thickness: Slabs-on-grade should be at least 4 inches thick. Reinforcing steel should be designed by the structural engineer, but as a minimum should be No. 3 rebar placed at 18 inches on center, each direction, mid-depth in the slab.

Minor cracking of the concrete as it cures, due to drying and shrinkage is normal and should be expected. However, cracking is often aggravated by a high water/cement ratio, high concrete temperature at the time of placement, small nominal aggregate size, and rapid moisture loss due to hot, dry, and/or windy weather conditions during placement and curing. Cracking due to temperature and moisture fluctuations can also be expected. Low slump concrete can reduce the potential for shrinkage cracking. Additionally, our experience indicates that reinforcement in slabs and foundations can generally reduce the potential for concrete cracking. The structural engineer should consider these components in slab design and specifications.

Moisture retarders can reduce, but not eliminate moisture vapor rise from the underlying soils up through the slab. Floor covering manufacturers should be consulted for specific recommendations. Leighton does not practice in the field of moisture vapor transmission evaluation, since this is not specifically a geotechnical issue. Therefore, we recommend that a qualified person, such as the flooring subcontractor and/or structural engineer, be consulted with to evaluate the general and specific moisture vapor transmission paths and any impact on the proposed construction. That person should provide recommendations for mitigation of potential adverse impact of moisture vapor transmission on various components of the structures as deemed appropriate.

3.5 Retaining Walls

We recommend that retaining walls, if planned for this project, be backfilled with very low expansive soil, and constructed with a backdrain in accordance with the recommendations provided on Figure 8, *Retaining Wall Backfill and Subdrain Detail*. Using expansive soil as retaining wall backfill will result in higher lateral earth pressures exerted on the wall. Based on these recommendations, the following parameters may be used for the design of conventional retaining walls with a level backfill:

Table 2. Retaining Walls with Level Backfill

Conditions	Equivalent Fluid Pressure (pounds-per-cubic-foot)
Active (cantilever)	35
At-Rest (braced)	55
Passive	260 (allowable) (Maximum of 3,500 psf)

Cantilever walls that are designed to yield at least $0.001H$, where H is equal to the wall height, may be designed using the active condition. Rigid walls and walls braced at the top should be designed using the at-rest condition. Passive pressure is used to compute soil resistance to lateral structural movement. In addition, for sliding resistance, a frictional resistance coefficient of 0.35 may be used at the concrete and soil interface. The lateral passive resistance should be taken into account only if it is ensured that soil providing passive resistance, embedded against the foundation elements, will remain intact with time. The above lateral earth pressure values do not contain an appreciable factor of safety expect for the passive pressure, which already includes a factor of safety of 1.5. The structural engineer should apply the applicable factors of safety and/or load factors during design.

In addition to the above lateral forces due to retained earth, surcharge due to improvements, such as an adjacent structure or traffic loading, should be considered in the design of the retaining wall. Loads applied within a 1:1 projection from the surcharging structure on the stem of the wall should be considered in the design. A third of uniform vertical surcharge-loads should be applied as a horizontal pressure on cantilever (active) retaining walls, while half of uniform vertical surcharge loads should be applied as a horizontal pressure on braced (at-rest) retaining walls. To account for automobile parking surcharge, we suggest that a uniform horizontal pressure of 100 psf (for restrained walls) or 70 psf (for cantilever walls) be added for design, where autos are parked within a horizontal distance behind the retaining wall less than the height of the retaining wall stem. For sliding and overturning analyses, soil unit weight of 120 pcf may be assumed for calculating the actual weight of soil over wall footings.

Where applicable, an equivalent fluid weight of 15 pcf of incremental seismic earth pressures may be used in addition to static earth pressures presented in the table above, such as for walls over 12 feet tall. For these incremental seismic earth pressure calculations, the Mononabe-Okabe relationship was used. It should be noted that this

recommended seismic earth pressure should be applied as an inverted triangle in vertical section, with the largest earth pressure occurring at the top of the retaining wall. The resultant seismic earth pressure force is applied at approximately 0.6H from the bottom of the wall, where H is the wall height.

Retaining wall footings should have a minimum width of 24 inches and a minimum embedment of 12 inches below the lowest adjacent grade. An allowable bearing pressure of 2,000 psf may be used for retaining wall footing design, based on the minimum footing width and depth. This bearing value may be increased by 300 psf per foot increase in width or depth to a maximum allowable bearing pressure of 4,000 psf.

3.6 Sulfate Attack and Ferrous Corrosion Protection

Concrete structures in contact with the onsite soil are expected to have negligible exposure to water-soluble sulfates in the soil. Therefore, common Type II Portland cement may be used for concrete construction onsite. Concrete should be designed in accordance with Table 4.3.1 of the American Concrete Institute ACI 318-05 provisions (ACI, 2005). Verification testing should be conducted during grading.

The onsite soils are considered moderately corrosive to ferrous metals. A corrosion engineer should be consulted if specific recommendations are required. Corrosion information presented in this report should be provided to your underground utility contractors.

3.7 Pavement Design

Based on the design procedures outlined in the current Caltrans Highway Design Manual and an assumed R-value of 66 for the near-surface silty sand encountered, flexible pavement sections may consist of the following for the Traffic Indices (TI) indicated.

Table 3. Asphalt Pavement Sections

Traffic Index	Asphalt Concrete (AC) Thickness (inches)	Class 2 Aggregate Base (AB) Thickness (inch)
Playground AC (without vehicle traffic)	3	n/a
5 or less (auto access and parking)	3	4
7 (truck access or bus lane)	4	4

If the pavement is to be constructed prior to construction of the structures, we recommend that the full depth of the pavement section be placed in order to support heavy construction traffic.

In areas where rigid concrete pavement is planned for construction, we recommend 7.5 inches of Portland Cement Concrete (PCC) over 4 inches of aggregate base placed on prepared subgrade soil (see Section 3.1). Because the concrete will crack, the PCC pavement sections should be provided with crack-control joints spaced no more than 12 feet on center each way, to control where cracks develop. If sawcuts are used, they should have a minimum depth of $\frac{1}{4}$ of the slab thickness and made within 24 hours of concrete placement. We recommend that sections be as nearly square as possible. Use of reinforcing, such as No. 3 rebar 24 inches on center, will also help reduce severity of cracking.

PCC sidewalks should be at least 4 inches thick over prepared subgrade soil, with construction joints no more than 8 feet on center each way, with sections as nearly square as possible. Use of reinforcing, such as welded-wire mesh, will help reduce severity of cracking.

All pavement and concrete hardscape construction should be performed in accordance with the Standard Specifications for Public Works Construction. Field inspection and periodic testing, as needed during placement of the base course materials, should be undertaken to evaluate whether the requirements of the standard specifications are fulfilled. Prior to placement of aggregate base, the subgrade soil should be processed to a minimum depth of 6 inches, moisture-conditioned, as necessary, and recompact to a minimum of 90 percent relative compaction as determined by ASTM Test Method D1557 (95 percent for full depth asphalt, such as for playground areas). Aggregate base should be moisture conditioned, as necessary, and compacted to a minimum of 95 percent relative compaction.

3.8 Temporary Excavations

All temporary excavations, including utility trenches, retaining wall excavations and other excavations should be performed in accordance with project plans, specifications and all OSHA requirements, and the current edition of the California Construction Safety Orders (2003 or more current).

No surcharge loads should be permitted within a horizontal distance equal to the height of cut or 5 feet, whichever is greater from the top of the slope, unless the cut is shored

appropriately. Excavations that extend below an imaginary plane inclined at 45 degrees below the edge of any adjacent existing site foundation should be properly shored to maintain support of the adjacent structures.

Cantilever shoring should be designed based on an active fluid pressure of 37 pcf. If excavations are braced at the top and at specific design intervals, the active pressure may then be approximated by a rectangular soil pressure distribution with the pressure per foot of width equal to $22H$, where H is equal to the depth of the excavation being shored.

During construction, the soil conditions should be regularly evaluated to verify that conditions are as anticipated. The contractor should be responsible for providing the "competent person" required by Cal-OSHA standards to evaluate soil conditions. Close coordination between the competent person and the geotechnical engineer should be maintained to facilitate construction while providing safe excavations.

3.9 Trench Backfill

Utility-type trenches onsite can be backfilled with onsite material, provided it is free of debris, significant organic material and oversized material. Prior to backfilling the trench, pipes should be bedded and shaded in a granular material that has a sand equivalent of 30 or greater. We recommend that open-graded crushed rock or similar material not be used as bedding material, unless special provisions are implemented to limit the migration of surrounding soil into the open-graded material. The bedding material should extend 12 inches above the top of the pipe. The bedding/shading sand should be densified in-place by mechanical means, or in areas where the trench walls and bottom have a minimum sand equivalent of 15, the bedding sand may be jetted. Bedding sand should be placed in accordance with the Standard Specifications for Public Works Construction (Greenbook), current edition. The native soil fill should be placed in loose layers, moisture conditioned, as necessary, and mechanically compacted using a minimum standard of 90 percent relative compaction based on ASTM D1557. The thickness of layers should be based on the compaction equipment used in accordance with the current Standard Specifications for Public Works Construction (Greenbook).

3.10 Surface Drainage

Positive surface drainage should be provided to direct surface water away from structures and towards suitable collective drainage facilities. Surface drainage should be provided to prevent ponding of water adjacent to structures. In general, the area around the

buildings should slope away from the buildings. Care should be taken to avoid heavy irrigation, and under-irrigation should also be avoided.

3.11 Additional Geotechnical Services

The geotechnical recommendations presented in this report are based on subsurface conditions as interpreted from limited subsurface explorations and limited laboratory testing. Our geotechnical recommendations provided in this report are based on information available at the time the report was prepared and may change as plans are developed. Leighton should review the site and grading plans when available and comment further on the geotechnical aspects of the project. Our conclusions and recommendations should be reviewed and verified by Leighton during construction and revised accordingly if geotechnical conditions encountered vary from our findings and interpretations. Geotechnical observation and testing should be provided:

- During overexcavation of compressible soil.
- During compaction of all fill materials.
- After excavation of all footings and prior to placement of concrete.
- During utility trench bedding, backfilling and compaction.
- During pavement subgrade and base preparation.
- When any unusual conditions are encountered.

3.12 Limitations

This report was based in part on data obtained from a limited number of observations, site visits, soil excavations, samples, and tests. Such information is, by necessity, incomplete. The nature of many sites is such that differing soil or geologic conditions can be present within small distances and under varying climatic conditions. Changes in subsurface conditions can and do occur over time. Therefore, our findings, conclusions, and recommendations presented in this report are based on the assumption that Leighton Consulting, Inc. will provide geotechnical observation and testing during construction.

IMPORTANT: All public school geotechnical reports in California are to be reviewed by the California Geological Survey (CGS) with oversight by the California Division of the State Architect (DSA). CGS and DSA requirements change and evolve with time. Geologic data in this report is not valid for a public school project until it is reviewed and approved by CGS. Anyone using this report before CGS approval does so at their own risk, and we assume they will indemnify, defend and hold harmless Leighton Consulting, Inc. from and against any and all alleged or real damage claims, including consequential

damages, arising from premature use of this report before CGS approval with DSA concurrence.

Environmental services were not included as part of this study. This report was prepared for the sole use of Riverside Unified School District for application to the design of the proposed North High School athletic fields and facilities project in accordance with generally accepted geotechnical engineering practices at this time in California.

3.13 ASFE Important Information about this Geotechnical Engineering Report

See ASFE insert on the following page.

Important Information about Your Geotechnical Engineering Report

Subsurface problems are a principal cause of construction delays, cost overruns, claims, and disputes.

While you cannot eliminate all such risks, you can manage them. The following information is provided to help.

Geotechnical Services Are Performed for Specific Purposes, Persons, and Projects

Geotechnical engineers structure their services to meet the specific needs of their clients. A geotechnical engineering study conducted for a civil engineer may not fulfill the needs of a construction contractor or even another civil engineer. Because each geotechnical engineering study is unique, each geotechnical engineering report is unique, prepared *solely* for the client. No one except you should rely on your geotechnical engineering report without first conferring with the geotechnical engineer who prepared it. *And no one — not even you — should apply the report for any purpose or project except the one originally contemplated.*

Read the Full Report

Serious problems have occurred because those relying on a geotechnical engineering report did not read it all. Do not rely on an executive summary. Do not read selected elements only.

A Geotechnical Engineering Report Is Based on A Unique Set of Project-Specific Factors

Geotechnical engineers consider a number of unique, project-specific factors when establishing the scope of a study. Typical factors include: the client's goals, objectives, and risk management preferences; the general nature of the structure involved, its size, and configuration; the location of the structure on the site; and other planned or existing site improvements, such as access roads, parking lots, and underground utilities. Unless the geotechnical engineer who conducted the study specifically indicates otherwise, do not rely on a geotechnical engineering report that was:

- not prepared for you,
- not prepared for your project,
- not prepared for the specific site explored, or
- completed before important project changes were made.

Typical changes that can erode the reliability of an existing geotechnical engineering report include those that affect:

- the function of the proposed structure, as when it's changed from a parking garage to an office building, or from a light industrial plant to a refrigerated warehouse,

- elevation, configuration, location, orientation, or weight of the proposed structure,
- composition of the design team, or
- project ownership.

As a general rule, *always* inform your geotechnical engineer of project changes—even minor ones—and request an assessment of their impact. *Geotechnical engineers cannot accept responsibility or liability for problems that occur because their reports do not consider developments of which they were not informed.*

Subsurface Conditions Can Change

A geotechnical engineering report is based on conditions that existed at the time the study was performed. *Do not rely on a geotechnical engineering report* whose adequacy may have been affected by: the passage of time; by man-made events, such as construction on or adjacent to the site; or by natural events, such as floods, earthquakes, or groundwater fluctuations. *Always* contact the geotechnical engineer before applying the report to determine if it is still reliable. A minor amount of additional testing or analysis could prevent major problems.

Most Geotechnical Findings Are Professional Opinions

Site exploration identifies subsurface conditions only at those points where subsurface tests are conducted or samples are taken. Geotechnical engineers review field and laboratory data and then apply their professional judgment to render an opinion about subsurface conditions throughout the site. Actual subsurface conditions may differ—sometimes significantly—from those indicated in your report. Retaining the geotechnical engineer who developed your report to provide construction observation is the most effective method of managing the risks associated with unanticipated conditions.

A Report's Recommendations Are Not Final

Do not overrely on the construction recommendations included in your report. *Those recommendations are not final*, because geotechnical engineers develop them principally from judgment and opinion. Geotechnical engineers can finalize their recommendations only by observing actual

subsurface conditions revealed during construction. *The geotechnical engineer who developed your report cannot assume responsibility or liability for the report's recommendations if that engineer does not perform construction observation.*

A Geotechnical Engineering Report Is Subject to Misinterpretation

Other design team members' misinterpretation of geotechnical engineering reports has resulted in costly problems. Lower that risk by having your geotechnical engineer confer with appropriate members of the design team after submitting the report. Also retain your geotechnical engineer to review pertinent elements of the design team's plans and specifications. Contractors can also misinterpret a geotechnical engineering report. Reduce that risk by having your geotechnical engineer participate in prebid and preconstruction conferences, and by providing construction observation.

Do Not Redraw the Engineer's Logs

Geotechnical engineers prepare final boring and testing logs based upon their interpretation of field logs and laboratory data. To prevent errors or omissions, the logs included in a geotechnical engineering report should *never* be redrawn for inclusion in architectural or other design drawings. Only photographic or electronic reproduction is acceptable, *but recognize that separating logs from the report can elevate risk.*

Give Contractors a Complete Report and Guidance

Some owners and design professionals mistakenly believe they can make contractors liable for unanticipated subsurface conditions by limiting what they provide for bid preparation. To help prevent costly problems, give contractors the complete geotechnical engineering report, *but* preface it with a clearly written letter of transmittal. In that letter, advise contractors that the report was not prepared for purposes of bid development and that the report's accuracy is limited; encourage them to confer with the geotechnical engineer who prepared the report (a modest fee may be required) and/or to conduct additional study to obtain the specific types of information they need or prefer. A prebid conference can also be valuable. *Be sure contractors have sufficient time* to perform additional study. Only then might you be in a position to give contractors the best information available to you, while requiring them to at least share some of the financial responsibilities stemming from unanticipated conditions.

Read Responsibility Provisions Closely

Some clients, design professionals, and contractors do not recognize that geotechnical engineering is far less exact than other engineering disciplines. This lack of understanding has created unrealistic expectations that

have led to disappointments, claims, and disputes. To help reduce the risk of such outcomes, geotechnical engineers commonly include a variety of explanatory provisions in their reports. Sometimes labeled "limitations" many of these provisions indicate where geotechnical engineers' responsibilities begin and end, to help others recognize their own responsibilities and risks. *Read these provisions closely.* Ask questions. Your geotechnical engineer should respond fully and frankly.

Geoenvironmental Concerns Are Not Covered

The equipment, techniques, and personnel used to perform a *geoenvironmental* study differ significantly from those used to perform a *geotechnical* study. For that reason, a geotechnical engineering report does not usually relate any geoenvironmental findings, conclusions, or recommendations; e.g., about the likelihood of encountering underground storage tanks or regulated contaminants. *Unanticipated environmental problems have led to numerous project failures.* If you have not yet obtained your own geoenvironmental information, ask your geotechnical consultant for risk management guidance. *Do not rely on an environmental report prepared for someone else.*

Obtain Professional Assistance To Deal with Mold

Diverse strategies can be applied during building design, construction, operation, and maintenance to prevent significant amounts of mold from growing on indoor surfaces. To be effective, all such strategies should be devised for the *express purpose* of mold prevention, integrated into a comprehensive plan, and executed with diligent oversight by a professional mold prevention consultant. Because just a small amount of water or moisture can lead to the development of severe mold infestations, a number of mold prevention strategies focus on keeping building surfaces dry. While groundwater, water infiltration, and similar issues may have been addressed as part of the geotechnical engineering study whose findings are conveyed in this report, the geotechnical engineer in charge of this project is not a mold prevention consultant; ***none of the services performed in connection with the geotechnical engineer's study were designed or conducted for the purpose of mold prevention. Proper implementation of the recommendations conveyed in this report will not of itself be sufficient to prevent mold from growing in or on the structure involved.***

Rely, on Your ASFE-Member Geotechnical Engineer for Additional Assistance

Membership in ASFE/The Best People on Earth exposes geotechnical engineers to a wide array of risk management techniques that can be of genuine benefit for everyone involved with a construction project. Confer with you ASFE-member geotechnical engineer for more information.



8811 Colesville Road/Suite G106, Silver Spring, MD 20910
Telephone: 301/565-2733 Facsimile: 301/589-2017
e-mail: info@asfe.org www.asfe.org

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IIGER06075.0MRP

Important Information about Your Geotechnical Engineering Report

Subsurface problems are a principal cause of construction delays, cost overruns, claims, and disputes.

While you cannot eliminate all such risks, you can manage them. The following information is provided to help.

Geotechnical Services Are Performed for Specific Purposes, Persons, and Projects

Geotechnical engineers structure their services to meet the specific needs of their clients. A geotechnical engineering study conducted for a civil engineer may not fulfill the needs of a construction contractor or even another civil engineer. Because each geotechnical engineering study is unique, each geotechnical engineering report is unique, prepared *solely* for the client. No one except you should rely on your geotechnical engineering report without first conferring with the geotechnical engineer who prepared it. *And no one — not even you — should apply the report for any purpose or project except the one originally contemplated.*

Read the Full Report

Serious problems have occurred because those relying on a geotechnical engineering report did not read it all. Do not rely on an executive summary. Do not read selected elements only.

A Geotechnical Engineering Report Is Based on A Unique Set of Project-Specific Factors

Geotechnical engineers consider a number of unique, project-specific factors when establishing the scope of a study. Typical factors include: the client's goals, objectives, and risk management preferences; the general nature of the structure involved, its size, and configuration; the location of the structure on the site; and other planned or existing site improvements, such as access roads, parking lots, and underground utilities. Unless the geotechnical engineer who conducted the study specifically indicates otherwise, do not rely on a geotechnical engineering report that was:

- not prepared for you,
- not prepared for your project,
- not prepared for the specific site explored, or
- completed before important project changes were made.

Typical changes that can erode the reliability of an existing geotechnical engineering report include those that affect:

- the function of the proposed structure, as when it's changed from a parking garage to an office building, or from a light industrial plant to a refrigerated warehouse,

- elevation, configuration, location, orientation, or weight of the proposed structure,
- composition of the design team, or
- project ownership.

As a general rule, *always* inform your geotechnical engineer of project changes—even minor ones—and request an assessment of their impact. *Geotechnical engineers cannot accept responsibility or liability for problems that occur because their reports do not consider developments of which they were not informed.*

Subsurface Conditions Can Change

A geotechnical engineering report is based on conditions that existed at the time the study was performed. *Do not rely on a geotechnical engineering report* whose adequacy may have been affected by: the passage of time; by man-made events, such as construction on or adjacent to the site; or by natural events, such as floods, earthquakes, or groundwater fluctuations. *Always* contact the geotechnical engineer before applying the report to determine if it is still reliable. A minor amount of additional testing or analysis could prevent major problems.

Most Geotechnical Findings Are Professional Opinions

Site exploration identifies subsurface conditions only at those points where subsurface tests are conducted or samples are taken. Geotechnical engineers review field and laboratory data and then apply their professional judgment to render an opinion about subsurface conditions throughout the site. Actual subsurface conditions may differ—sometimes significantly—from those indicated in your report. Retaining the geotechnical engineer who developed your report to provide construction observation is the most effective method of managing the risks associated with unanticipated conditions.

A Report's Recommendations Are *Not* Final

Do not overrely on the construction recommendations included in your report. *Those recommendations are not final*, because geotechnical engineers develop them principally from judgment and opinion. Geotechnical engineers can finalize their recommendations only by observing actual

subsurface conditions revealed during construction. *The geotechnical engineer who developed your report cannot assume responsibility or liability for the report's recommendations if that engineer does not perform construction observation.*

A Geotechnical Engineering Report Is Subject to Misinterpretation

Other design team members' misinterpretation of geotechnical engineering reports has resulted in costly problems. Lower that risk by having your geotechnical engineer confer with appropriate members of the design team after submitting the report. Also retain your geotechnical engineer to review pertinent elements of the design team's plans and specifications. Contractors can also misinterpret a geotechnical engineering report. Reduce that risk by having your geotechnical engineer participate in prebid and preconstruction conferences, and by providing construction observation.

Do Not Redraw the Engineer's Logs

Geotechnical engineers prepare final boring and testing logs based upon their interpretation of field logs and laboratory data. To prevent errors or omissions, the logs included in a geotechnical engineering report should *never* be redrawn for inclusion in architectural or other design drawings. Only photographic or electronic reproduction is acceptable, *but recognize that separating logs from the report can elevate risk.*

Give Contractors a Complete Report and Guidance

Some owners and design professionals mistakenly believe they can make contractors liable for unanticipated subsurface conditions by limiting what they provide for bid preparation. To help prevent costly problems, give contractors the complete geotechnical engineering report, *but* preface it with a clearly written letter of transmittal. In that letter, advise contractors that the report was not prepared for purposes of bid development and that the report's accuracy is limited; encourage them to confer with the geotechnical engineer who prepared the report (a modest fee may be required) and/or to conduct additional study to obtain the specific types of information they need or prefer. A prebid conference can also be valuable. *Be sure contractors have sufficient time* to perform additional study. Only then might you be in a position to give contractors the best information available to you, while requiring them to at least share some of the financial responsibilities stemming from unanticipated conditions.

Read Responsibility Provisions Closely

Some clients, design professionals, and contractors do not recognize that geotechnical engineering is far less exact than other engineering disciplines. This lack of understanding has created unrealistic expectations that

have led to disappointments, claims, and disputes. To help reduce the risk of such outcomes, geotechnical engineers commonly include a variety of explanatory provisions in their reports. Sometimes labeled "limitations" many of these provisions indicate where geotechnical engineers' responsibilities begin and end, to help others recognize their own responsibilities and risks. *Read these provisions closely.* Ask questions. Your geotechnical engineer should respond fully and frankly.

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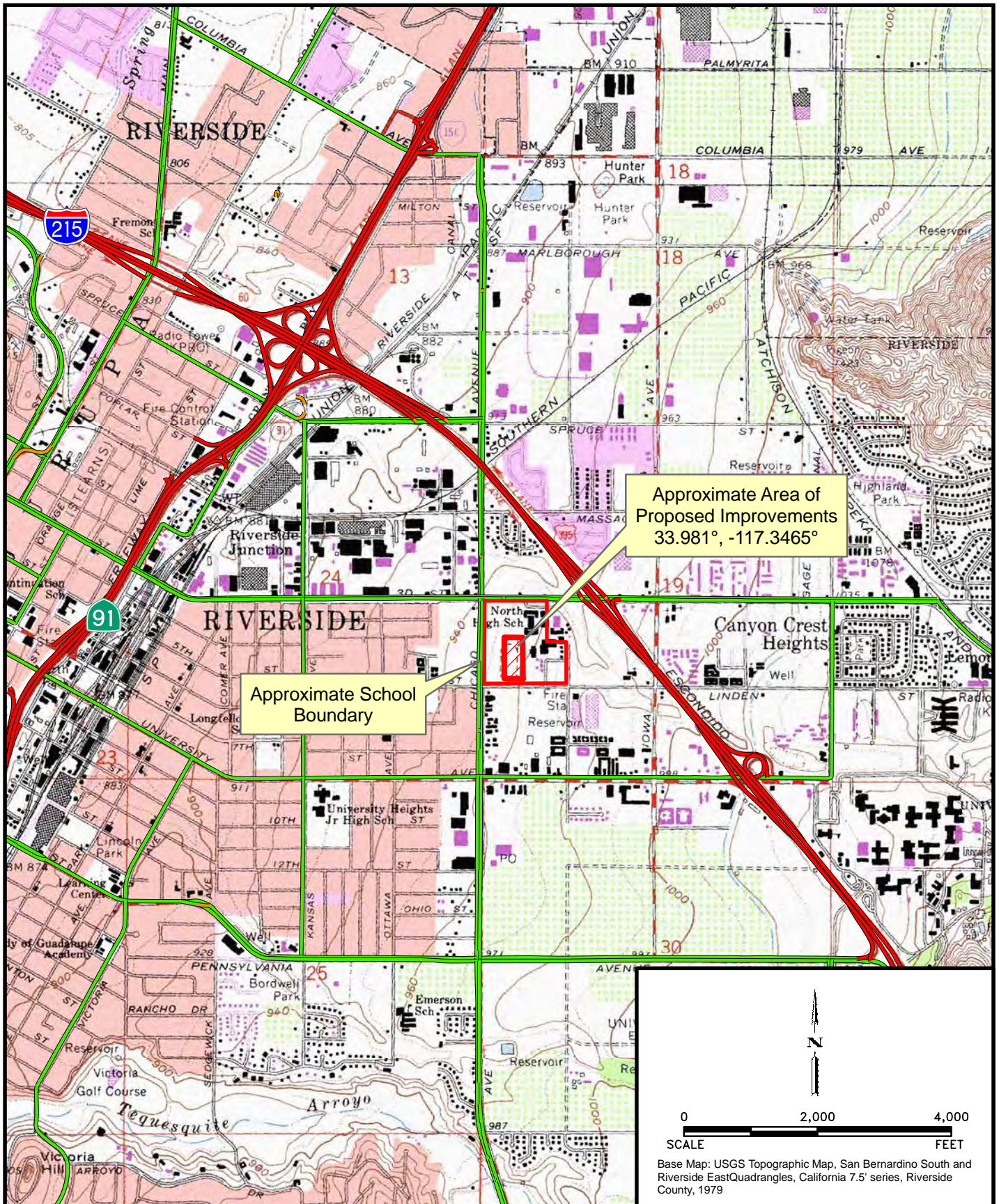
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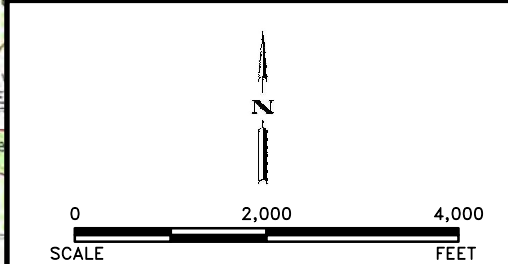
8811 Colesville Road/Suite G106, Silver Spring, MD 20910
Telephone: 301/565-2733 Facsimile: 301/589-2017
e-mail: info@asfe.org www.asfe.org

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Approximate Area of Proposed Improvements
33.981°, -117.3465°

Approximate School Boundary



Base Map: USGS Topographic Map, San Bernardino South and Riverside East Quadrangles, California 7.5' series, Riverside County, 1979

RUSD John W. North High School
1550 Third Street
Riverside, California

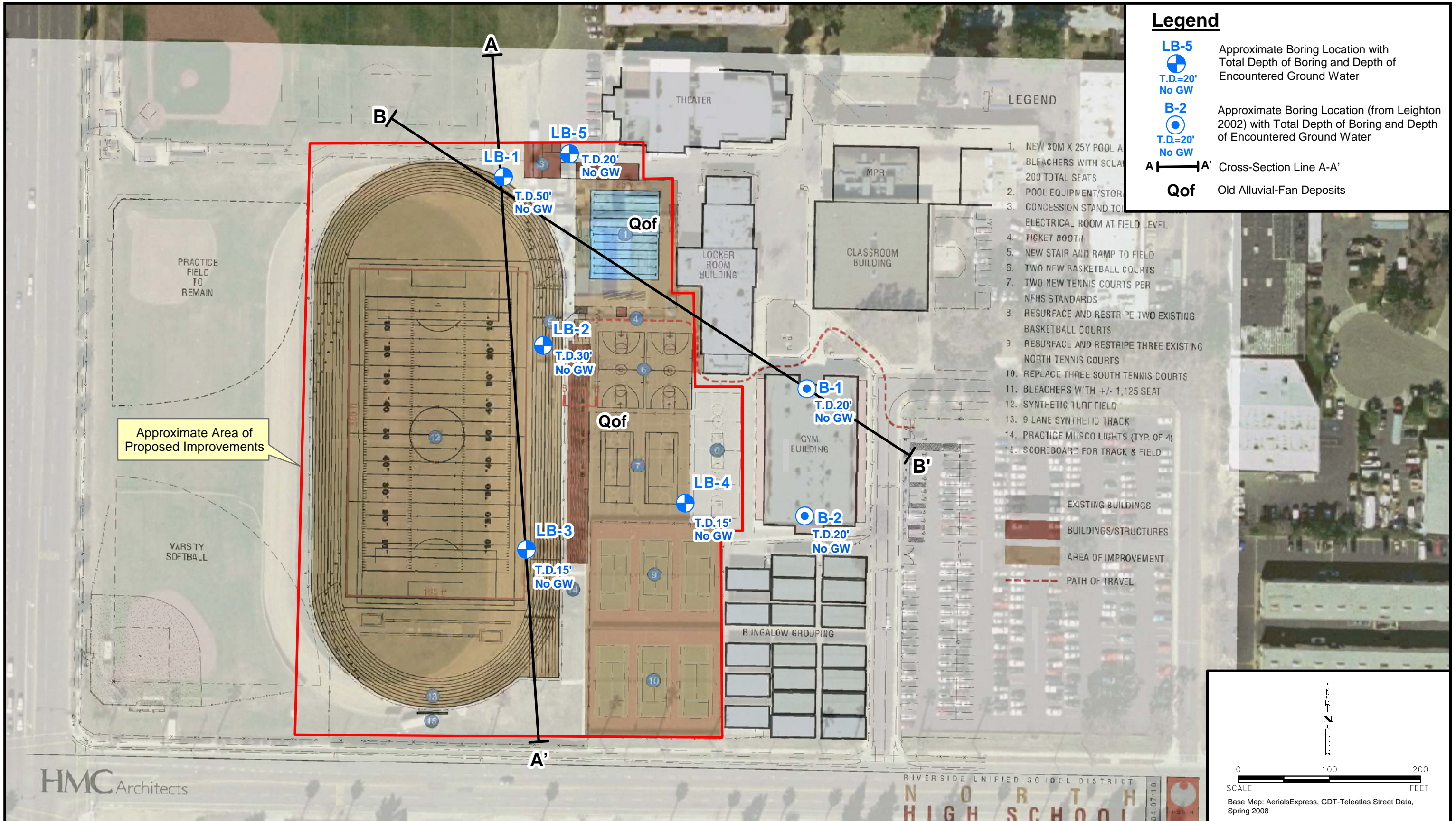
SITE LOCATION MAP

Project No.
602879-001

Date
June 2010



Figure 1



HMC Architects

RUSD John W. North High School
1550 Third Street
Riverside, California

GEOTECHNICAL MAP

Project No.
602879-001
Engr./Geol.
JDH/PB
Scale
1"=100'

Drafted By
MAM
CP By:
JHD
Date
June 2010



Figure 2

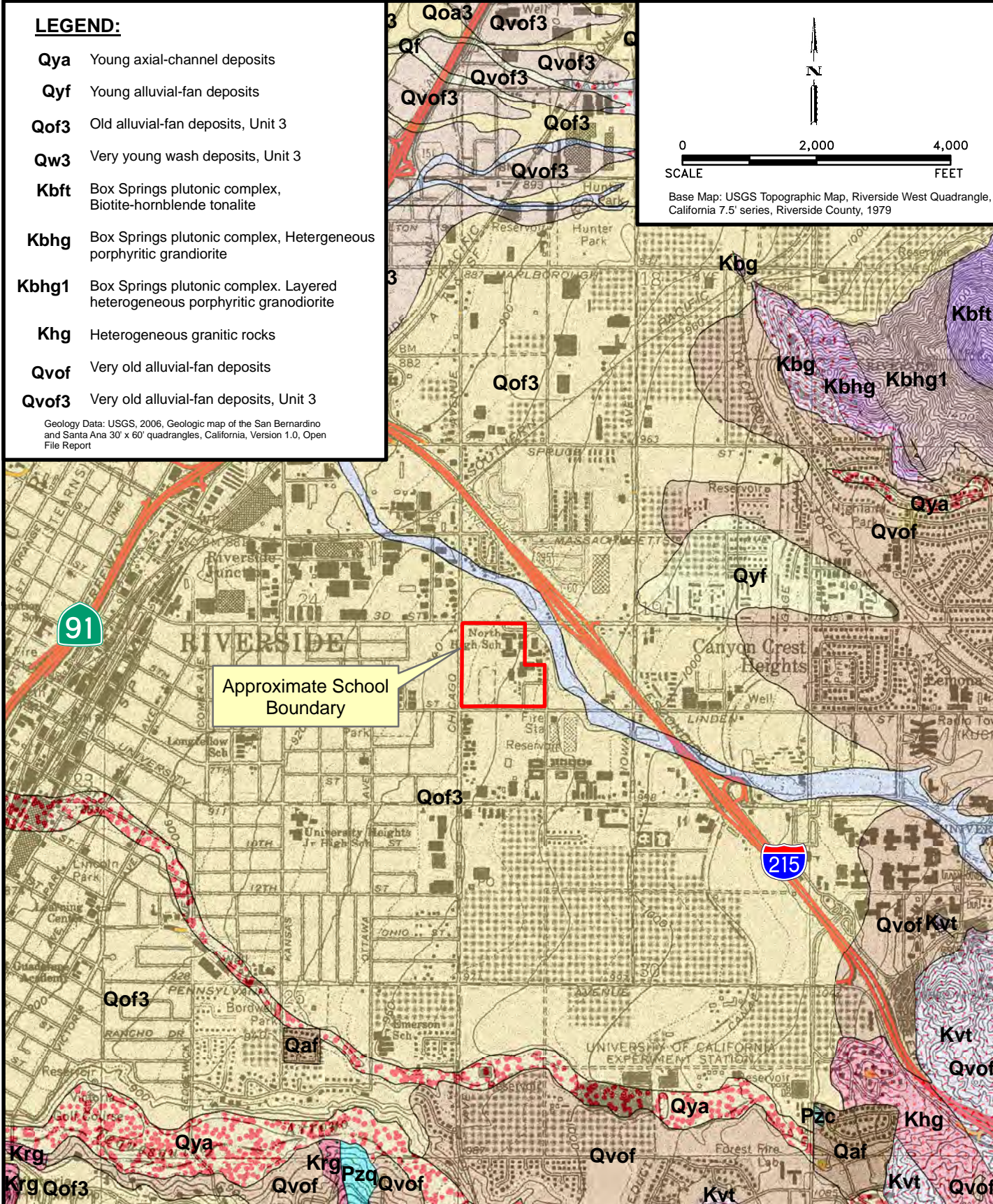
LEGEND:

- Qya** Young axial-channel deposits
- Qyf** Young alluvial-fan deposits
- Qof3** Old alluvial-fan deposits, Unit 3
- Qw3** Very young wash deposits, Unit 3
- Kbft** Box Springs plutonic complex, Biotite-hornblende tonalite
- Kbhg** Box Springs plutonic complex, Heterogeneous porphyritic granodiorite
- Kbhg1** Box Springs plutonic complex. Layered heterogeneous porphyritic granodiorite
- Khg** Heterogeneous granitic rocks
- Qvof** Very old alluvial-fan deposits
- Qvof3** Very old alluvial-fan deposits, Unit 3

Geology Data: USGS, 2006, Geologic map of the San Bernardino and Santa Ana 30' x 60' quadrangles, California, Version 1.0, Open File Report

SCALE 0 2,000 4,000 FEET

Base Map: USGS Topographic Map, Riverside West Quadrangle, California 7.5' series, Riverside County, 1979



RUSD John W. North High School
 1550 Third Street
 Riverside, California

**REGIONAL
 GEOLOGIC
 MAP**

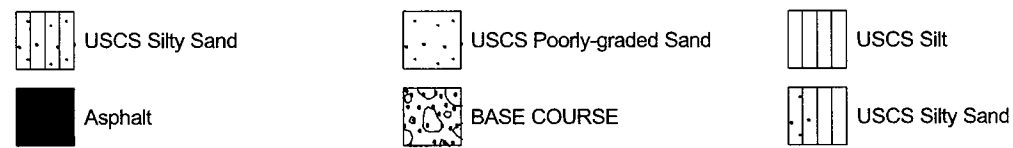
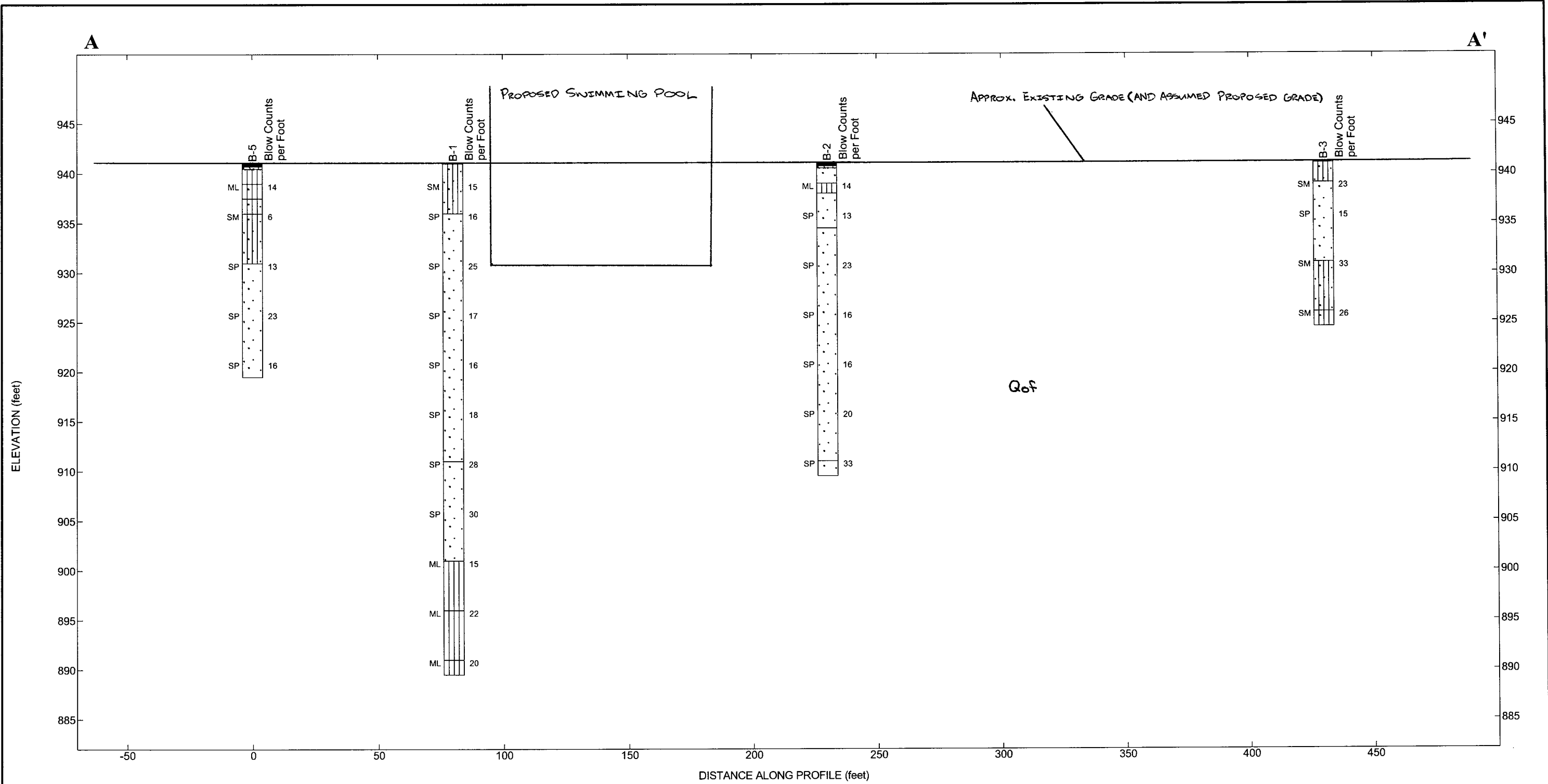
Project No.
 602879-001

Date
 June 2010



Figure 3

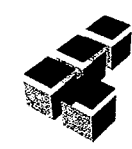
DSA CROSS-SECTION 602878-001 REV. FOR CROSS SECTION AA.GPJ FNC_AB_NWNL01.GDT 6/14/10



Vertical Exaggeration: 4x

Leighton

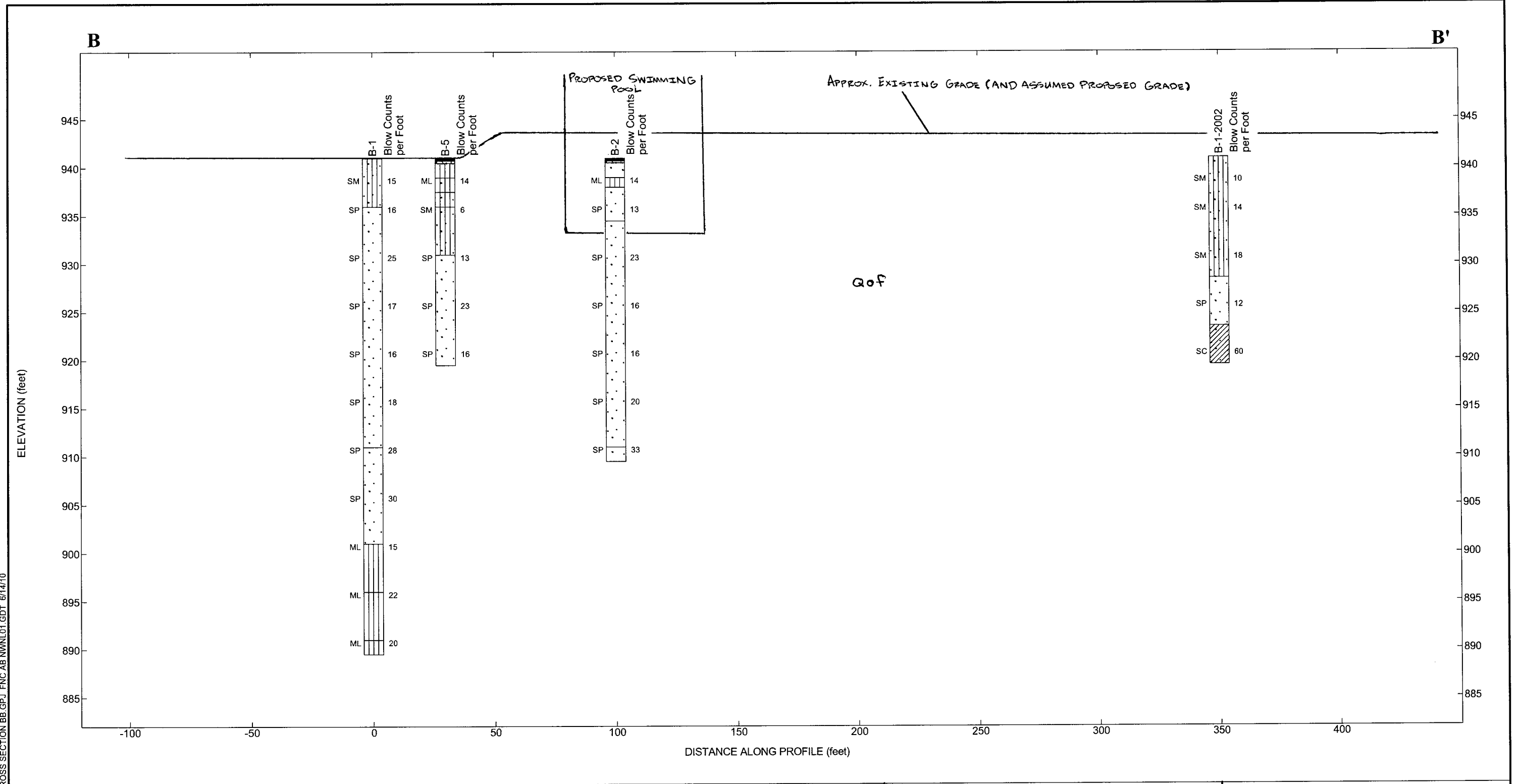
Geotechnical Cross Section A-A'



John W North High School, Riverside USD
1550 Third Street, Riverside, California

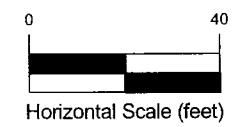
JOB NUMBER	FIGURE NUMBER
602879-001	Figure 4A

DSA CROSS-SECTION 602879-001 REV FOR CROSS SECTION BB.GPJ FNC AB NWNL01.GDT 6/14/10



Lithology Graphics

	USCS Silty Sand		USCS Poorly-graded Sand		USCS Silt
	USCS Clayey Sand		Asphalt		BASE COURSE
	USCS Silty Sand				



Vertical Exaggeration: 4x

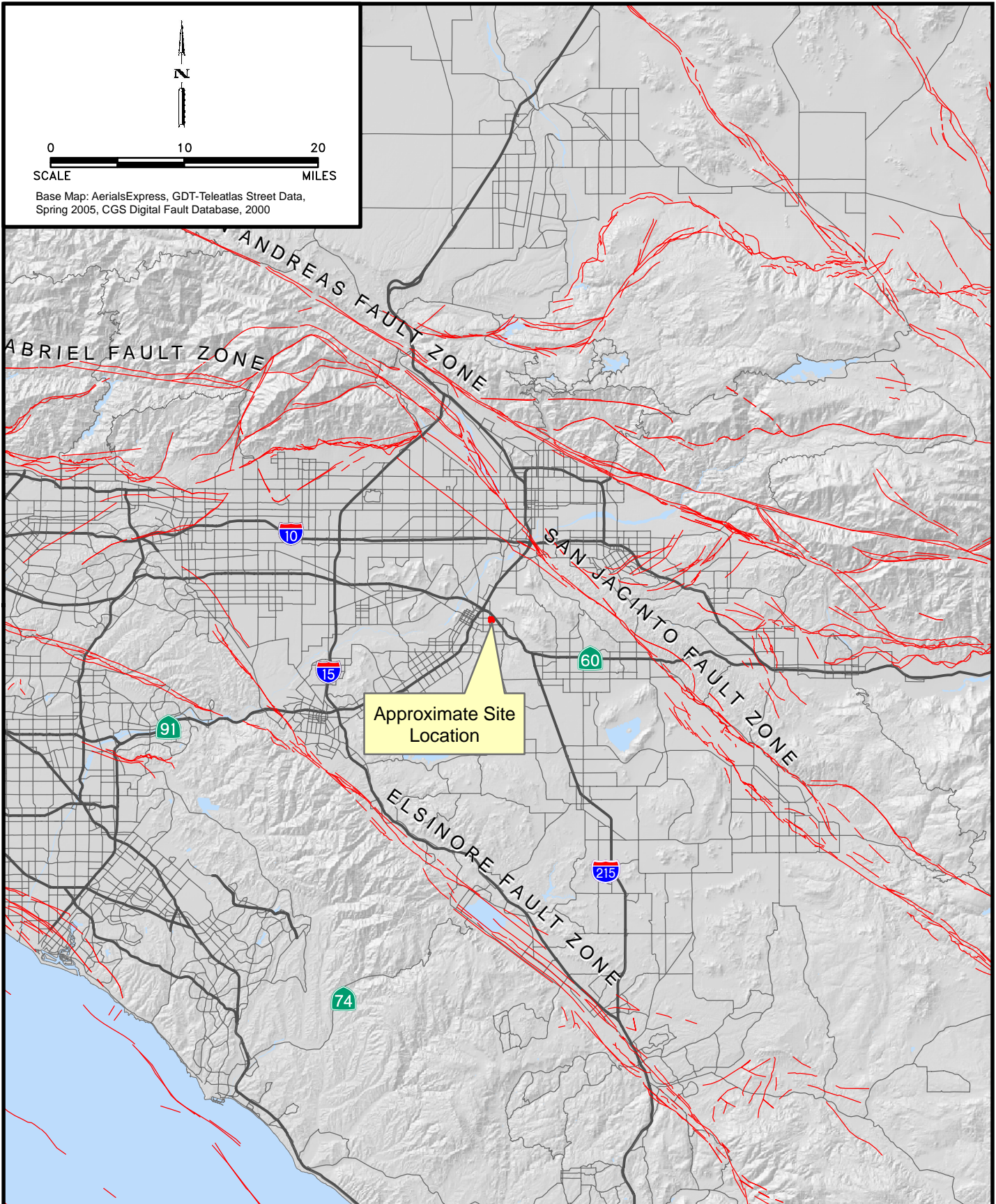
Leighton

Geotechnical Cross Section B-B'



John W North High School, Riverside USD
1550 Third Street, Riverside, California

JOB NUMBER	FIGURE NUMBER
602879-001	Figure 4B



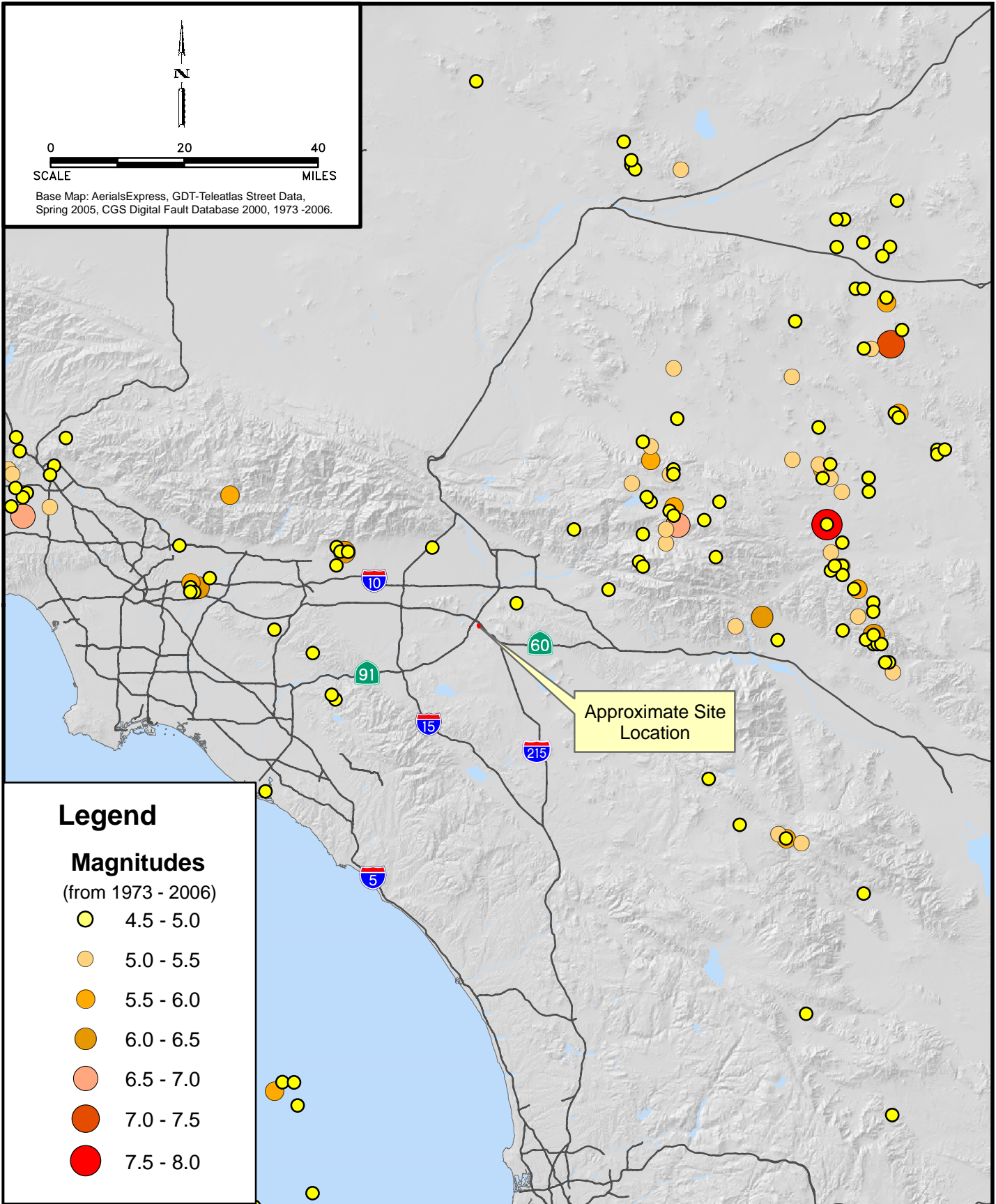
RUSD John W. North High School
1550 Third Street
Riverside, California

**REGIONAL
 FAULT
 MAP**

Project No.
602879-001
 Engr./Geol.
JDH/PB
 Date
June 2010



Figure 5



RUSD John W. North High School
1550 Third Street
Riverside, California

REGIONAL SEISMICITY MAP

Project No.
602879-001
 Engr./Geol.
JDH/PB
 Date
June 2010


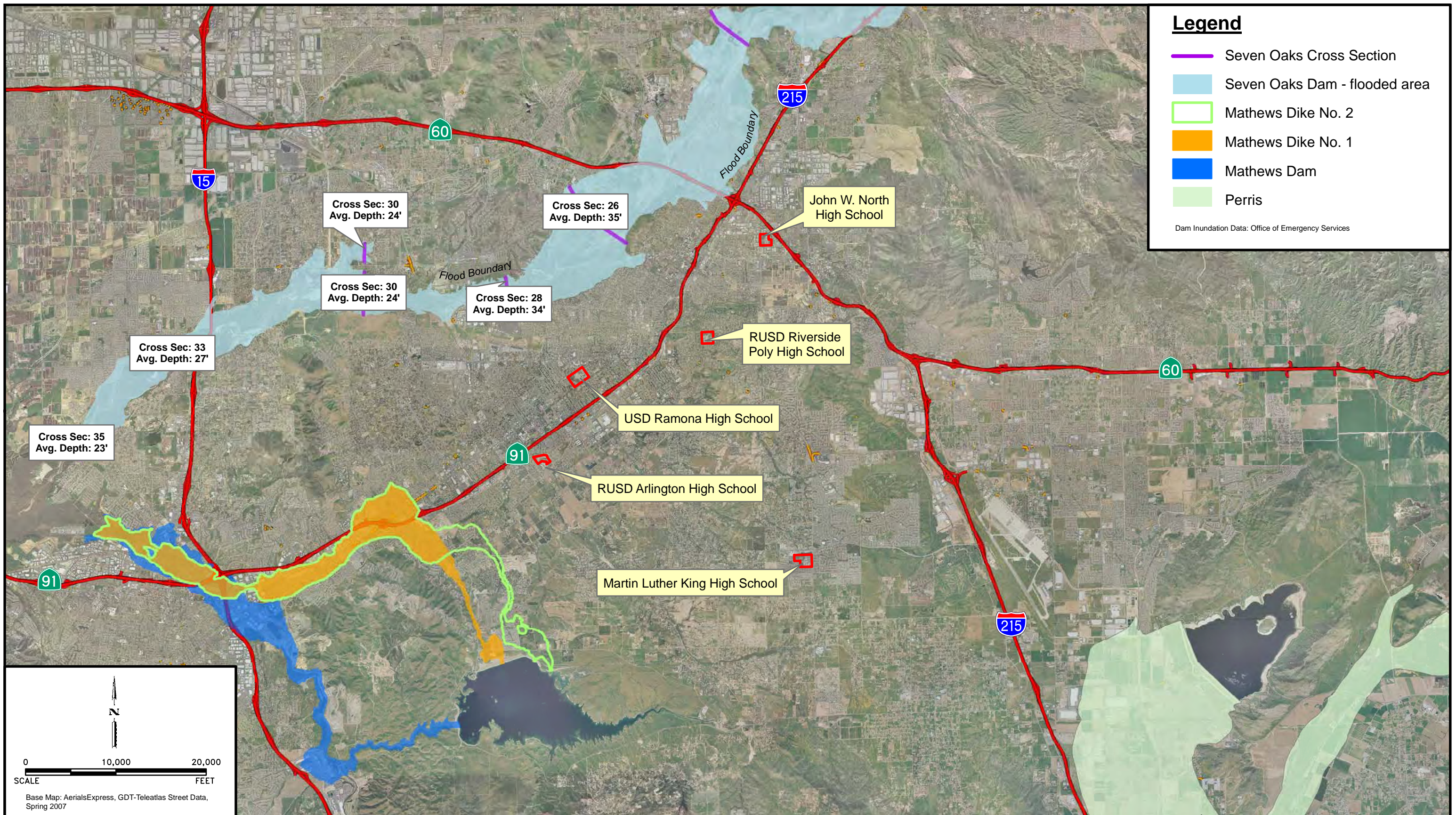


Figure 6



Legend

- Seven Oaks Cross Section
- Seven Oaks Dam - flooded area
- Mathews Dike No. 2
- Mathews Dike No. 1
- Mathews Dam
- Perris

Dam Inundation Data: Office of Emergency Services


N

0 10,000 20,000
SCALE FEET

Base Map: AerialsExpress, GDT-Teleatlas Street Data, Spring 2007

**Riverside Unified School District
Various Schools
Riverside, California**

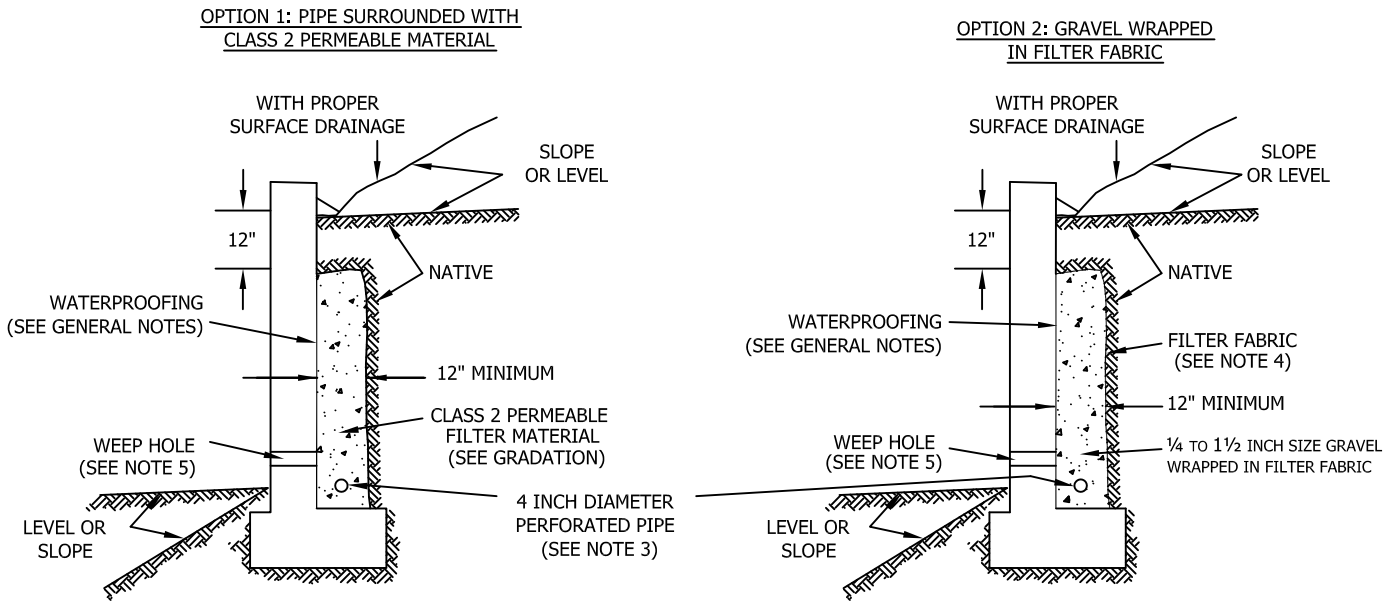
REGIONAL DAM INUNDATION HAZARDS

Project No. 

Date **June 2010**

Figure 7

SUBDRAIN OPTIONS AND BACKFILL WHEN NATIVE MATERIAL HAS EXPANSION INDEX OF ≤ 50



Class 2 Filter Permeable Material Gradation
Per Caltrans Specifications

Sieve Size	Percent Passing
1"	100
3/4"	90-100
3/8"	40-100
No. 4	25-40
No. 8	18-33
No. 30	5-15
No. 50	0-7
No. 200	0-3

GENERAL NOTES:

- * Waterproofing should be provided where moisture nuisance problem through the wall is undesirable.
- * Water proofing of the walls is not under purview of the geotechnical engineer
- * All drains should have a gradient of 1 percent minimum
- * Outlet portion of the subdrain should have a 4-inch diameter solid pipe discharged into a suitable disposal area designed by the project engineer. The subdrain pipe should be accessible for maintenance (rodding)
- * Other subdrain backfill options are subject to the review by the geotechnical engineer and modification of design parameters.

Notes:

- 1) Sand should have a sand equivalent of 30 or greater and may be densified by water jetting.
- 2) 1 Cu. ft. per ft. of 1/4- to 1 1/2-inch size gravel wrapped in filter fabric
- 3) Pipe type should be ASTM D1527 Acrylonitrile Butadiene Styrene (ABS) SDR35 or ASTM D1785 Polyvinyl Chloride plastic (PVC), Schedule 40, Armco A2000 PVC, or approved equivalent. Pipe should be installed with perforations down. Perforations should be 3/8 inch in diameter placed at the ends of a 120-degree arc in two rows at 3-inch on center (staggered)
- 4) Filter fabric should be Mirafi 140NC or approved equivalent.
- 5) Weepholes should be 3-inch minimum diameter and provided at 10-foot maximum intervals. If exposure is permitted, weepholes should be located 12 inches above finished grade. If exposure is not permitted such as for a wall adjacent to a sidewalk/curb, a pipe under the sidewalk to be discharged through the curb face or equivalent should be provided. For a basement-type wall, a proper subdrain outlet system should be provided.
- 6) Retaining wall plans should be reviewed and approved by the geotechnical engineer.
- 7) Walls over six feet in height are subject to a special review by the geotechnical engineer and modifications to the above requirements.

RETAINING WALL BACKFILL AND SUBDRAIN DETAIL FOR WALLS 6 FEET OR LESS IN HEIGHT

WHEN NATIVE MATERIAL HAS EXPANSION INDEX OF ≤ 50



Leighton
577

APPENDIX A
REFERENCES

APPENDIX A

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- Leighton and Associates, Inc., 2002, Geotechnical Foundation Investigation, Proposed Science Lab Building at John W. North High School, Northeast of Linden Street and Chicago Avenue, California, Project No. 020814-001, dated November 26, 2002.
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_____, 2004, Riverside County Safety Element, including Riverside County Geologic Hazards Map, June 2004.

United States Geologic Survey, 1980, Riverside East 7.5-Minute Quadrangle Topographic Map, Riverside County, California, released 1967, photo revised 1980.

Aerial Photographs Reviewed:

Date	Flight	Photo Frames	Scale	Agency
1/19/1948	USAF-1	11, 112	1:31,500	USAF
12/20/1957	R122057	26, 27	1:12,000	RCFC
1/28/1962	RCFC62	1-153	1:24,000	RCFC
6/24/1963	R62463	33	1:12,000	RCFC

APPENDIX B
GEOTECHNICAL BORING LOGS

FIELD EXPLORATION

Our field investigation consisted of a surface reconnaissance and a subsurface exploration program. Logs of these subsurface explorations are included as part of this appendix. Approximate soil boring locations are shown on Figure 2, *Geotechnical Map*.

Encountered soils were logged in the field by our representative and described in accordance with the Unified Soil Classification System (ASTM D 2488). Relatively undisturbed soil samples were obtained at selected intervals within these borings using both a California ring-lined and Standard Penetration Test (SPT) split-spoon sampler. Standard Penetration Test (SPT) resistance blow counts were obtained by dropping a 140-pound hammer through a 30-inch free fall. The 2-inch outside diameter split-spoon sampler was driven 18 inches and the number of blows was recorded for each 6 inches of penetration (ASTM D 1586). In addition, 2.4-inch inside diameter brass ring samples were obtained using a Modified California sampler driven into the soil with the 140-pound hammer. Borings were backfilled with soil cuttings obtained during the exploration, and where asphalt pavement was penetrated, patched at the surface with cold asphalt patch. Representative earth-material samples obtained from these subsurface explorations were transported to our geotechnical laboratory for evaluation and appropriate testing.

The attached subsurface exploration logs and related information depict subsurface conditions only at the locations indicated and at the particular date designated on the logs. Subsurface conditions at other locations may differ from conditions occurring at these locations. The passage of time may result in altered subsurface conditions due to environmental changes. In addition, any stratification lines on the logs represent the approximate boundary between soil types and the transition may be gradual.

GEOTECHNICAL BORING LOG LB-1

Project No. 602879-001
Project John W North High School, Riverside USD
Drilling Co. WDI Drilling
Drilling Method Hollow Stem Auger - 140lb - Autohammer - 30" Drop
Location NE of Stadium

Date Drilled 4-8-10
Logged By AB
Hole Diameter 8"
Ground Elevation 941'
Sampled By AB

Elevation Feet	Depth Feet	Graphic Log	Attitudes	Sample No.	Blows Per 6 Inches	Dry Density pcf	Moisture Content, %	Soil Class. (U.S.C.S.)	SOIL DESCRIPTION	Type of Tests
									The Soil Description applies only to a location of the exploration at the time of drilling. Subsurface conditions may differ at other locations and may change with time. The description is a simplification of the actual conditions encountered. Transitions between soil types may be gradual.	
940	0	N S		Bag-1					<u>QUATERNARY ALLUVIUM (Qof)</u> SANDY SILT (ML), dark brown, moist, fine to medium sand, some fine gravel	
				R-1	5 7 8	115	6	ML	SANDY SILT (ML), stiff, medium to coarse sand, 57% fines	-200
935	5			R-2	5 8 8	119	8	SM	SILTY SAND (SM), loose, dark brown, moist, medium to coarse sand, some fine gravel, 4% gravel, 75% sand, 21% fines	SA
930	10			R-3	8 11 14	112	3	SP-SM	Poorly graded SAND with silt (SP-SM), medium dense, with fine gravel	
925	15			R-4	7 8 9	110	8	SP-SM	Poorly graded SAND with silt (SP-SM), loose, some fine gravel, 12% fines	-200
920	20			S-1	7 7 9			SP-SM	Poorly graded SAND with silt (SP-SM), medium dense, light yellowish brown, some fine gravel, 7% fines	-200
915	25			S-2	7 9 9			SP-SM	Poorly graded SAND with silt (SP-SM), with fine gravel	
	30									

SAMPLE TYPES:

- S SPLIT SPOON
- R RING SAMPLE
- B BULK SAMPLE
- T TUBE SAMPLE
- G GRAB SAMPLE
- C CORE SAMPLE

TYPE OF TESTS:

- DS DIRECT SHEAR
- MD MAXIMUM DENSITY
- CN CONSOLIDATION
- CR CORROSION
- UC UNCONFINED COMPRESSIVE STRENGTH
- SA SIEVE ANALYSIS
- SE SAND EQUIVALENT
- EI EXPANSION INDEX
- RV R VALUE
- 200 % FINES PASSING
- AL ATTERBERG LIMITS
- CO COLLAPSE
- PP POCKET PENETROMETER



*** This log is a part of a report by Leighton and should not be used as a stand-alone document. ***

GEOTECHNICAL BORING LOG LB-1

Project No. 602879-001
Project John W North High School, Riverside USD
Drilling Co. WDI Drilling
Drilling Method Hollow Stem Auger - 140lb - Autohammer - 30" Drop
Location NE of Stadium

Date Drilled 4-8-10
Logged By AB
Hole Diameter 8"
Ground Elevation 941'
Sampled By AB

Elevation Feet	Depth Feet	Graphic Log	Attitudes	Sample No.	Blows Per 6 Inches	Dry Density pcf	Moisture Content, %	Soil Class. (U.S.C.S.)	SOIL DESCRIPTION	Type of Tests
The Soil Description applies only to a location of the exploration at the time of drilling. Subsurface conditions may differ at other locations and may change with time. The description is a simplification of the actual conditions encountered. Transitions between soil types may be gradual.										
910	30	N S		S-3	6 13 15			SP	SAND (SP), medium dense, light brown, moist, fine to medium sand, some silt, at toe becomes SAND, some fine gravel	
905	35			S-4	10 14 16			SP	SAND (SP), medium to coarse sand, with fine gravel	
900	40			S-5	7 7 8			ML	SANDY SILT to SILTY SAND (ML), medium dense, dark brown, moist, fine to medium sand, 50% fines	-200
895	45			S-6	8 9 13			ML	SILT with sand (ML), medium dense, light brown, moist, fine to medium sand, some fine gravel	
890	50			S-7	6 9 11			SC-SM	SILTY SAND to CLAYEY SAND (SC-SM), medium dense, dark brown, moist, fine to medium sand, low plasticity clay, some fine to medium sand, 42% fines	-200
									Total Depth: 51.5 feet No free groundwater encountered during drilling. Hole backfilled with native soil	
885	55									
880	60									

SAMPLE TYPES:
 S SPLIT SPOON
 R RING SAMPLE
 B BULK SAMPLE
 T TUBE SAMPLE

G GRAB SAMPLE
C CORE SAMPLE

TYPE OF TESTS:
 DS DIRECT SHEAR
 MD MAXIMUM DENSITY
 CN CONSOLIDATION
 CR CORROSION
 UC UNCONFINED COMPRESSIVE STRENGTH

SA SIEVE ANALYSIS
SE SAND EQUIVALENT
EI EXPANSION INDEX
RV R VALUE

-200 % FINES PASSING
AL ATTERBERG LIMITS
CO COLLAPSE
PP POCKET PENETROMETER



*** This log is a part of a report by Leighton and should not be used as a stand-alone document. ***

GEOTECHNICAL BORING LOG LB-2

Project No. 602879-001
Project John W North High School, Riverside USD
Drilling Co. WDI Drilling
Drilling Method Hollow Stem Auger - 140lb - Autohammer - 30" Drop
Location East of Stadium

Date Drilled 4-8-10
Logged By AB
Hole Diameter 8"
Ground Elevation 941'
Sampled By AB

Elevation Feet	Depth Feet	Graphic Log	Attitudes	Sample No.	Blows Per 6 Inches	Dry Density pcf	Moisture Content, %	Soil Class. (U.S.C.S.)	SOIL DESCRIPTION	Type of Tests
940	0	N S		Bag-1					The Soil Description applies only to a location of the exploration at the time of drilling. Subsurface conditions may differ at other locations and may change with time. The description is a simplification of the actual conditions encountered. Transitions between soil types may be gradual.	
				R-1	6 6 8	122	10	SM	SILTY SAND (SM), loose, dark brown, moist, medium to coarse sand	
935	5			R-2	5 6 7	117	7	SM	SILTY SAND (SM), loose, some fine gravel	
								SP	SAND (SP), dark brown, moist, medium to coarse grained, oxydized	
930	10			R-3	9 10 13	124	11	SM	SILTY SAND (SM), medium dense, fine to medium sand, 33% fines	-200
925	15			R-4	9 12 14	110	3	SM	SILTY SAND (SM), light yellowish brown, medium to coarse sand, some fine gravel	
920	20			S-1	7 7 9			SP-SM	Poorly graded SAND with silt (SP), 5% fines	-200
915	25			S-2	6 8 12			SM	SILTY SAND (SM), light brownish gray	
	30									

SAMPLE TYPES:

- S SPLIT SPOON
- R RING SAMPLE
- B BULK SAMPLE
- T TUBE SAMPLE
- G GRAB SAMPLE
- C CORE SAMPLE

TYPE OF TESTS:

- DS DIRECT SHEAR
- MD MAXIMUM DENSITY
- CN CONSOLIDATION
- CR CORROSION
- UC UNCONFINED COMPRESSIVE STRENGTH
- SA SIEVE ANALYSIS
- SE SAND EQUIVALENT
- EI EXPANSION INDEX
- RV R VALUE
- 200 % FINES PASSING
- AL ATTERBERG LIMITS
- CO COLLAPSE
- PP POCKET PENETROMETER




*** This log is a part of a report by Leighton and should not be used as a stand-alone document. ***

GEOTECHNICAL BORING LOG LB-2

Project No. 602879-001
Project John W North High School, Riverside USD
Drilling Co. WDI Drilling
Drilling Method Hollow Stem Auger - 140lb - Autohammer - 30" Drop
Location East of Stadium

Date Drilled 4-8-10
Logged By AB
Hole Diameter 8"
Ground Elevation 941'
Sampled By AB

Elevation Feet	Depth Feet	Graphic Log	Attitudes	Sample No.	Blows Per 6 Inches	Dry Density pcf	Moisture Content, %	Soil Class. (U.S.C.S.)	SOIL DESCRIPTION	Type of Tests
		N S							The Soil Description applies only to a location of the exploration at the time of drilling. Subsurface conditions may differ at other locations and may change with time. The description is a simplification of the actual conditions encountered. Transitions between soil types may be gradual.	
910	30			S-3	10 14 19			SP	SAND (SP), dense, light yellowish brown, moist, medium to coarse sand, some fine gravel Total Depth: 31.5 feet No free groundwater encountered during drilling. Hole backfilled with native soil and top 3 inches patched with cold-mixed asphalt.	
905	35									
900	40									
895	45									
890	50									
885	55									
880	60									

SAMPLE TYPES:

- S SPLIT SPOON
- R RING SAMPLE
- B BULK SAMPLE
- T TUBE SAMPLE
- G GRAB SAMPLE
- C CORE SAMPLE

TYPE OF TESTS:

- DS DIRECT SHEAR
- MD MAXIMUM DENSITY
- CN CONSOLIDATION
- CR CORROSION
- UC UNCONFINED COMPRESSIVE STRENGTH
- SA SIEVE ANALYSIS
- SE SAND EQUIVALENT
- EI EXPANSION INDEX
- RV R VALUE
- 200 % FINES PASSING
- AL ATTERBERG LIMITS
- CO COLLAPSE
- PP POCKET PENETROMETER



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GEOTECHNICAL BORING LOG LB-3

Project No. 602879-001
Project John W North High School, Riverside USD
Drilling Co. WDI Drilling
Drilling Method Hollow Stem Auger - 140lb - Autohammer - 30" Drop
Location East of Stadium

Date Drilled 4-8-10
Logged By AB
Hole Diameter 8"
Ground Elevation 941'
Sampled By AB

Elevation Feet	Depth Feet	Graphic Log	Attitudes	Sample No.	Blows Per 6 Inches	Dry Density pcf	Moisture Content, %	Soil Class. (U.S.C.S.)	SOIL DESCRIPTION	Type of Tests
		N S							The Soil Description applies only to a location of the exploration at the time of drilling. Subsurface conditions may differ at other locations and may change with time. The description is a simplification of the actual conditions encountered. Transitions between soil types may be gradual.	
940	0			Bag-1					<u>QUATERNARY ALLUVIUM (Qof)</u>	
				R-1	6 10 13	116	4	SM	SILTY SAND (SM), medium dense, dark brown, moist, medium to coarse sand, some silt and fine gravel, oxydized	
935	5			R-2	11 8 7	120	8	SM	SILTY SAND (SM), loose, dark brown, moist, medium sand, 2% gravel, 72% sand, 26% fines	SA
930	10			R-3	10 14 19	117	13	SM	SILTY SAND (SM), medium dense, dark brown, moist, fine sand, some fine gravel, compacted silt	
925	15			R-4	9 13 13	123	11	SM	SILTY SAND to SANDY SILT (SM-ML), medium dense, dark brown, moist, fine sand, some fine gravel	
920	20								Total Depth: 16.5 feet No free groundwater encountered during drilling. Hole backfilled with native soil	
915	25									
910	30									

SAMPLE TYPES:
 S SPLIT SPOON
 R RING SAMPLE
 B BULK SAMPLE
 T TUBE SAMPLE

G GRAB SAMPLE
 C CORE SAMPLE

TYPE OF TESTS:
 DS DIRECT SHEAR
 MD MAXIMUM DENSITY
 CN CONSOLIDATION
 CR CORROSION
 UC UNCONFINED COMPRESSIVE STRENGTH

SA SIEVE ANALYSIS
 SE SAND EQUIVALENT
 EI EXPANSION INDEX
 RV R VALUE

-200 % FINES PASSING
 AL ATTERBERG LIMITS
 CO COLLAPSE
 PP POCKET PENETROMETER



*** This log is a part of a report by Leighton and should not be used as a stand-alone document. ***

GEOTECHNICAL BORING LOG LB-4

Project No. 602879-001
Project John W North High School, Riverside USD
Drilling Co. WDI Drilling
Drilling Method Hollow Stem Auger - 140lb - Autohammer - 30" Drop
Location North of Tennis Courts

Date Drilled 4-8-10
Logged By AB
Hole Diameter 8"
Ground Elevation 941'
Sampled By AB

Elevation Feet	Depth Feet	Graphic Log	Attitudes	Sample No.	Blows Per 6 Inches	Dry Density pcf	Moisture Content, %	Soil Class. (U.S.C.S.)	SOIL DESCRIPTION	Type of Tests
		N S							<i>The Soil Description applies only to a location of the exploration at the time of drilling. Subsurface conditions may differ at other locations and may change with time. The description is a simplification of the actual conditions encountered. Transitions between soil types may be gradual.</i>	
940	0	[Graphic Log: 0-3 ft]		Bag-1					3 inches of Asphalt Concrete over 3 inches of Aggregate Base <u>QUATERNARY ALLUVIUM (Qof)</u> SILTY SAND (SM), light brown, moist, fine sand	-200, AL
				R-1	3 3 4	117	8	SM	SILTY SAND (SM), very loose, nonplastic, some fine gravel, 44% fines	
				R-2	3 4 4	116	6	SM	SILTY SAND (SM), light brown, moist, fine sand, some fine gravel	-200, CO
935	5	[Graphic Log: 3-5 ft]		R-2	3 4 4	116	6	SM	SILTY SAND (SM), loose, light reddish brown, moist, fine sand, some silt and fine gravel, oxidized, 25% fines	
930	10	[Graphic Log: 5-10 ft]		R-3	5 8 9	112	11	SM	SANDY SILT to SILTY SAND (ML), loose, light brown, moist, very fine sand, some fine gravel	CO
925	15	[Graphic Log: 10-15 ft]		R-4	7 11 18	114	13	SM	SANDY SILT to SILTY SAND (ML), medium dense	
920	20	[Graphic Log: 15-20 ft]							Total Depth: 16.5 feet No free groundwater encountered during drilling. Hole backfilled with native soil and top 3 inches patched with cold-mixed asphalt.	
915	25	[Graphic Log: 20-25 ft]								
910	30	[Graphic Log: 25-30 ft]								

SAMPLE TYPES:

- S SPLIT SPOON
- R RING SAMPLE
- B BULK SAMPLE
- T TUBE SAMPLE
- G GRAB SAMPLE
- C CORE SAMPLE

TYPE OF TESTS:

- DS DIRECT SHEAR
- MD MAXIMUM DENSITY
- CN CONSOLIDATION
- CR CORROSION
- UC UNCONFINED COMPRESSIVE STRENGTH
- SA SIEVE ANALYSIS
- SE SAND EQUIVALENT
- EI EXPANSION INDEX
- RV R VALUE
- 200 % FINES PASSING
- AL ATTERBERG LIMITS
- CO COLLAPSE
- PP POCKET PENETROMETER



*** This log is a part of a report by Leighton and should not be used as a stand-alone document. ***

GEOTECHNICAL BORING LOG LB-5

Project No. 602879-001
Project John W North High School, Riverside USD
Drilling Co. WDI Drilling
Drilling Method Hollow Stem Auger - 140lb - Autohammer - 30" Drop
Location North of Pool

Date Drilled 4-8-10
Logged By AB
Hole Diameter 8"
Ground Elevation 941'
Sampled By AB

Elevation Feet	Depth Feet	Graphic Log	Attitudes	Sample No.	Blows Per 6 Inches	Dry Density pcf	Moisture Content, %	Soil Class. (U.S.C.S.)	SOIL DESCRIPTION	Type of Tests
<i>The Soil Description applies only to a location of the exploration at the time of drilling. Subsurface conditions may differ at other locations and may change with time. The description is a simplification of the actual conditions encountered. Transitions between soil types may be gradual.</i>										
940	0	N S		Bag-1					3 inches of Asphalt Concrete over 3 inches of Aggregate Base <u>QUATERNARY ALLUVIUM (Qof)</u>	
				R-1	5 7 7	115	10	SM SM-ML	SILTY SAND (SM), dark brown, moist, very fine sand, some fine gravel SILTY SAND to SANDY SILT (SM-ML), loose, light gray, moist, fine sand	
935	5			R-2	3 3 3	113	7	SM	SILTY SAND (SM), light gray, moist, fine sand SILTY SAND (SM), very loose, some fine gravel	CN
930	10			R-3	3 5 8	112	6	SP	SAND with silt and gravel (SP), loose, light brown, moist, fine to medium sand, fine gravel	
925	15			R-4	8 11 12	109	3	SP	SAND (SP), medium dense, light yellowish brown, moist, medium to coarse sand	
920	20			S-1	6 8 8			SP	SAND with gravel (SP), loose, fine gravel	
915	25								Total Depth: 21.5 feet No free groundwater encountered during drilling. Hole backfilled with native soil and top 3 inches patched with cold-mixed asphalt.	
	30									

SAMPLE TYPES:
 S SPLIT SPOON
 R RING SAMPLE
 B BULK SAMPLE
 T TUBE SAMPLE

G GRAB SAMPLE
 C CORE SAMPLE

TYPE OF TESTS:
 DS DIRECT SHEAR
 MD MAXIMUM DENSITY
 CN CONSOLIDATION
 CR CORROSION
 UC UNCONFINED COMPRESSIVE STRENGTH

SA SIEVE ANALYSIS
 SE SAND EQUIVALENT
 EI EXPANSION INDEX
 RV R VALUE

-200 % FINES PASSING
 AL ATTERBERG LIMITS
 CO COLLAPSE
 PP POCKET PENETROMETER



*** This log is a part of a report by Leighton and should not be used as a stand-alone document. ***

Exploration Logs from Leighton and Associates, Inc., 2002

GEOTECHNICAL BORING LOG B-1-02

Date 10-2002 Sheet 1 of 1
 Project RUSD John W. North High School Project No. 020814-001
 Drilling Co. ZR Drilling, Inc. Type of Rig Hollow-stem auger
 Hole Diameter 8 in Drive Weight 140 lb (automatic hammer) Drop 30 in.
 Elevation Top of Hole (ft) _____ Location See Boring Location Map

Elevation (Feet)	Depth (Feet)	Graphic Log	Attitudes	Sample No.	Blows Per Foot	Dry Density (pcf)	Moisture Content, %	Soil Class. (U.S.C.S.)	DESCRIPTION
									Logged By <u>PP</u> Sampled By <u>PP</u>
0				Bag 1					Asphalt Concrete = 3" No Base
				R-1	10	122.2	4.4	SM	2' : Clayey Silty SAND, reddish brown, moist, loose, fine to coarse sand, some fine gravel, slightly porous, friable
5				R-2	14	113.3	5.8	SM	5' : Clayey Silty SAND, reddish brown, moist, loose, fine to coarse sand, some fine gravel, slightly porous, friable
10				R-3	18	118.2	9.5	SM	10' : Clayey SAND, reddish brown, moist, medium dense, fine to coarse sand, slightly porous, friable
15				S-1	12			SP	15' : SAND, traces of clay/silt, orangish brown, moist, medium dense, fine to coarse sand
20				S-2	60			SC	20' : Clayey SAND, reddish brown, moist, very dense, fine to coarse sand, broken into layer by layer
25									Total Depth = 21.5 feet No Groundwater was encountered. Backfilled with native soil and capped with asphalt.
30									

SAMPLE TYPES: Bag=Bulk, R=2.5-in. Ring (Ca Mod), S=SPT, T=Shelby Tube

Leighton and Associates

GEOTECHNICAL BORING LOG B-2-02

Date 10-2002 Sheet 1 of 1
 Project RUSD John W. North High School Project No. 020814-001
 Drilling Co. 2R Drilling, Inc. Type of Rig Hollow-stem auger
 Hole Diameter 8 in Drive Weight 140 lb (automatic hammer) Drop 30 in.
 Elevation Top of Hole (ft) _____ Location See Boring Location Map

Elevation (Feet)	Depth (Feet)	Graphic Log	Attitudes	Sample No.	Blows Per Foot	Dry Density (pcf)	Moisture Content, %	Soil Class. (U.S.C.S.)	DESCRIPTION
									Logged By <u>PP</u> Sampled By <u>PP</u>
	0	[Asphalt Concrete]		Bag 1					Asphalt Concrete = 3" No Base
	2	[Clayey Silty Sand]		R-1	17	123.5	4.4	SM	2' : Clayey Silty SAND, orangish brown, moist, medium dense, fine to coarse sand, slightly porous, friable, slightly porous, rootlets
	5	[Clayey Silty Sand]		R-2	16	110.8	4.6	SM	5' : Clayey Silty SAND, orangish brown, moist, loose, fine to coarse sand, slightly porous, friable, slightly porous, rootlets
	10	[Clayey Silty Sand]		R-3	38	115.5	10.7	SM	10' : Clayey Silty SAND, dark brown, moist, medium dense, fine to coarse sand, slightly porous, friable, slightly porous
	15	[Gravelly Sand]		S-1	11			SP	15' : Gravelly SAND, traces of clay, orangish brown, moist, medium dense, fine to coarse sand, fine gravel
	20	[Clayey Sand]		S-2	24			SC	20' : Clayey SAND, brown, moist, medium dense, fine to coarse sand, friable, fine gravel
	21.5								Total Depth = 21.5 feet No Groundwater was encountered. Backfilled with native soil and capped with asphalt.
	25								
	30								

SAMPLE TYPES: Bag=Bulk, R=2.5-in. Ring (Ca Mod), S=SPT, T=Shelby Tube

Leighton and Associates

APPENDIX C
LABORATORY TEST RESULTS



Leighton

ATTERBERG LIMITS

ASTM D 4318

Project Name: John W. North High School Tested By: V. Juliano Date: 04/30/10
 Project No. : 602879-001 Input By: J. Ward Date: 05/05/10
 Boring No.: LB-4 Checked By: J. Ward
 Sample No.: R-1 Depth (ft.) 2.0
 Soil Identification: Brown silty sand (SM)

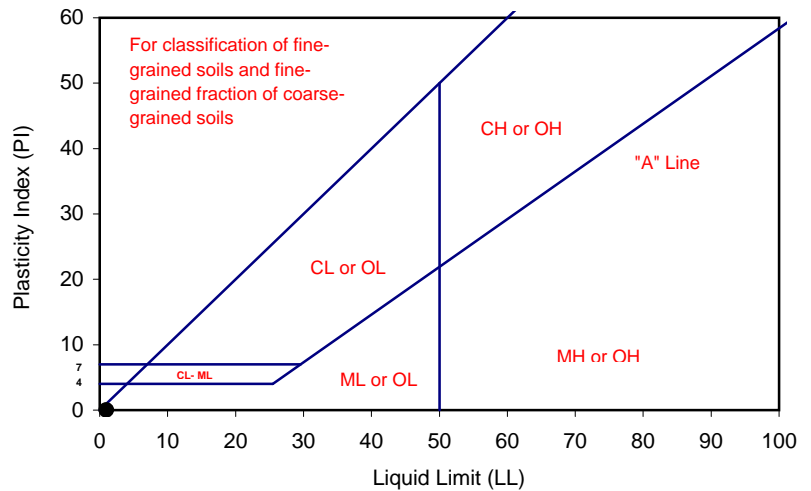
TEST NO.	PLASTIC LIMIT		LIQUID LIMIT			
	1	2	1	2	3	4
Number of Blows [N]			7			
Wet Wt. of Soil + Cont. (g)	Cannot be rolled:		25.54	Cannot get more than 7 blows:		
Dry Wt. of Soil + Cont. (g)	NonPlastic		23.61	NonPlastic		
Wt. of Container (g)			13.49			
Moisture Content (%) [Wn]			19.07			

Liquid Limit	NP
Plastic Limit	NP
Plasticity Index	NP
Classification	NP

PI at "A" - Line = $0.73(LL-20)$ =

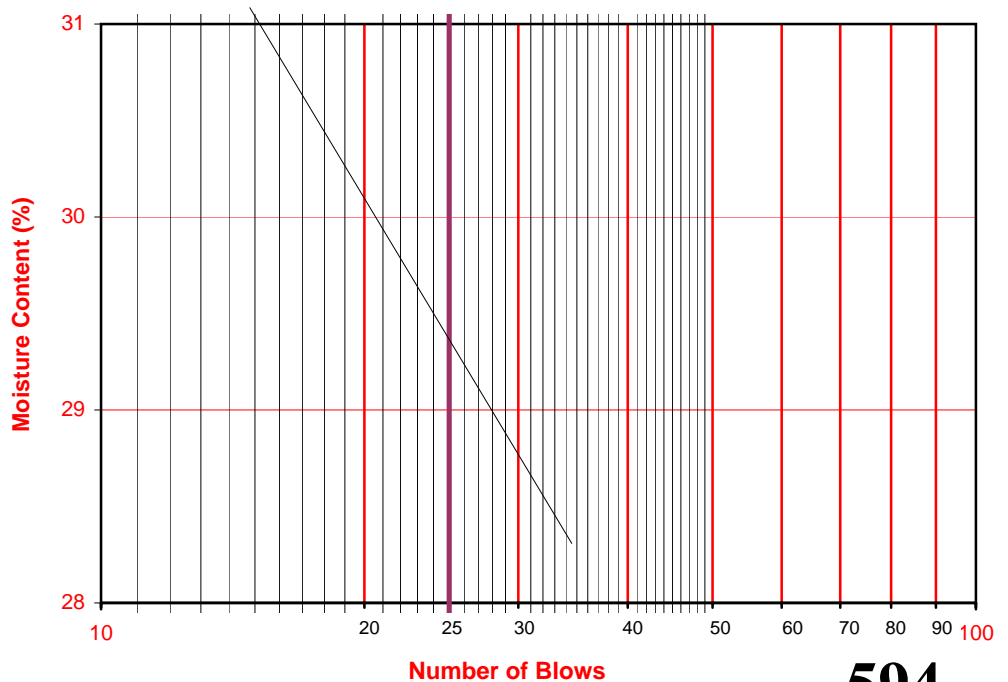
One - Point Liquid Limit Calculation

$$LL = Wn(N/25)^{0.12}$$

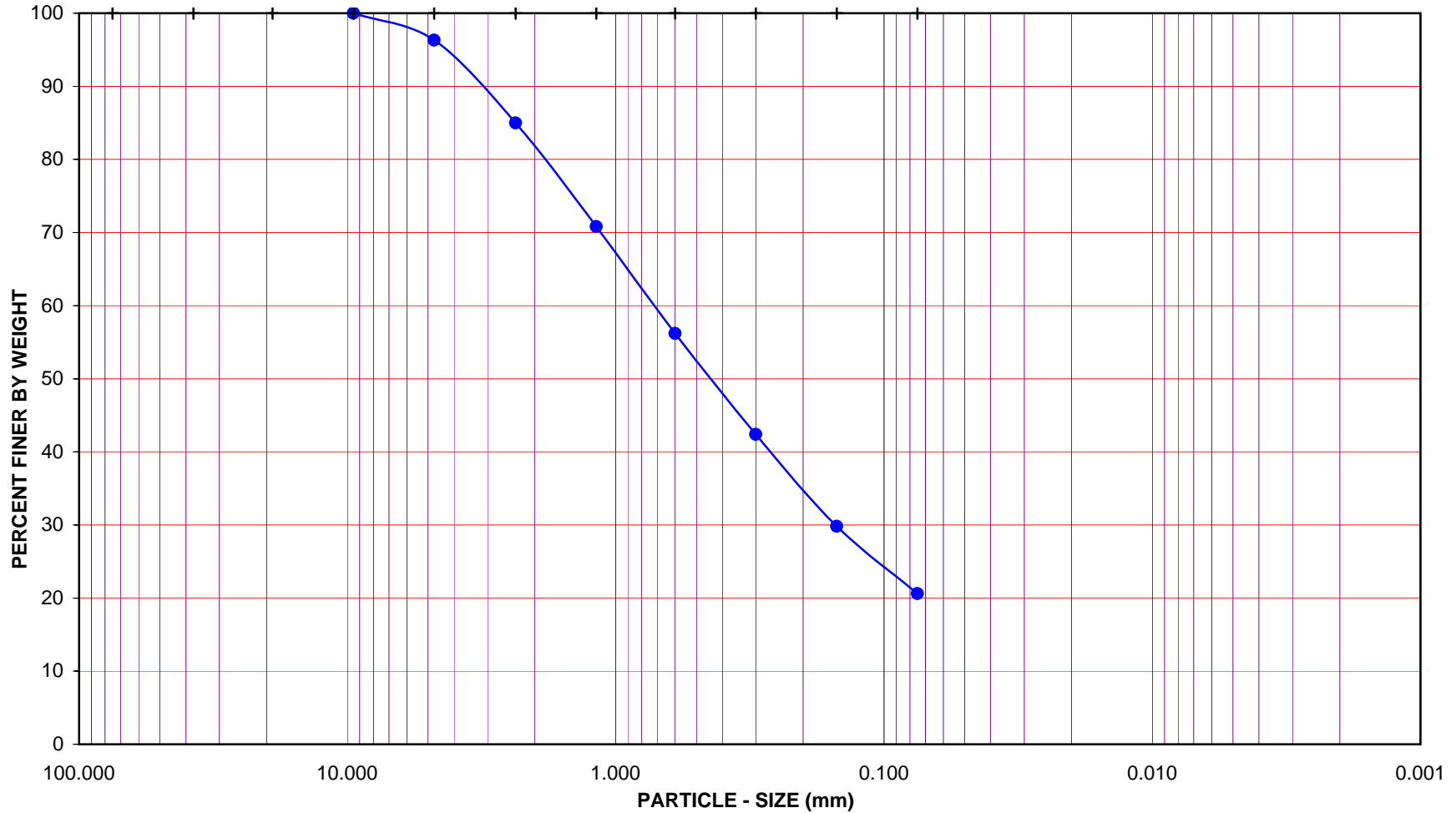


PROCEDURES USED

- Wet Preparation
Multipoint - Wet
- Dry Preparation
Multipoint - Dry
- Procedure A
Multipoint Test
- Procedure B
One-point Test



GRAVEL				SAND				FINES				
COARSE		FINE		COARSE	MEDIUM	FINE		SILT		CLAY		
U.S. STANDARD SIEVE OPENING				U.S. STANDARD SIEVE NUMBER				HYDROMETER				
3.0"	1 1/2"	3/4"	3/8"	#4	#8	#16	#30	#50	#100	#200		



Project Name: John W. North High School

Project No.: 602879-001

Exploration No.: LB-1

Sample No.: R-2

Depth (feet): 5.0

Soil Type : SM

Soil Identification: Brown silty sand (SM)

GR:SA:FI : (%) 4 : 75 : 21

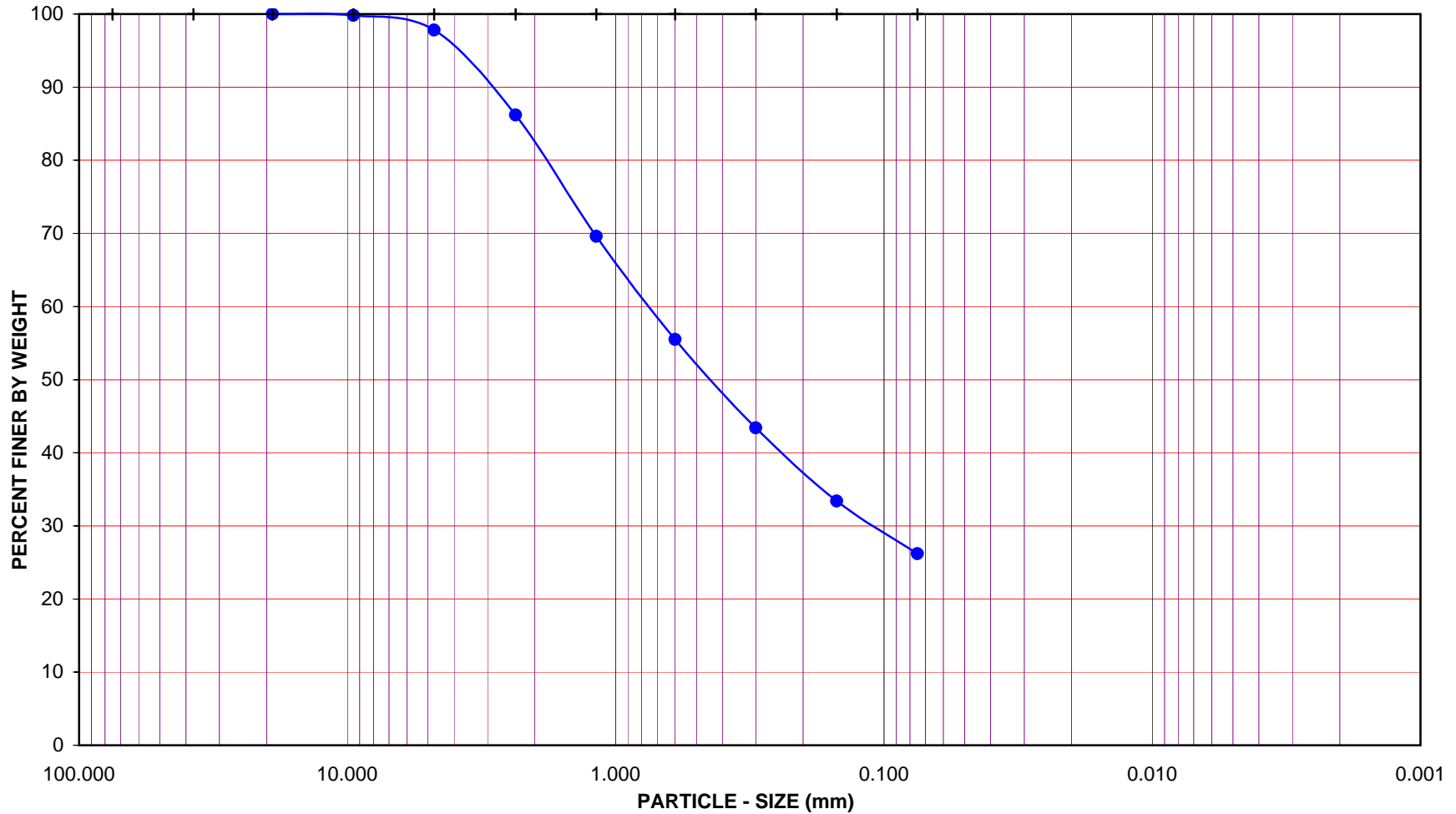


PARTICLE - SIZE DISTRIBUTION
ASTM D 6913

May-10

595

GRAVEL				SAND				FINES				
COARSE		FINE		COARSE	MEDIUM	FINE		SILT		CLAY		
U.S. STANDARD SIEVE OPENING				U.S. STANDARD SIEVE NUMBER				HYDROMETER				
3.0"	1 1/2"	3/4"	3/8"	#4	#8	#16	#30	#50	#100	#200		



Project Name: John W. North High School

Project No.: 602879-001

Exploration No.: LB-3

Sample No.: R-2

Depth (feet): 5.0

Soil Type : SM

Soil Identification: Brown silty sand (SM)

GR:SA:FI : (%) **2 : 72 : 26**



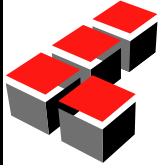
Leighton

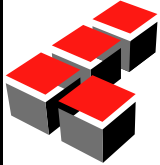
**PARTICLE - SIZE
DISTRIBUTION
ASTM D 6913**

May-10

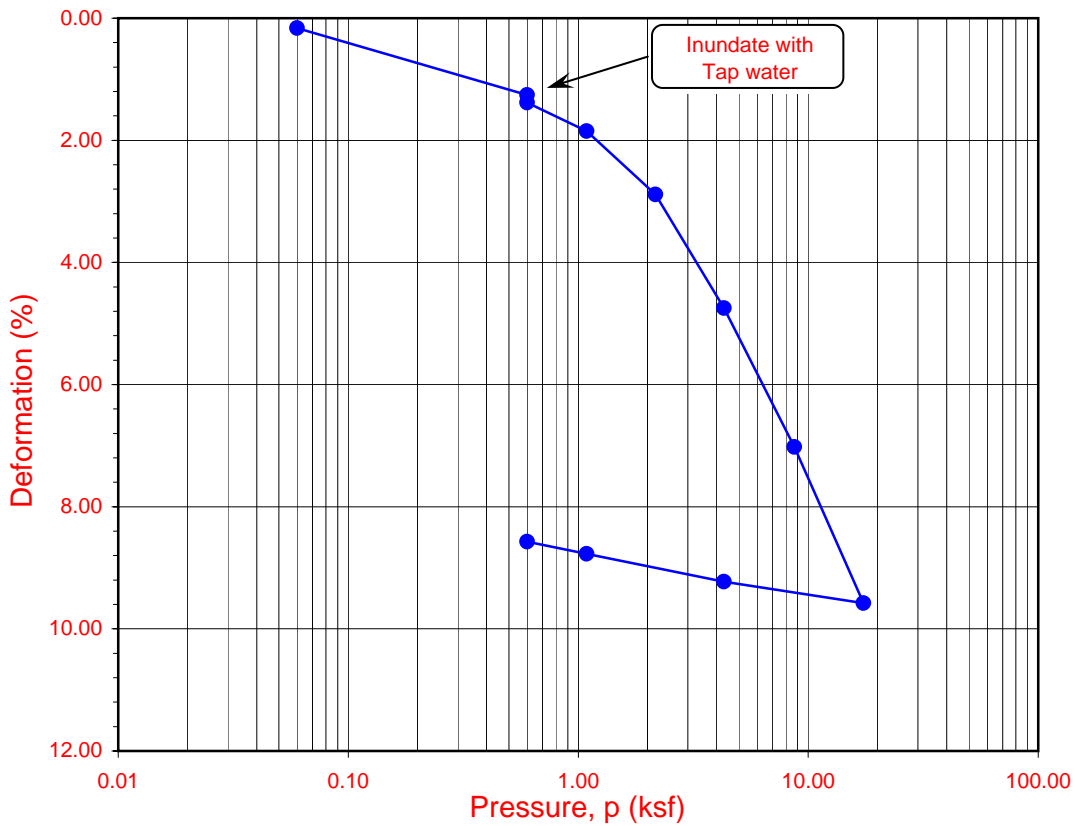
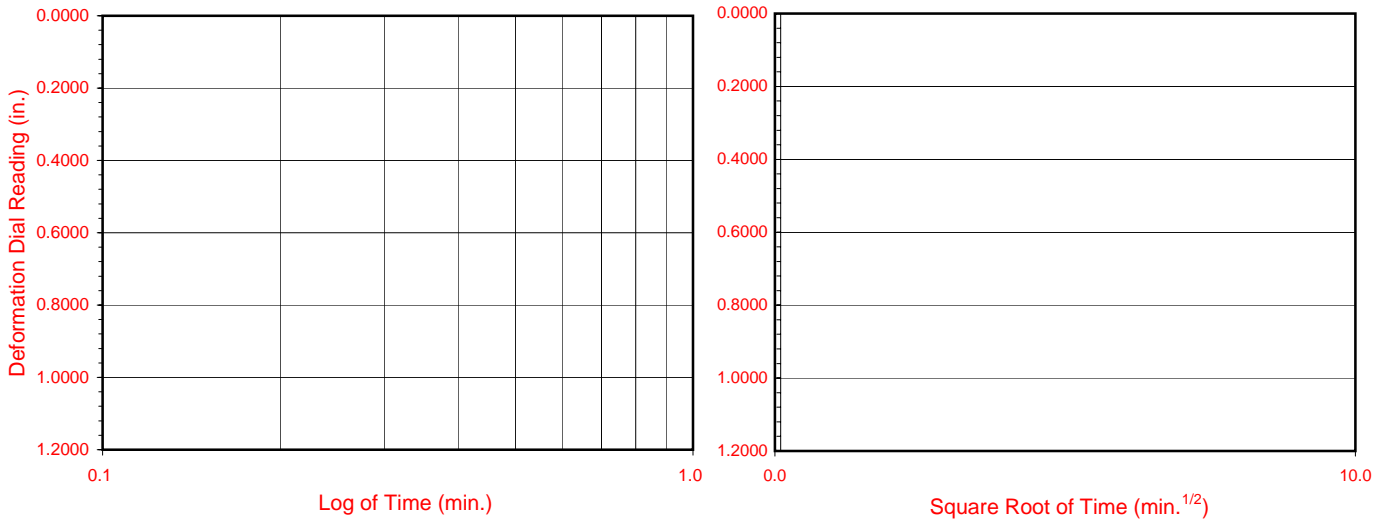
596

SA LB-3, R-2 @ 5

Boring No.	LB-1	LB-1	LB-1	LB-1	LB-1	LB-2	LB-2	LB-4
Sample No.	R-1	R-4	S-1	S-5	S-7	R-3	S-1	R-1
Depth (ft.)	2	15	20	40	50	10	20	2
Sample Type	Drive	Drive	SPT	SPT	SPT	Drive	SPT	Drive
Soil Identification	Brown sandy silt s(ML)	Brown poorly-graded sand with silt (SP-SM)	Light gray poorly-graded sand with silt (SP-SM)	Brown sandy silt s(ML)	Brown silty, clayey sand (SC-SM)	Brown silty sand (SM)	Light brown poorly-graded sand with silt (SP-SM)	Brown silty sand (SM)
Moisture Correction								
Wet Weight of Soil + Container (g)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dry Weight of Soil + Container (g)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Weight of Container (g)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Moisture Content (%)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sample Dry Weight Determination								
Weight of Sample + Container (g)	669.50	532.40	569.20	617.50	627.50	739.70	629.80	715.10
Weight of Container (g)	135.80	126.80	140.10	140.70	133.00	154.80	133.30	220.30
Weight of Dry Sample (g)	533.70	405.60	429.10	476.80	494.50	584.90	496.50	494.80
Container No.:								
After Wash								
Method (A or B)	B	B	B	B	B	B	B	B
Dry Weight of Sample + Cont. (g)	367.10	485.60	539.30	381.40	418.00	547.20	604.20	497.10
Weight of Container (g)	135.80	126.80	140.10	140.70	133.00	154.80	133.30	220.30
Dry Weight of Sample (g)	231.30	358.80	399.20	240.70	285.00	392.40	470.90	276.80
% Passing No. 200 Sieve	56.7	11.5	7.0	49.5	42.4	32.9	5.2	44.1
% Retained No. 200 Sieve	43.3	88.5	93.0	50.5	57.6	67.1	94.8	55.9
 Leighton	PERCENT PASSING No. 200 SIEVE ASTM D 1140				Project Name: <u>John W. North High School</u>			
					Project No.: <u>602879-001</u>			
				Client Name: <u>LCI / Rancho Cucamonga</u>				
				Tested By: <u>S. Felter</u>		Date: <u>04/28/10</u>		

Boring No.	LB-4							
Sample No.	R-2							
Depth (ft.)	5							
Sample Type	Drive							
Soil Identification	Brown silty, clayey sand (SC-SM)							
Moisture Correction								
Wet Weight of Soil + Container (g)	0.00							
Dry Weight of Soil + Container (g)	0.00							
Weight of Container (g)	1.00							
Moisture Content (%)	0.00							
Sample Dry Weight Determination								
Weight of Sample + Container (g)	688.60							
Weight of Container (g)	137.80							
Weight of Dry Sample (g)	550.80							
Container No.:								
After Wash								
Method (A or B)	B							
Dry Weight of Sample + Cont. (g)	549.50							
Weight of Container (g)	137.80							
Dry Weight of Sample (g)	411.70							
% Passing No. 200 Sieve	25.3							
% Retained No. 200 Sieve	74.7							
 Leighton	PERCENT PASSING No. 200 SIEVE ASTM D 1140				Project Name: <u>John W. North High School</u>			
					Project No.: <u>602879-001</u>			
					Client Name: <u>LCI / Rancho Cucamonga</u>			
					Tested By: <u>S. Felter</u>		Date: <u>04/28/10</u>	

No Time Readings



Boring No.	Sample No.	Depth (ft.)	Moisture Content (%)		Dry Density (pcf)		Void Ratio		Degree of Saturation (%)	
			Initial	Final	Initial	Final	Initial	Final	Initial	Final
LB-5	R-2	5	6.7	13.0	114.9	124.4	0.468	0.342	39	99

Soil Identification: Brown silty sand (SM)



Leighton

ONE-DIMENSIONAL CONSOLIDATION
PROPERTIES of SOILS
(ASTM D 2435)

Project No.: 602879-001

John W. North High School

05-10



One-Dimensional Swell or Settlement Potential of Cohesive Soils (ASTM D 4546)

Project Name: John W. North High School
 Project No.: 602879-001
 Boring No.: LB-4
 Sample No.: R-2
 Sample Description: Brown silty, clayey sand (SC-SM)

Tested By: G. Bathala Date: 05/03/10
 Checked By: J. Ward Date: 05/06/10
 Sample Type: Drive
 Depth (ft.): 5.0

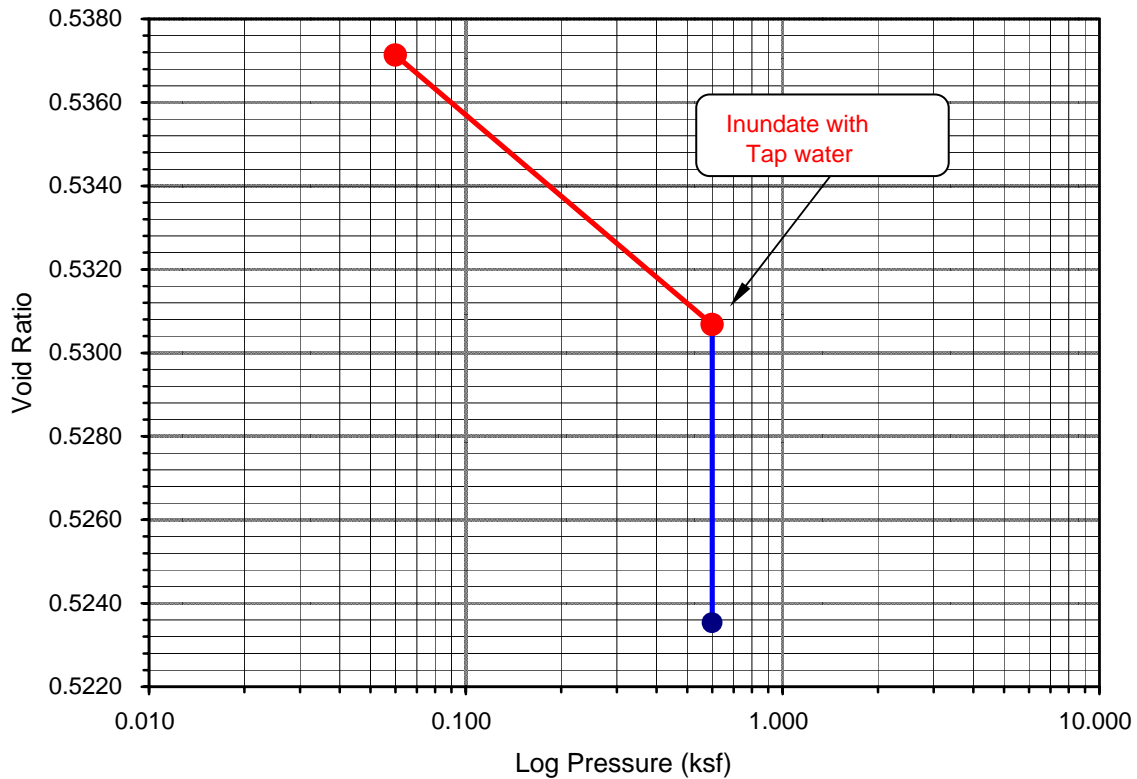
Initial Dry Density (pcf):	109.7
Initial Moisture (%):	5.78
Initial Length (in.):	1.0000
Initial Dial Reading:	0.1507
Diameter(in):	2.416

Final Dry Density (pcf):	110.6
Final Moisture (%) :	15.7
Initial Void ratio:	0.5370
Specific Gravity(assumed):	2.70
Initial Saturation (%)	29.1

Pressure (p) (ksf)	Final Reading (in)	Apparent Thickness (in)	Load Compliance (%)	Swell (+) Settlement (-) % of Sample Thickness	Void Ratio	Corrected Deformation (%)
0.060	0.1506	1.0001	0.00	0.01	0.5371	0.01
0.600	0.1548	0.9959	0.00	-0.41	0.5307	-0.41
H2O	0.1595	0.9913	0.00	-0.88	0.5235	-0.88

Percent Swell (+) / Settlement (-) After Inundation = -0.47

Void Ratio - Log Pressure Curve





One-Dimensional Swell or Settlement Potential of Cohesive Soils (ASTM D 4546)

Project Name: John W. North High School
 Project No.: 602879-001
 Boring No.: LB-4
 Sample No.: R-3
 Sample Description: Brown silty clay with sand (CL-ML)s

Tested By: G. Bathala Date: 05/04/10
 Checked By: J. Ward Date: 05/06/10
 Sample Type: Drive
 Depth (ft.): 10.0

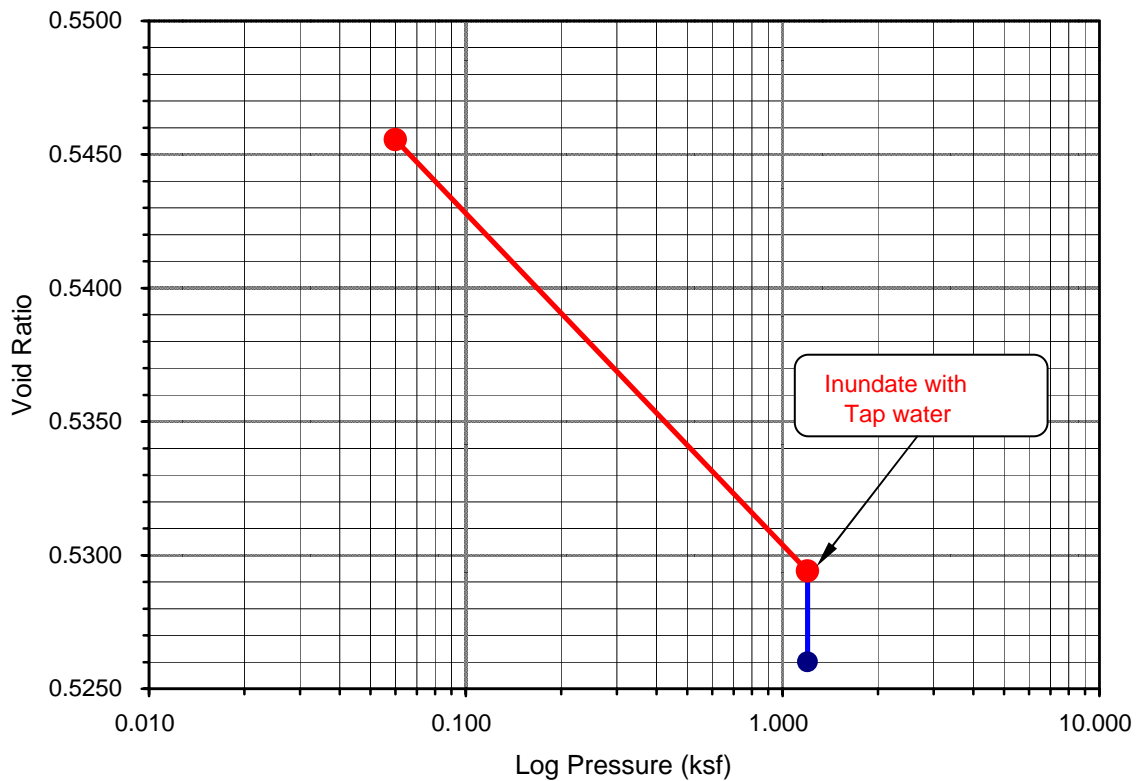
Initial Dry Density (pcf):	109.1
Initial Moisture (%):	10.60
Initial Length (in.):	1.0000
Initial Dial Reading:	0.1186
Diameter(in):	2.416

Final Dry Density (pcf):	110.5
Final Moisture (%) :	18.0
Initial Void ratio:	0.5456
Specific Gravity(assumed):	2.70
Initial Saturation (%)	52.5

Pressure (p) (ksf)	Final Reading (in)	Apparent Thickness (in)	Load Compliance (%)	Swell (+) Settlement (-) % of Sample Thickness	Void Ratio	Corrected Deformation (%)
0.060	0.1187	1.0000	0.00	0.00	0.5456	0.00
1.200	0.1291	0.9895	0.00	-1.05	0.5294	-1.05
H2O	0.1313	0.9873	0.00	-1.27	0.5260	-1.27

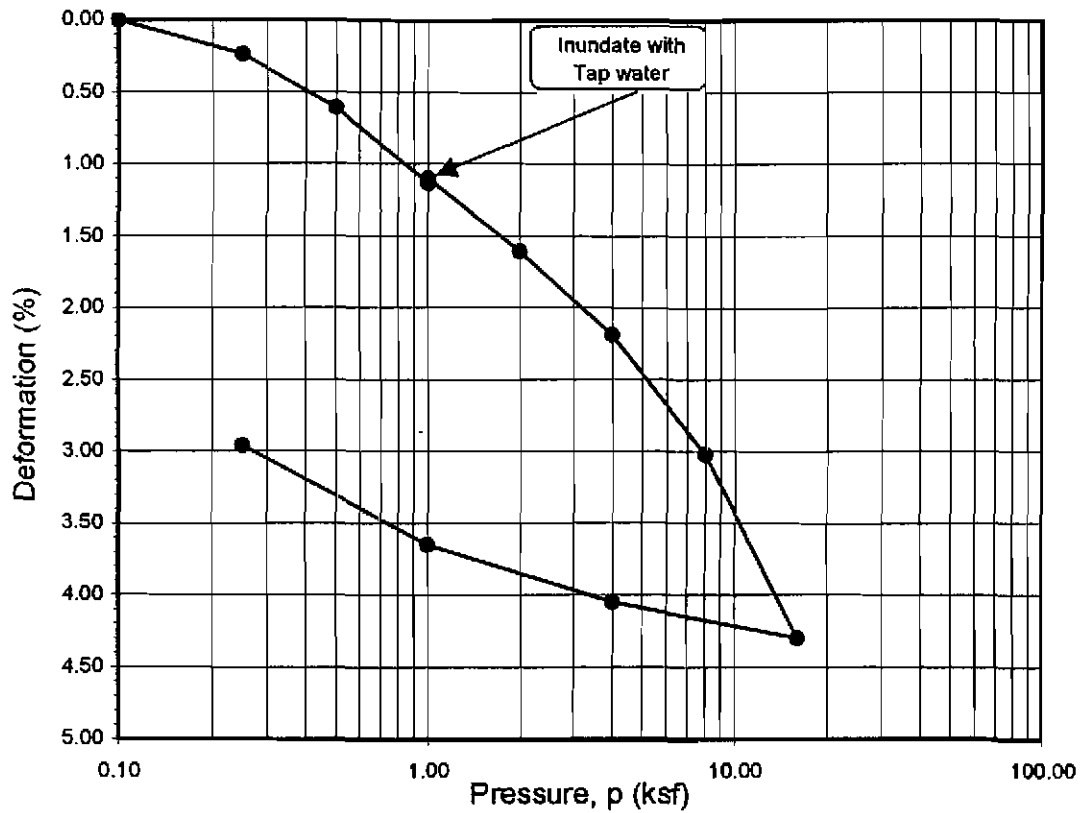
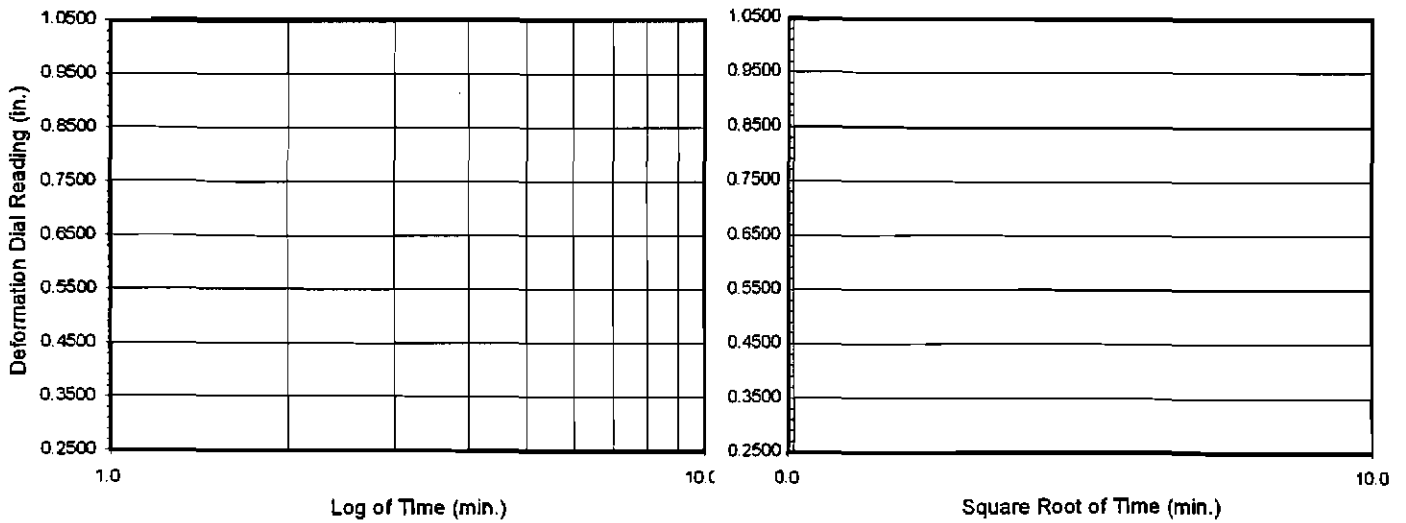
Percent Swell (+) / Settlement (-) After Inundation = -0.22

Void Ratio - Log Pressure Curve



Laboratory Test Results from Leighton and Associates, Inc., 2002

No Time Readings



Boring No.	Sample No.:	Depth (ft.)	Moisture Content (%)		Dry Density (pcf)		Void Ratio		Degree of Saturation (%)	
			Initial	Final	Initial	Final	Initial	Final	Initial	Final
B-1	R-3	10	9.5	14.4	118.2	121.0	0.426	0.384	60	99

Sample Description:

Dark Brown silty Sand (SM)

Project No.:

020814-001

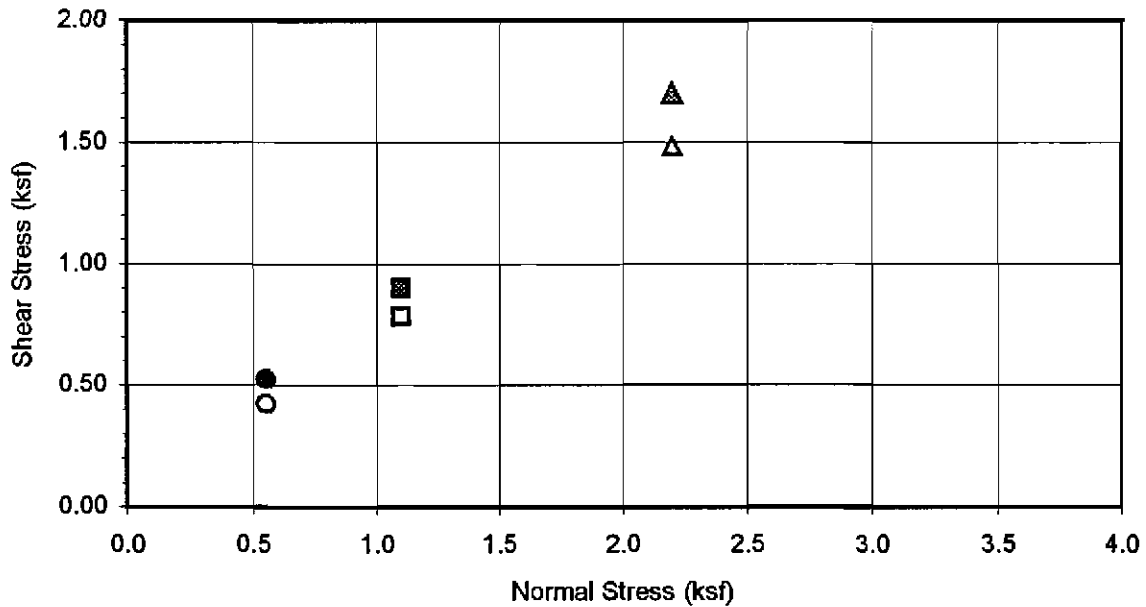
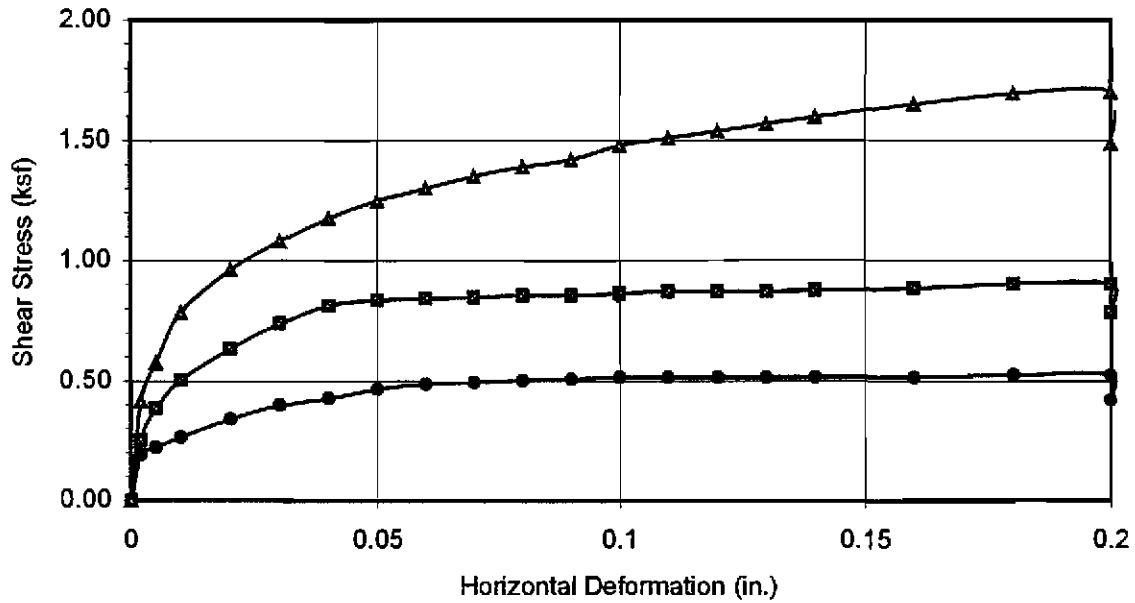
RUSD / NORTH

ONE - DIMENSIONAL CONSOLIDATION
PROPERTIES OF SOILS
(ASTM D 2435)



Leighton and Associates, Inc.

10-02



Normal Stress (kip/ft ²)	0.550	1.100	2.200
Peak Shear Stress (kip/ft ²)	● 0.525	■ 0.903	▲ 1.702
Shear Stress @ End of Test (ksf)	○ 0.422	□ 0.784	△ 1.487
Deformation Rate (in./min.)	0.050	0.050	0.050
Initial Sample Height (in.)	1.000	1.000	1.000
Diameter (in.)	2.416	2.416	2.416
Initial Moisture Content (%)	6.84	6.84	6.84
Dry Density (pcf)	118.8	118.9	118.9
Saturation (%)	44.0	44.2	44.2
Soil Height Before Shearing (in.)	N/A	N/A	N/A
Final Moisture Content (%)	13.6	13.5	13.1

DIRECT SHEAR TEST RESULTS
Consolidated Undrained



Leighton and Associates, Inc.

Boring No.: B-1
Sample No.: Bag-1
Depth (ft): N/A
Soil Description: Brown Sandy Silt (SM)

Project No.: 020814-001

RUSD / NORTH

10-02



Project Name: RUSD/North Tested By: JRS
 Project No.: 020814-001 Calculated By: _____
 Boring No.: B-1 Depth (ft.): 0-5
 Sample No.: Bag-1
 Visual Sample Description: Brn si sand

Preparation Method: Moist Mechanical Ram
 Dry Manual Ram
 Mold Volume (ft³) 0.03322 Ram Weight 10 LBS Drop 18 inches
 0 2.5 5 7.5

TEST NO.	1	2	3	4	5	6
Wt. Comp. Soil + Mold (gm.)	3792.0	3910.0	3884.0	3810.0		
Wt. of Mold (gm.)	1803.0	1803.0	1803.0	1803.0		
Net Wt. of Soil (gm.)	1989.0	2107.0	2081.0	2007.0		
Wet Wt. of Soil + Cont. (gm.)	549.00	554.30	569.40	654.70		
Dry Wt. of Soil + Cont. (gm.)	525.00	518.00	520.50	586.00		
Wt. of Container (gm.)	51.80	51.70	48.20	53.90		
Moisture Content (%)	5.07	7.78	10.35	12.91		
Wet Density (pcf)	132.0	139.8	138.1	133.2		
Dry Density (pcf)	125.6	129.7	125.1	118.0		

Maximum Dry Density (pcf) 130.0 Optimum Moisture Content (%) 8.0

PROCEDURE USED

Procedure A
 Soil Passing No. 4 (4.75 mm) Sieve
 Mold: 4 in. (101.6 mm) diameter
 Layers: 5 (Five)
 Blows per layer: 25 (twenty-five)
 May be used if No.4 retained < 20%

Procedure B
 Soil Passing 3/8 in. (9.5 mm) Sieve
 Mold: 4 in. (101.6 mm) diameter
 Layers: 5 (Five)
 Blows per layer: 25 (twenty-five)
 Use if + #4 > 20% and + 3/8" < 20%

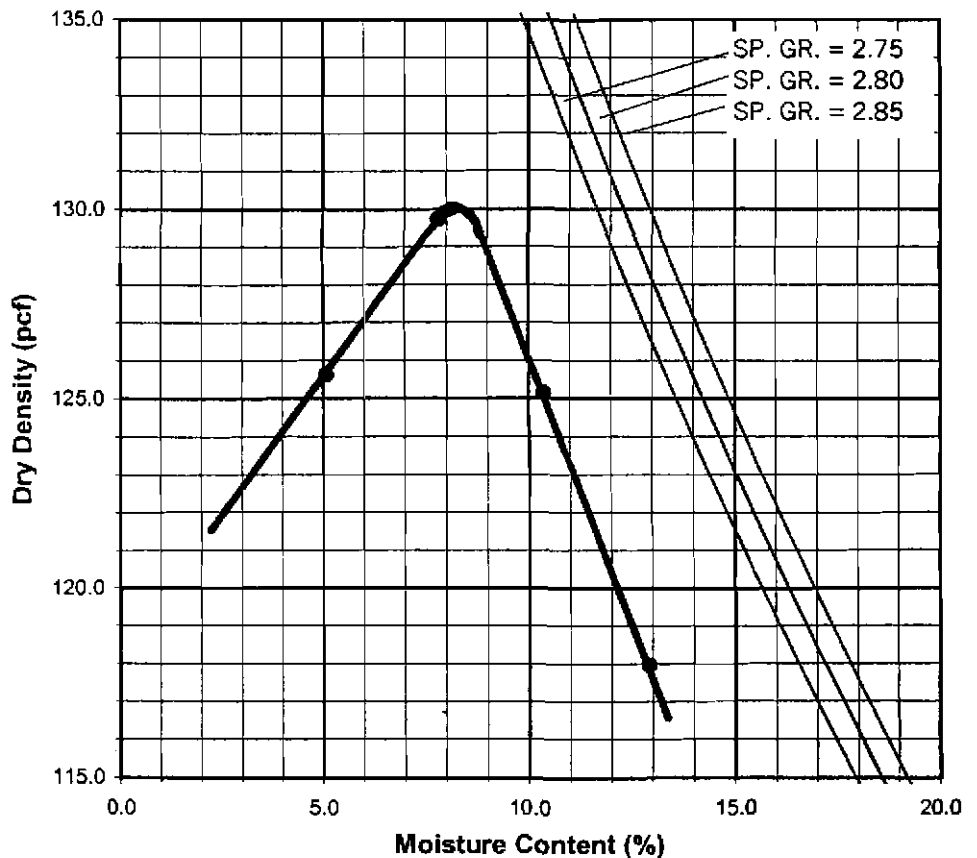
Procedure C
 Soil Passing 3/4 in. (19.0 mm) Sieve
 Mold: 6 in. (152.4 mm) diameter
 Layers: 5 (Five)
 Blows per layer: 56 (fifty-six)
 Use if + 3/8 in > 20% and + 3/4 in < 30%

Particle-Size Distribution:

GR:SA:FI

Atterberg Limits:

LL, PL, PI





Project Name: Rusd / North Tested By: ACS
 Project No. : 020814-001 Checked By FT
 Boring No.: B-1 Depth (ft.) 0-5
 Sample No. : Bag-1
 Visual Sample Description: Strong brown, silty sand (SM)

Dry Wt. of Soil + Cont. (gm.)	1000.00
Wt. of Container No. (gm.)	0.00
Dry Wt. of Soil (gm.)	1000.00
Weight Soil Retained on #4 Sieve	0.00
Percent Passing # 4	100.00

MOLDED SPECIMEN	Before Test	After Test
Specimen Diameter (in.)	4.01	4.01
Specimen Height (in.)	1.0000	1.0019
Wt. Comp. Soil + Mold (gm.)	648.10	456.60
Wt. of Mold (gm.)	208.50	0.00
Specific Gravity (Assumed)	2.70	2.70
Container No.	548	57
Wet Wt. of Soil + Cont. (gm.)	867.90	665.10
Dry Wt. of Soil + Cont. (gm.)	811.10	619.30
Wt. of Container (gm.)	0.00	208.50
Moisture Content (%)	7.00	11.15
Wet Density (pcf)	132.6	137.5
Dry Density (pcf)	123.9	123.7
Void Ratio	0.360	0.363
Total Porosity	0.265	0.266
Pore Volume (cc)	54.8	55.2
Degree of Saturation (%) [S _{meas}]	52.5	82.9

SPECIMEN INUNDATION in distilled water for the period of 24 h or expansion rate < 0.0002 in./h.

Date	Time	Pressure (psi)	Elapsed Time (min.)	Dial Readings (in.)
10/16/02	9:00	1.0	0	0.4429
10/16/02	9:10	1.0	10	0.4421
Add Distilled Water to the Specimen				
10/17/02	7:46	1.0	1356	0.4448
10/17/02	9:46	1.0	1476	0.4448

Expansion Index (EI _{meas}) = ((Final Rdg - Initial Rdg) / Initial Thick.) x 1000	2.7
Expansion Index (EI) ₅₀ = EI _{meas} - (50 - S _{meas})x((65+EI _{meas}) / (220-S _{meas}))	4



SOIL RESISTIVITY TEST

DOT CA TEST 532 / 643

Project Name: RUSD / NORTH

Tested By : VJ

Project No. : 020814-001

Data Input By FT

Boring No.: B-1

Checked By: LF

Sample No. : Bag-1

Depth (ft.): 0-5

Visual Soil Identification: SM

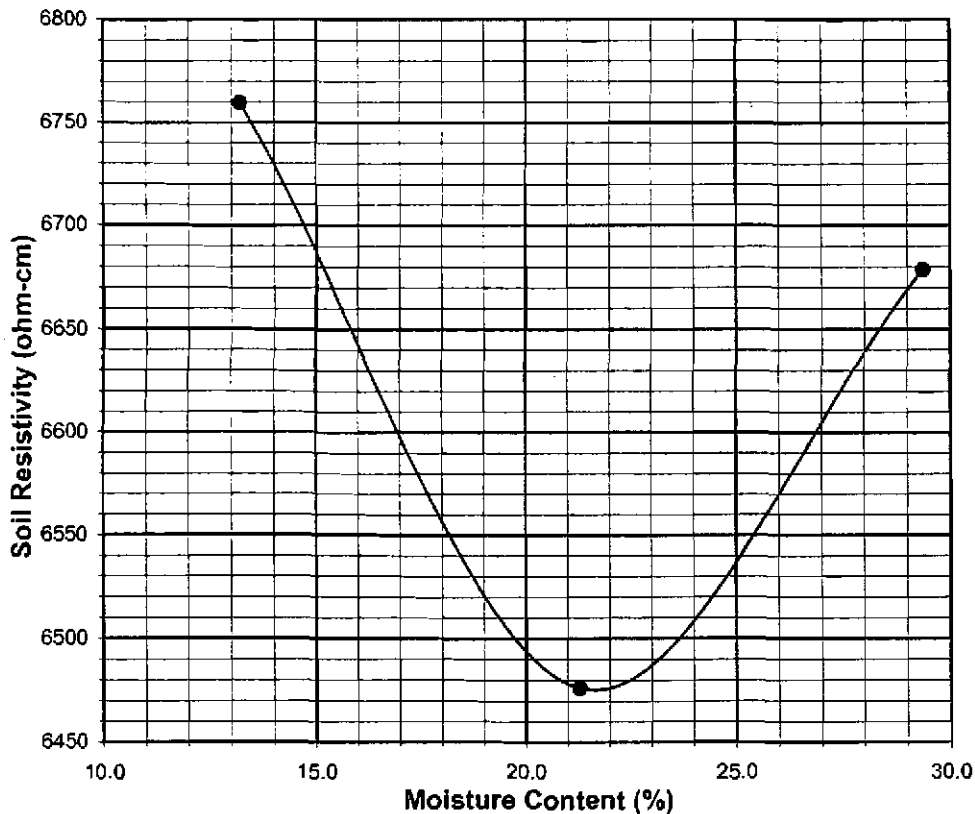
Initial Moisture Content (%)

Wet Wt. of Soil + Cont. (gm.)	150.90
Dry Wt. of Soil + Cont. (gm.)	145.35
Wt. of Container (gm.)	36.70
Moisture Content (%) (MCI)	5.11

Initial Soil Weight (gm)(Wt)	1300.00
Box Constant:	6.7460

$$MC = (((1 + MCI / 100) \times (W_a / W_t + 1)) - 1) \times 100$$

Remolded Specimen	Moisture Adjustments		
Water Added (ml) (W _a)	100	200	300
Adj. Moisture Content (MC)	13.19	21.28	29.36
Resistance Rdg. (ohm)	1002	960	990
Soil Resistivity (ohm-cm)	6759	6476	6679



Minimum Resistivity	Moisture Content	Sulfate Content	Chloride Content	Soil pH
DOT CA Test 532 / 643	DOT CA Test 417 Part	DOT CA Test 422	DOT CA Test 532/643	
6475	21.7	78	84	7.43 @21.1



Teratest Labs, Inc.

R-VALUE TEST RESULTS

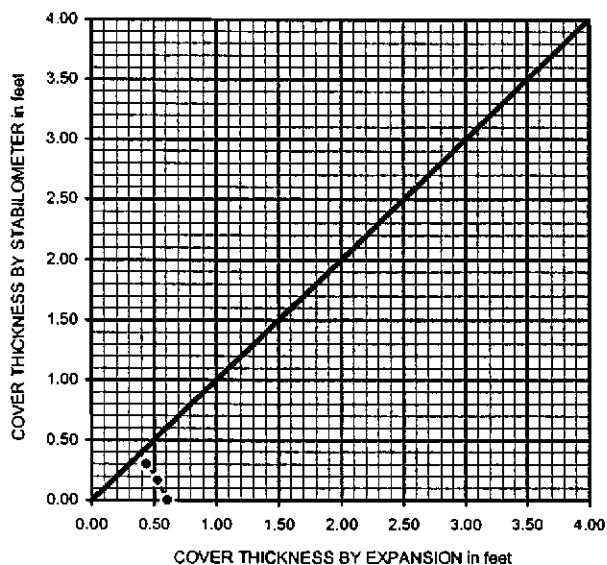
PROJECT NAME: RUSD / North
 SAMPLE NUMBER: B-1
 SAMPLE DESCRIPTION: _____

PROJECT NUMBER: 020814-001
 SAMPLE LOCATION: B-2 0'-5'
 TECHNICIAN: SCF

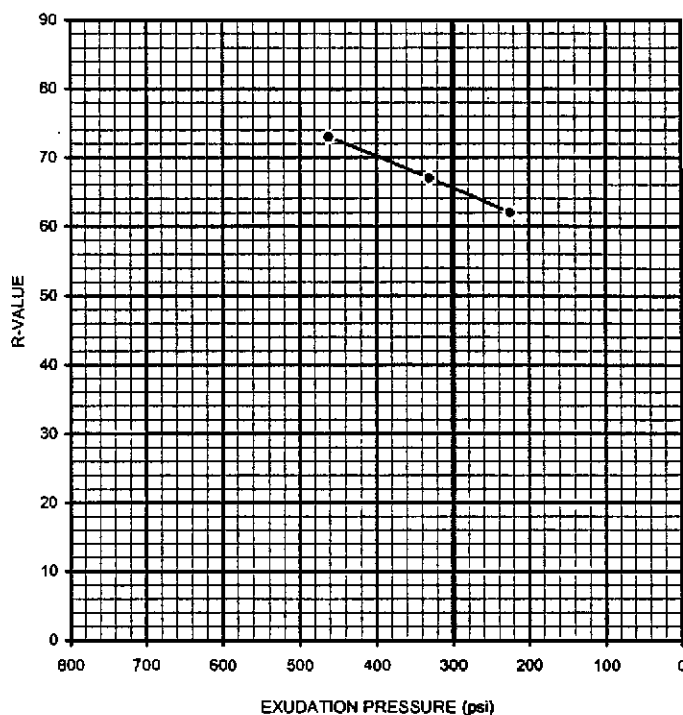
TEST SPECIMEN	a	b	c
MOISTURE AT COMPACTION %	9.0	9.2	9.5
HEIGHT OF SAMPLE, Inches	2.49	2.53	2.49
DRY DENSITY, pcf	127.6	128.8	126.9
COMPACTOR AIR PRESSURE, psf	275	220	150
EXUDATION PRESSURE, psf	461	330	225
EXPANSION, Inches x 10exp-4	9	5	0
STABILITY Ph 2,000 lbs (160 psi)	26	32	37
TURNS DISPLACEMENT	4.81	5.01	5.19
R-VALUE UNCORRECTED	73	67	62
R-VALUE CORRECTED	73	67	62

DESIGN CALCULATION DATA	a	b	c
GRAVEL EQUIVALENT FACTOR	1.0	1.0	1.0
TRAFFIC INDEX	5.0	5.0	5.0
STABILOMETER THICKNESS, ft.	0.43	0.53	0.61
EXPANSION PRESSURE THICKNESS, ft.	0.30	0.17	0.00

EXPANSION PRESSURE CHART



EXUDATION PRESSURE CHART



R-VALUE BY EXPANSION: 78
 R-VALUE BY EXUDATION: 66
 EQUILIBRIUM R-VALUE: 66

APPENDIX D

SUMMARY OF FAULTING, HISTORICAL SEISMICITY,
AND SECONDARY SEISMIC HAZARD ANALYSIS

 * E Q F A U L T *
 * Version 3.00 *

DETERMINISTIC ESTIMATION OF
 PEAK ACCELERATION FROM DIGITIZED FAULTS

JOB NUMBER: 602879-001

JOB NAME: RUSD North HS

CALCULATION NAME: Test Run Analysis

FAULT-DATA-FILE NAME: CDMGFLTE.DAT

SITE COORDINATES:
 SITE LATITUDE: 33.9804
 SITE LONGITUDE: 117.3479

SEARCH RADIUS: 62 mi

ATTENUATION RELATION: 14) Campbell & Bozorgnia (1997 Rev.) - Alluvium
 UNCERTAINTY (M=Median, S=Sigma): M Number of Sigmas: 0.0
 DISTANCE MEASURE: cdist
 SCOND: 0
 Basement Depth: 5.00 km Campbell SSR: 0 Campbell SHR: 0
 COMPUTE PEAK HORIZONTAL ACCELERATION

FAULT-DATA FILE USED: CDMGFLTE.DAT

MINIMUM DEPTH VALUE (km): 3.0

 EQFAULT SUMMARY

 DETERMINISTIC SITE PARAMETERS

ABBREVIATED FAULT NAME	APPROXIMATE DISTANCE mi (km)	ESTIMATED MAX. EARTHQUAKE EVENT		
		MAXIMUM EARTHQUAKE MAG. (Mw)	PEAK SITE ACCEL. g	EST. SITE INTENSITY MOD.MERC.
SAN JACINTO-SAN BERNARDINO	6.1(9.8)	6.7	0.349	IX
SAN JACINTO-SAN JACINTO VALLEY	7.1(11.4)	6.9	0.348	IX
SAN ANDREAS - San Bernardino	15.0(24.1)	7.3	0.246	IX
SAN ANDREAS - Southern	15.0(24.1)	7.4	0.262	IX
CUCAMONGA	16.8(27.1)	7.0	0.195	VIII
CHINO-CENTRAL AVE. (Elsinore)	17.4(28.0)	6.7	0.154	VIII
ELSINORE-GLEN IVY	17.6(28.3)	6.8	0.147	VIII
WHITTIER	18.8(30.3)	6.8	0.136	VIII
CLEGHORN	20.7(33.3)	6.5	0.096	VII
NORTH FRONTAL FAULT ZONE (West)	21.6(34.8)	7.0	0.144	VIII
SAN JOSE	22.2(35.7)	6.5	0.097	VII
ELSINORE-TEMECULA	23.4(37.6)	6.8	0.106	VII
SIERRA MADRE	24.8(39.9)	7.0	0.121	VII
SAN ANDREAS - Mojave	25.2(40.5)	7.1	0.124	VII
SAN ANDREAS - 1857 Rupture	25.2(40.5)	7.8	0.209	VIII
ELYSIAN PARK THRUST	29.4(47.3)	6.7	0.077	VII
SAN JACINTO-ANZA	29.8(48.0)	7.2	0.110	VII
CLAMSHELL-SAWPIT	35.4(57.0)	6.5	0.051	VI
NORTH FRONTAL FAULT ZONE (East)	36.0(57.9)	6.7	0.058	VI
PINTO MOUNTAIN	36.3(58.4)	7.0	0.073	VII
HELENDALE - S. LOCKHARDT	38.5(61.9)	7.1	0.074	VII
COMPTON THRUST	38.5(62.0)	6.8	0.057	VI
RAYMOND	40.2(64.7)	6.5	0.043	VI
NEWPORT-INGLEWOOD (Offshore)	41.6(67.0)	6.9	0.056	VI
NEWPORT-INGLEWOOD (L.A.Basin)	42.0(67.6)	6.9	0.055	VI
VERDUGO	45.8(73.7)	6.7	0.042	VI
ELSINORE-JULIAN	45.9(73.9)	7.1	0.059	VI
LENWOOD-LOCKHART-OLD WOMAN SPRGS	48.3(77.8)	7.3	0.066	VI
SAN ANDREAS - Coachella	50.5(81.3)	7.1	0.052	VI
HOLLYWOOD	51.7(83.2)	6.4	0.028	V
PALOS VERDES	53.4(85.9)	7.1	0.048	VI
JOHNSON VALLEY (Northern)	53.5(86.1)	6.7	0.034	V
BURNT MTN.	54.4(87.6)	6.4	0.025	V
LANDERS	54.9(88.3)	7.3	0.056	VI
EUREKA PEAK	55.6(89.5)	6.4	0.025	V
SAN GABRIEL	58.3(93.8)	7.0	0.040	V
SIERRA MADRE (San Fernando)	58.7(94.5)	6.7	0.029	V
ROSE CANYON	59.0(94.9)	6.9	0.036	V
CORONADO BANK	59.3(95.5)	7.4	0.055	VI
EMERSON So. - COPPER MTN.	60.1(96.7)	6.9	0.035	V
SAN JACINTO-COYOTE CREEK	60.2(96.9)	6.8	0.032	V
SANTA MONICA	61.5(99.0)	6.6	0.025	V

 -END OF SEARCH- 42 FAULTS FOUND WITHIN THE SPECIFIED SEARCH RADIUS.

THE SAN JACINTO-SAN BERNARDINO FAULT IS CLOSEST TO THE SITE.
 IT IS ABOUT 6.1 MILES (9.8 km) AWAY.

LARGEST MAXIMUM-EARTHQUAKE SITE ACCELERATION: 0.3491 g

 * E Q S E A R C H *
 * Version 3.00 *

ESTIMATION OF
 PEAK ACCELERATION FROM
 CALIFORNIA EARTHQUAKE CATALOGS

JOB NUMBER: 602879-001

JOB NAME: RUSD North HS

EARTHQUAKE-CATALOG-FILE NAME: ALLQUAKE.DAT

MAGNITUDE RANGE:
 MINIMUM MAGNITUDE: 5.00
 MAXIMUM MAGNITUDE: 9.00

SITE COORDINATES:
 SITE LATITUDE: 33.9804
 SITE LONGITUDE: 117.3479

SEARCH DATES:
 START DATE: 1800
 END DATE: 2010

SEARCH RADIUS:
 62.0 mi
 99.8 km

ATTENUATION RELATION: 14) Campbell & Bozorgnia (1997 Rev.) - Alluvium
 UNCERTAINTY (M=Median, S=Sigma): M Number of Sigmas: 0.0
 ASSUMED SOURCE TYPE: DS [SS=Strike-slip, DS=Reverse-slip, BT=Blind-thrust]
 SCOND: 0 Depth Source: A
 Basement Depth: 5.00 km Campbell SSR: 0 Campbell SHR: 0
 COMPUTE PEAK HORIZONTAL ACCELERATION

MINIMUM DEPTH VALUE (km): 3.0

 EARTHQUAKE SEARCH RESULTS

FILE CODE	LAT. NORTH	LONG. WEST	DATE	TIME (UTC) H M Sec	DEPTH (km)	QUAKE MAG.	SITE ACC. g	SITE MM INT.	APPROX. DISTANCE mi [km]
DMG	34.0000	117.2500	07/23/1923	73026.0	0.0	6.25	0.372	IX	5.8 (9.3)
MGI	34.1000	117.3000	07/15/1905	2041 0.0	0.0	5.30	0.123	VII	8.7 (14.0)
MGI	34.0000	117.5000	12/16/1858	10 0 0.0	0.0	7.00	0.365	IX	8.8 (14.2)
DMG	33.9000	117.2000	12/19/1880	0 0 0.0	0.0	6.00	0.182	VIII	10.1 (16.3)
DMG	34.2000	117.4000	07/22/1899	046 0.0	0.0	5.50	0.072	VI	15.4 (24.9)
MGI	33.8000	117.6000	04/22/1918	2115 0.0	0.0	5.00	0.036	V	19.1 (30.7)
DMG	33.7000	117.4000	05/15/1910	1547 0.0	0.0	6.00	0.078	VII	19.6 (31.5)
DMG	33.7000	117.4000	05/13/1910	620 0.0	0.0	5.00	0.035	V	19.6 (31.5)
DMG	33.7000	117.4000	04/11/1910	757 0.0	0.0	5.00	0.035	V	19.6 (31.5)
DMG	34.2000	117.1000	09/20/1907	154 0.0	0.0	6.00	0.072	VII	20.8 (33.4)
DMG	33.6990	117.5110	05/31/1938	83455.4	10.0	5.50	0.046	VI	21.6 (34.7)
DMG	34.2700	117.5400	09/12/1970	143053.0	8.0	5.40	0.039	V	22.8 (36.7)
GSP	34.1400	117.7000	02/28/1990	234336.6	5.0	5.20	0.033	V	23.0 (36.9)
DMG	33.8000	117.0000	12/25/1899	1225 0.0	0.0	6.40	0.083	VII	23.5 (37.8)
DMG	34.3000	117.5000	07/22/1899	2032 0.0	0.0	6.50	0.088	VII	23.7 (38.2)
DMG	33.7500	117.0000	06/06/1918	2232 0.0	0.0	5.00	0.024	V	25.5 (41.0)
DMG	33.7500	117.0000	04/21/1918	223225.0	0.0	6.80	0.100	VII	25.5 (41.0)
DMG	34.3000	117.6000	07/30/1894	512 0.0	0.0	6.00	0.052	VI	26.3 (42.4)
DMG	34.1800	116.9200	01/16/1930	02433.9	0.0	5.20	0.025	V	28.1 (45.2)
DMG	34.1800	116.9200	01/16/1930	034 3.6	0.0	5.10	0.023	IV	28.1 (45.2)
DMG	33.9500	116.8500	09/28/1946	719 9.0	0.0	5.00	0.021	IV	28.6 (46.0)
DMG	34.2670	116.9670	08/29/1943	34513.0	0.0	5.50	0.030	V	29.4 (47.3)
DMG	33.7100	116.9250	09/23/1963	144152.6	16.5	5.00	0.019	IV	30.6 (49.2)
GSP	34.1630	116.8550	06/28/1992	144321.0	6.0	5.30	0.024	IV	30.9 (49.7)
GSP	34.1950	116.8620	08/17/1992	204152.1	11.0	5.30	0.023	IV	31.5 (50.7)
DMG	34.3700	117.6500	12/08/1812	15 0 0.0	0.0	7.00	0.086	VII	32.0 (51.4)
DMG	34.1000	116.8000	10/24/1935	1448 7.6	0.0	5.10	0.019	IV	32.4 (52.2)
GSN	34.2030	116.8270	06/28/1992	150530.7	5.0	6.70	0.064	VI	33.5 (53.9)
GSP	34.2390	116.8370	07/09/1992	014357.6	0.0	5.30	0.020	IV	34.2 (55.1)
DMG	34.2000	117.9000	08/28/1889	215 0.0	0.0	5.50	0.023	IV	35.0 (56.4)
GSP	34.3400	116.9000	11/27/1992	160057.5	1.0	5.30	0.019	IV	35.7 (57.4)
DMG	33.9760	116.7210	06/12/1944	104534.7	10.0	5.10	0.016	IV	35.9 (57.8)
DMG	33.9940	116.7120	06/12/1944	111636.0	10.0	5.30	0.019	IV	36.4 (58.6)
GSP	34.3690	116.8970	12/04/1992	020857.5	3.0	5.30	0.018	IV	37.2 (59.8)
MGI	34.0000	118.0000	12/25/1903	1745 0.0	0.0	5.00	0.014	IV	37.4 (60.1)
DMG	34.1000	116.7000	02/07/1889	520 0.0	0.0	5.30	0.018	IV	38.0 (61.1)
GSP	34.2620	118.0020	06/28/1991	144354.5	11.0	5.40	0.017	IV	42.1 (67.8)
PAS	34.0610	118.0790	10/01/1987	144220.0	9.5	5.90	0.025	V	42.2 (67.9)
PAS	33.9980	116.6060	07/08/1986	92044.5	11.7	5.60	0.019	IV	42.5 (68.4)
PAS	34.0730	118.0980	10/04/1987	105938.2	8.2	5.30	0.015	IV	43.4 (69.8)
DMG	33.6170	117.9670	03/11/1933	154 7.8	0.0	6.30	0.033	V	43.5 (70.0)
MGI	34.1000	118.1000	07/11/1855	415 0.0	0.0	6.30	0.032	V	43.8 (70.5)
DMG	33.7500	118.0830	03/11/1933	323 0.0	0.0	5.00	0.011	III	45.0 (72.5)
DMG	33.7500	118.0830	03/11/1933	2 9 0.0	0.0	5.00	0.011	III	45.0 (72.5)
DMG	33.7500	118.0830	03/11/1933	910 0.0	0.0	5.10	0.012	III	45.0 (72.5)
DMG	33.7500	118.0830	03/11/1933	230 0.0	0.0	5.10	0.012	III	45.0 (72.5)
DMG	33.7500	118.0830	03/13/1933	131828.0	0.0	5.30	0.014	IV	45.0 (72.5)
DMG	33.6830	118.0500	03/11/1933	658 3.0	0.0	5.50	0.016	IV	45.2 (72.7)
DMG	33.7000	118.0670	03/11/1933	85457.0	0.0	5.10	0.012	III	45.6 (73.3)
DMG	33.7000	118.0670	03/11/1933	51022.0	0.0	5.10	0.012	III	45.6 (73.3)
DMG	33.6170	118.0170	03/14/1933	19 150.0	0.0	5.10	0.011	III	45.9 (73.8)
DMG	33.5750	117.9830	03/11/1933	518 4.0	0.0	5.20	0.012	III	46.0 (73.9)
DMG	33.7830	118.1330	10/02/1933	91017.6	0.0	5.40	0.014	IV	47.0 (75.7)

 EARTHQUAKE SEARCH RESULTS

Page 2

FILE CODE	LAT. NORTH	LONG. WEST	DATE	TIME	DEPTH	QUAKE MAG.	SITE ACC. g	SITE MM INT.	APPROX.
				(UTC) H M Sec					(km)
DMG	34.0170	116.5000	07/25/1947	61949.0	0.0	5.20	0.011	III	48.6 (78.2)
DMG	34.0170	116.5000	07/24/1947	221046.0	0.0	5.50	0.015	IV	48.6 (78.2)
DMG	34.0170	116.5000	07/26/1947	24941.0	0.0	5.10	0.011	III	48.6 (78.2)
DMG	34.0170	116.5000	07/25/1947	04631.0	0.0	5.00	0.010	III	48.6 (78.2)
T-A	34.0000	118.2500	03/26/1860	0 0 0.0	0.0	5.00	0.009	III	51.7 (83.1)
T-A	34.0000	118.2500	01/10/1856	0 0 0.0	0.0	5.00	0.009	III	51.7 (83.1)
T-A	34.0000	118.2500	09/23/1827	0 0 0.0	0.0	5.00	0.009	III	51.7 (83.1)
MGI	34.0800	118.2600	07/16/1920	18 8 0.0	0.0	5.00	0.009	III	52.6 (84.7)
GSP	34.3410	116.5290	06/28/1992	124053.5	6.0	5.20	0.010	III	53.0 (85.3)
DMG	33.8500	118.2670	03/11/1933	1425 0.0	0.0	5.00	0.009	III	53.4 (86.0)
DMG	33.7830	118.2500	11/14/1941	84136.3	0.0	5.40	0.012	III	53.5 (86.0)
GSP	34.1390	116.4310	06/28/1992	123640.6	10.0	5.10	0.009	III	53.6 (86.2)
GSN	34.2010	116.4360	06/28/1992	115734.1	1.0	7.60	0.066	VI	54.3 (87.4)
MGI	34.0000	118.3000	09/03/1905	540 0.0	0.0	5.30	0.011	III	54.5 (87.7)
GSP	34.1080	116.4040	06/29/1992	141338.8	9.0	5.40	0.011	III	54.7 (88.0)
DMG	33.9330	116.3830	12/04/1948	234317.0	0.0	6.50	0.027	V	55.4 (89.1)
GSP	34.3320	116.4620	07/01/1992	074029.9	9.0	5.40	0.011	III	56.1 (90.3)
GSP	34.0640	116.3610	09/15/1992	084711.3	9.0	5.20	0.009	III	56.8 (91.4)
PAS	34.3270	116.4450	03/15/1979	21 716.5	2.5	5.20	0.009	III	56.9 (91.5)
GSP	34.2680	116.4020	06/16/1994	162427.5	3.0	5.00	0.008	II	57.6 (92.7)
PAS	33.5010	116.5130	02/25/1980	104738.5	13.6	5.50	0.011	III	58.2 (93.7)
DMG	34.0670	116.3330	05/18/1940	55120.2	0.0	5.20	0.009	III	58.4 (93.9)
DMG	34.0670	116.3330	05/18/1940	72132.7	0.0	5.00	0.008	II	58.4 (93.9)
GSP	34.0290	116.3210	08/21/1993	014638.4	9.0	5.00	0.007	II	58.9 (94.7)
DMG	33.5000	116.5000	09/30/1916	211 0.0	0.0	5.00	0.007	II	58.9 (94.8)
GSP	33.9610	116.3180	04/23/1992	045023.0	12.0	6.10	0.018	IV	59.0 (94.9)
DMG	34.0830	116.3000	05/18/1940	5 358.5	0.0	5.40	0.010	III	60.4 (97.2)
DMG	34.5190	118.1980	08/23/1952	10 9 7.1	13.1	5.00	0.007	II	61.1 (98.4)
PAS	34.5160	116.4950	06/01/1975	13849.2	4.5	5.20	0.008	III	61.1 (98.4)
GSP	33.9020	116.2840	07/24/1992	181436.2	9.0	5.00	0.007	II	61.2 (98.4)

 -END OF SEARCH- 83 EARTHQUAKES FOUND WITHIN THE SPECIFIED SEARCH AREA.

TIME PERIOD OF SEARCH: 1800 TO 2010

LENGTH OF SEARCH TIME: 211 years

THE EARTHQUAKE CLOSEST TO THE SITE IS ABOUT 5.8 MILES (9.3 km) AWAY.

LARGEST EARTHQUAKE MAGNITUDE FOUND IN THE SEARCH RADIUS: 7.6

LARGEST EARTHQUAKE SITE ACCELERATION FROM THIS SEARCH: 0.372 g

COEFFICIENTS FOR GUTENBERG & RICHTER RECURRENCE RELATION:

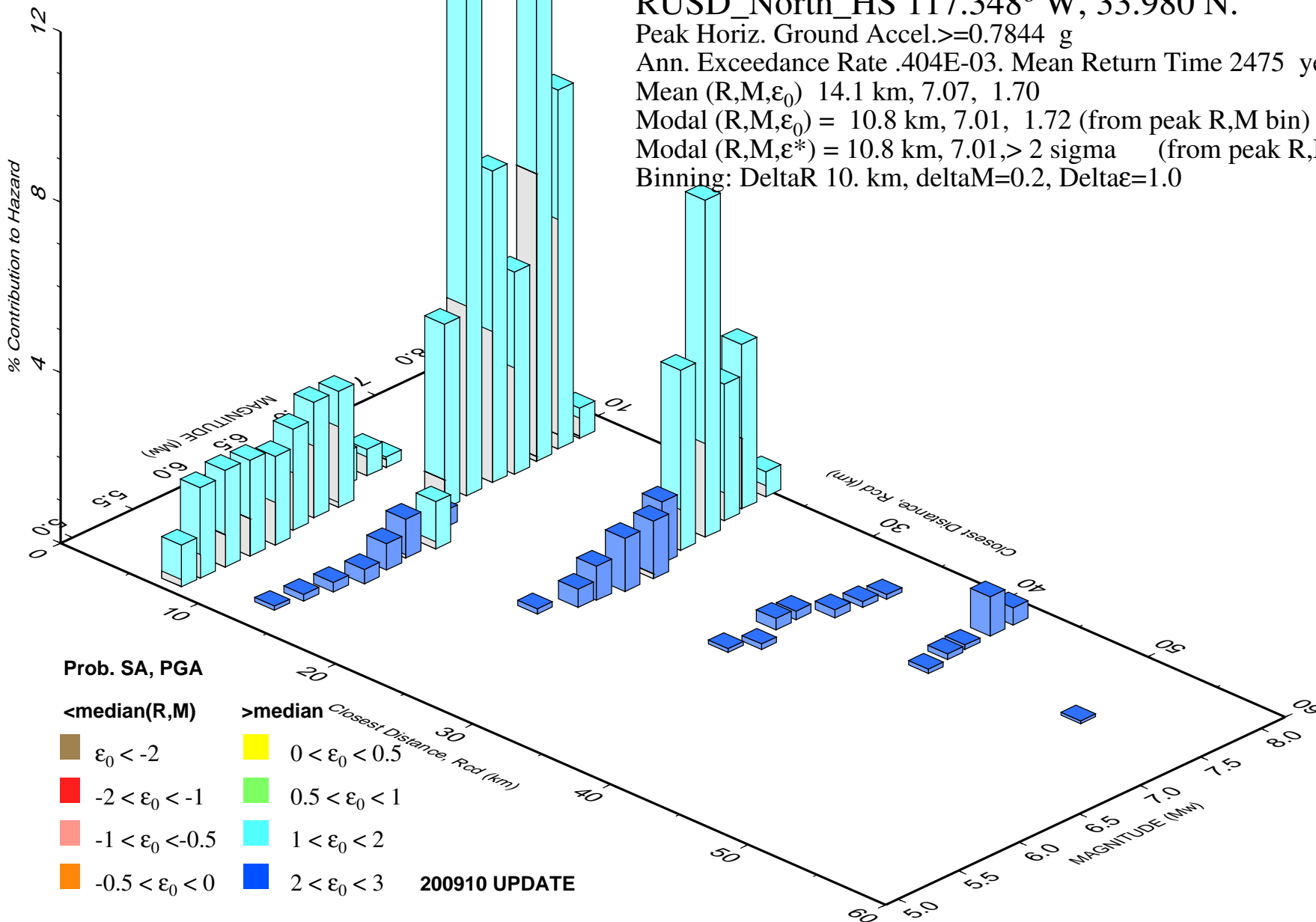
a-value= 1.299
 b-value= 0.390
 beta-value= 0.898

 TABLE OF MAGNITUDES AND EXCEEDANCES:

Earthquake Magnitude	Number of Times Exceeded	Cumulative No. / Year
4.0	83	0.39524
4.5	83	0.39524
5.0	83	0.39524
5.5	25	0.11905
6.0	16	0.07619
6.5	7	0.03333
7.0	3	0.01429
7.5	1	0.00476

PSH Deaggregation on NEHRP D soil
 RUSD_North_HS 117.348° W, 33.980 N.

Peak Horiz. Ground Accel. ≥ 0.7844 g
 Ann. Exceedance Rate .404E-03. Mean Return Time 2475 years
 Mean (R,M, ϵ_0) 14.1 km, 7.07, 1.70
 Modal (R,M, ϵ_0) = 10.8 km, 7.01, 1.72 (from peak R,M bin)
 Modal (R,M, ϵ^*) = 10.8 km, 7.01, > 2 sigma (from peak R,M, ϵ bin)
 Binning: DeltaR 10. km, deltaM=0.2, Delta ϵ =1.0



PSH Deaggregation on NEHRP D soil
 RUSD_North_High 117.348° W, 33.980 N.

SA period 0.10 sec. Accel.>=1.2942 g

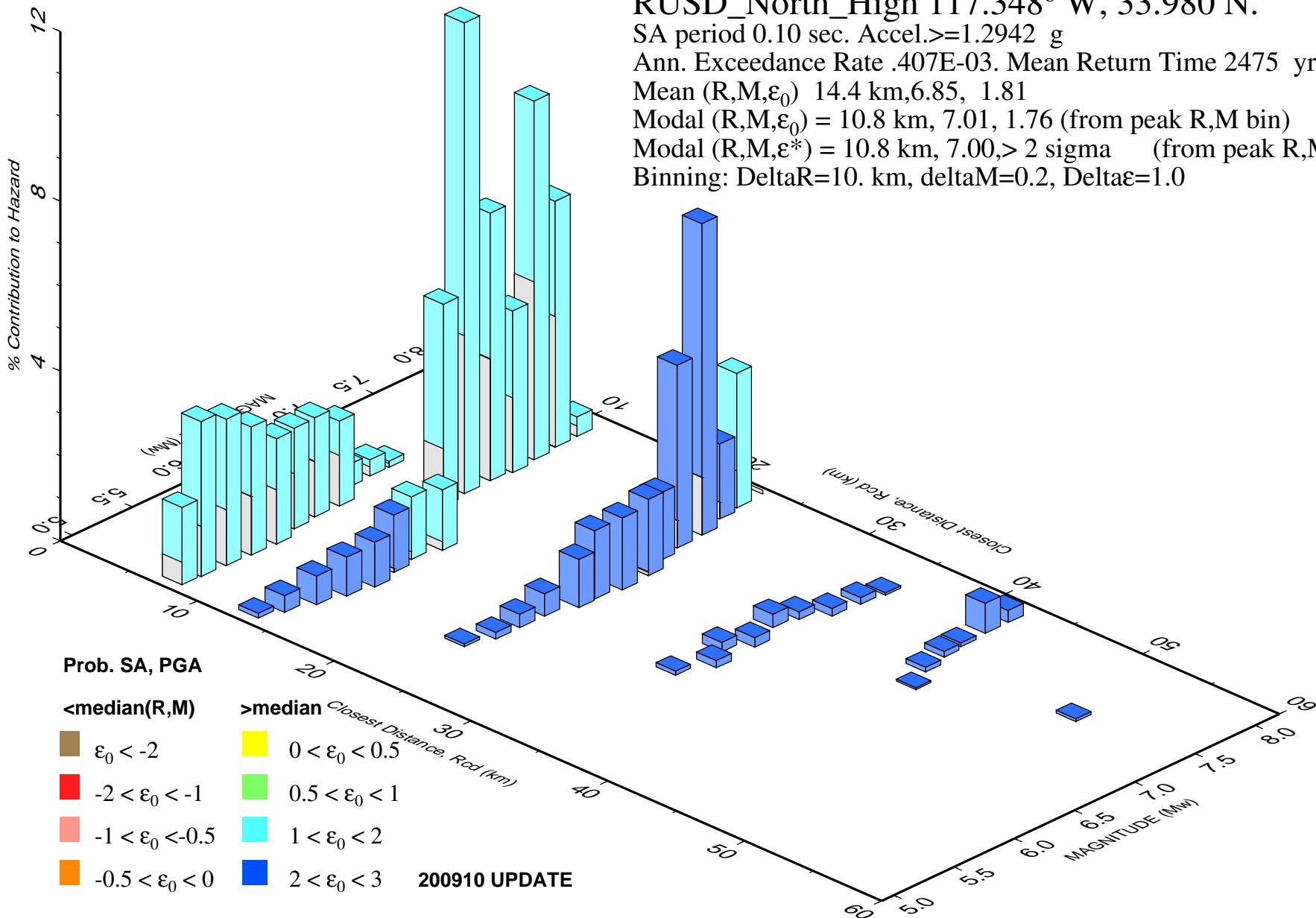
Ann. Exceedance Rate .407E-03. Mean Return Time 2475 yrs

Mean (R,M, ϵ_0) 14.4 km,6.85, 1.81

Modal (R,M, ϵ_0) = 10.8 km, 7.01, 1.76 (from peak R,M bin)

Modal (R,M, ϵ^*) = 10.8 km, 7.00,> 2 sigma (from peak R,M, ϵ bin)

Binning: DeltaR=10. km, deltaM=0.2, Delta ϵ =1.0



Prob. SA, PGA

<median(R,M)

>median

$\epsilon_0 < -2$

$0 < \epsilon_0 < 0.5$

$-2 < \epsilon_0 < -1$

$0.5 < \epsilon_0 < 1$

$-1 < \epsilon_0 < -0.5$

$1 < \epsilon_0 < 2$

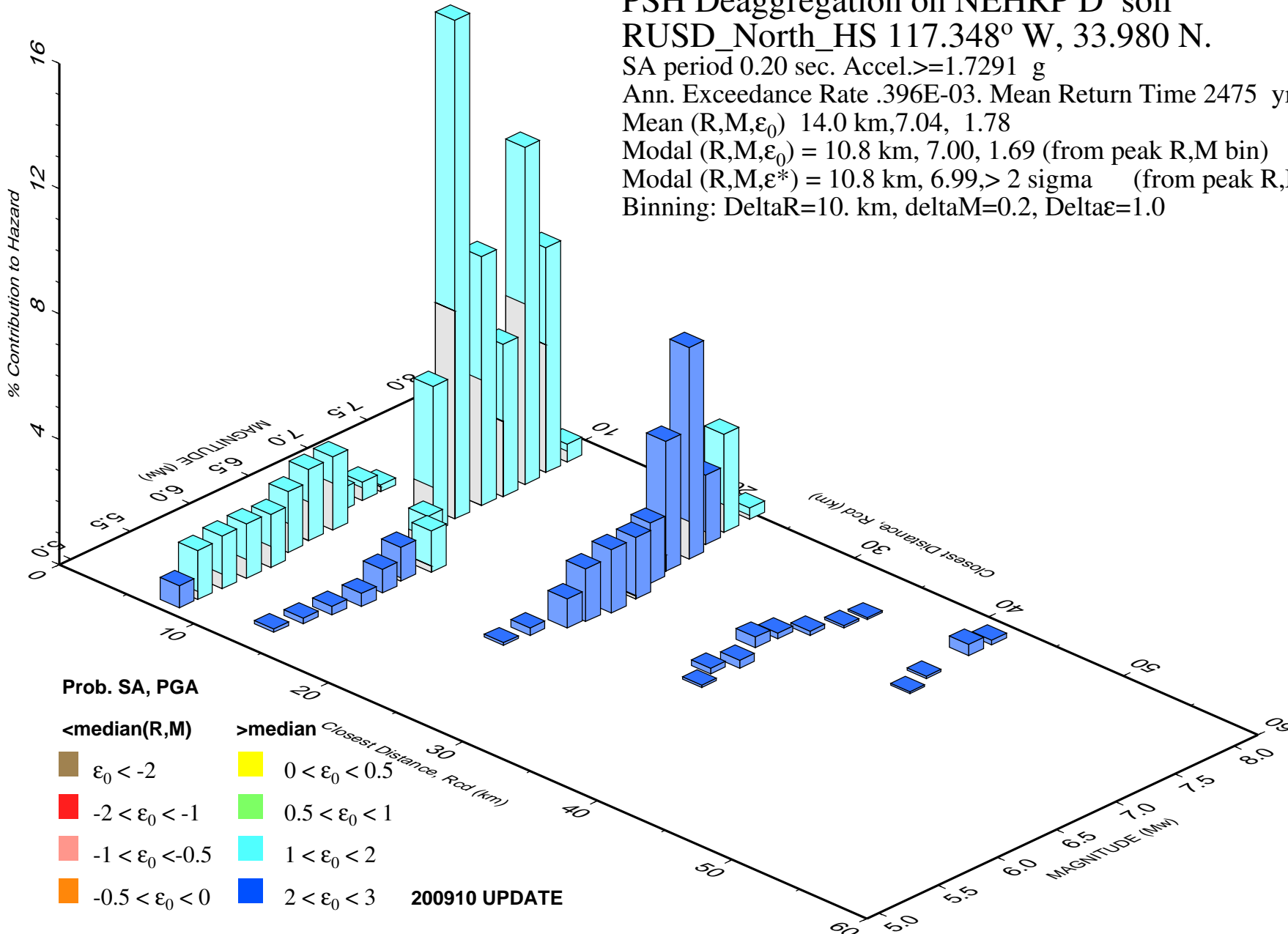
$-0.5 < \epsilon_0 < 0$

$2 < \epsilon_0 < 3$

200910 UPDATE

PSH Deaggregation on NEHRP D soil
 RUSD_North_HS 117.348° W, 33.980 N.

SA period 0.20 sec. Accel.>=1.7291 g
 Ann. Exceedance Rate .396E-03. Mean Return Time 2475 yrs
 Mean (R,M, ϵ_0) 14.0 km,7.04, 1.78
 Modal (R,M, ϵ_0) = 10.8 km, 7.00, 1.69 (from peak R,M bin)
 Modal (R,M, ϵ^*) = 10.8 km, 6.99,> 2 sigma (from peak R,M, ϵ bin)
 Binning: DeltaR=10. km, deltaM=0.2, Delta ϵ =1.0



Prob. SA, PGA

<median(R,M)

- $\epsilon_0 < -2$
- $-2 < \epsilon_0 < -1$
- $-1 < \epsilon_0 < -0.5$
- $-0.5 < \epsilon_0 < 0$

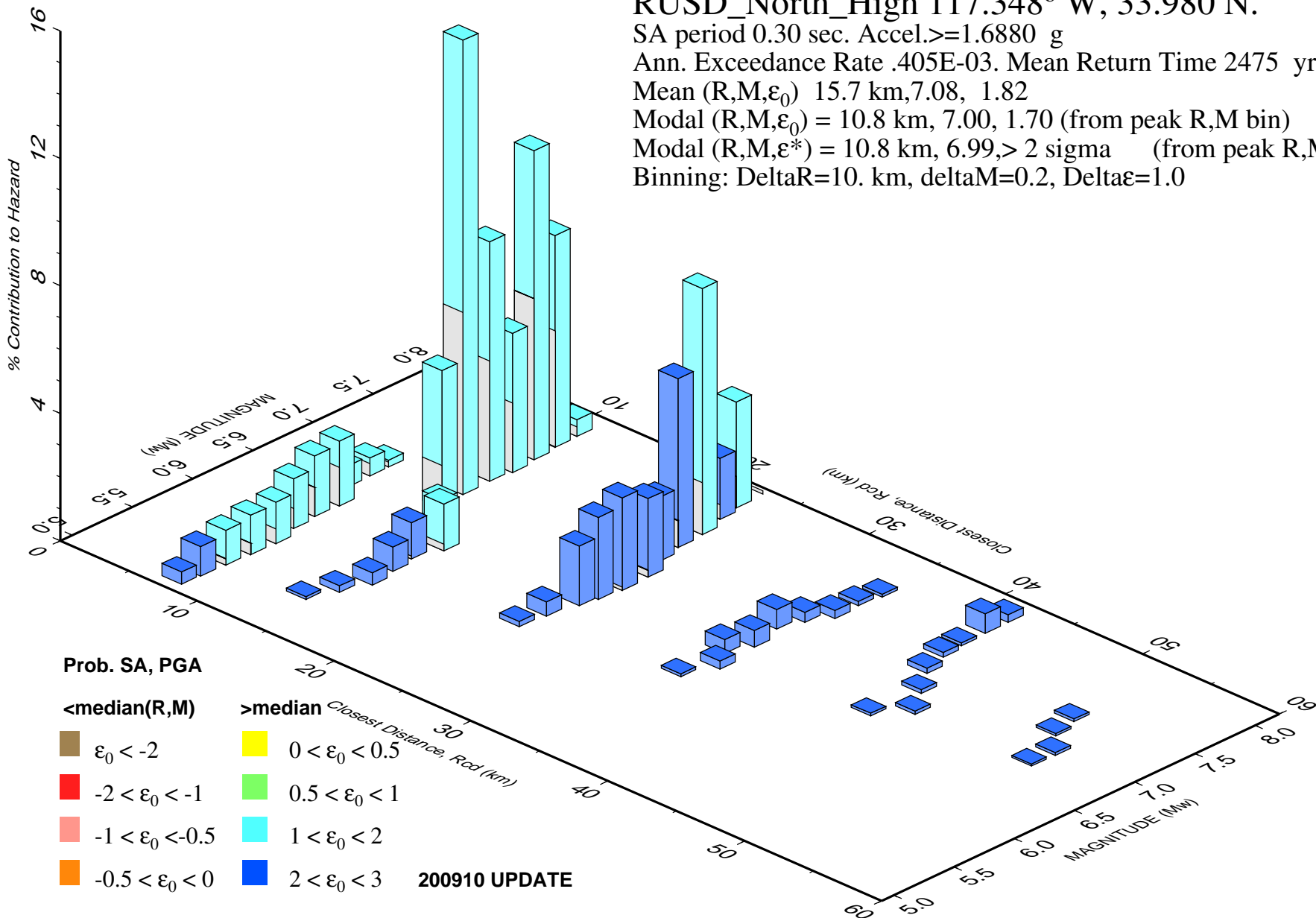
>median

- $0 < \epsilon_0 < 0.5$
- $0.5 < \epsilon_0 < 1$
- $1 < \epsilon_0 < 2$
- $2 < \epsilon_0 < 3$

200910 UPDATE

PSH Deaggregation on NEHRP D soil
 RUSD_North_High 117.348° W, 33.980 N.

SA period 0.30 sec. Accel.>=1.6880 g
 Ann. Exceedance Rate .405E-03. Mean Return Time 2475 yrs
 Mean (R,M, ϵ_0) 15.7 km,7.08, 1.82
 Modal (R,M, ϵ_0) = 10.8 km, 7.00, 1.70 (from peak R,M bin)
 Modal (R,M, ϵ^*) = 10.8 km, 6.99,> 2 sigma (from peak R,M, ϵ bin)
 Binning: DeltaR=10. km, deltaM=0.2, Delta ϵ =1.0



Prob. SA, PGA

<median(R,M)

>median

$\epsilon_0 < -2$

$0 < \epsilon_0 < 0.5$

$-2 < \epsilon_0 < -1$

$0.5 < \epsilon_0 < 1$

$-1 < \epsilon_0 < -0.5$

$1 < \epsilon_0 < 2$

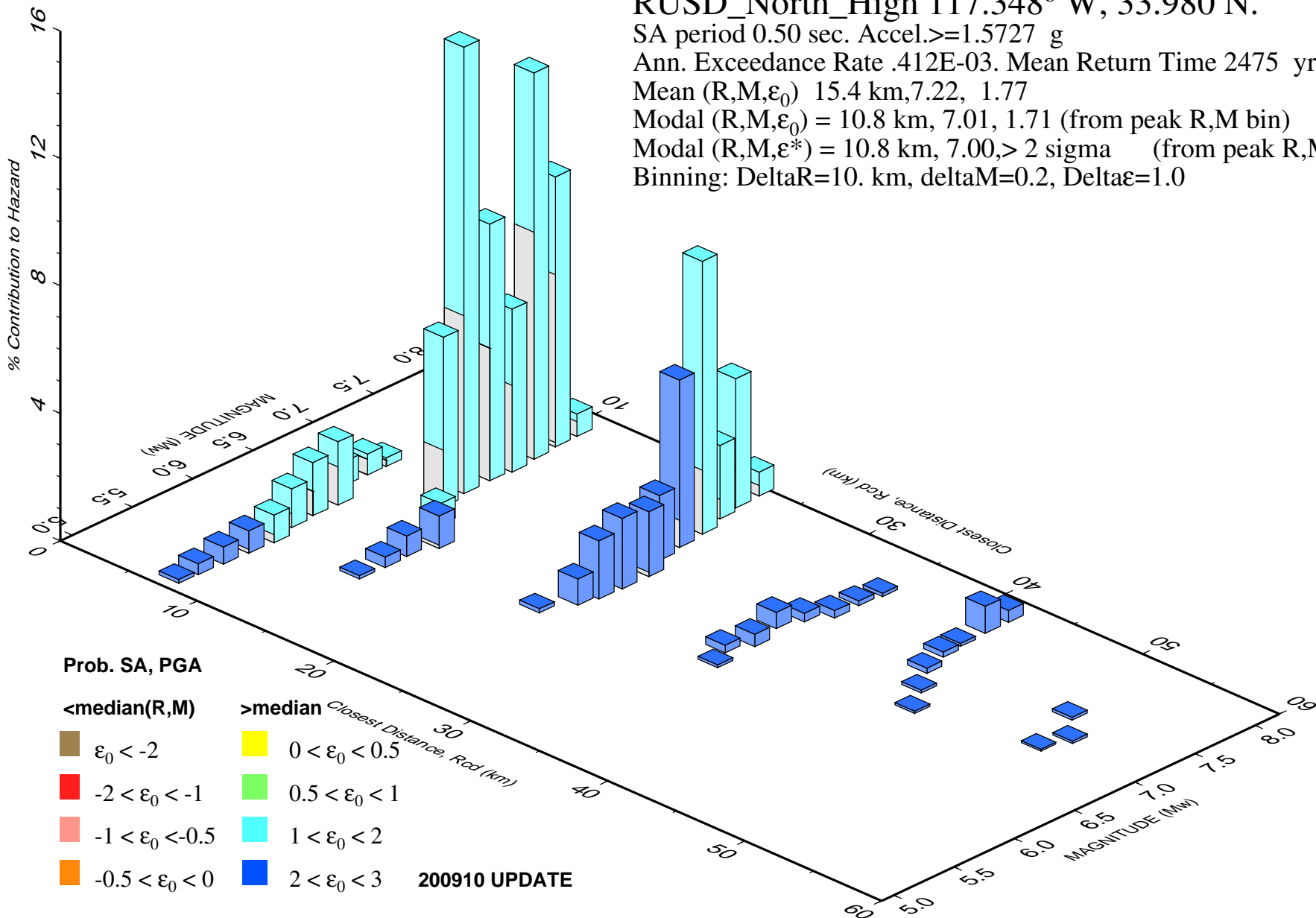
$-0.5 < \epsilon_0 < 0$

$2 < \epsilon_0 < 3$

200910 UPDATE

PSH Deaggregation on NEHRP D soil RUSD_North_High 117.348° W, 33.980 N.

SA period 0.50 sec. Accel. \geq 1.5727 g
 Ann. Exceedance Rate .412E-03. Mean Return Time 2475 yrs
 Mean (R,M, ϵ_0) 15.4 km,7.22, 1.77
 Modal (R,M, ϵ_0) = 10.8 km, 7.01, 1.71 (from peak R,M bin)
 Modal (R,M, ϵ^*) = 10.8 km, 7.00, > 2 sigma (from peak R,M, ϵ bin)
 Binning: DeltaR=10. km, deltaM=0.2, Delta ϵ =1.0



PSH Deaggregation on NEHRP D soil
 RUSD_North_High 117.348° W, 33.980 N.

SA period 1.00 sec. Accel.>=1.2276 g

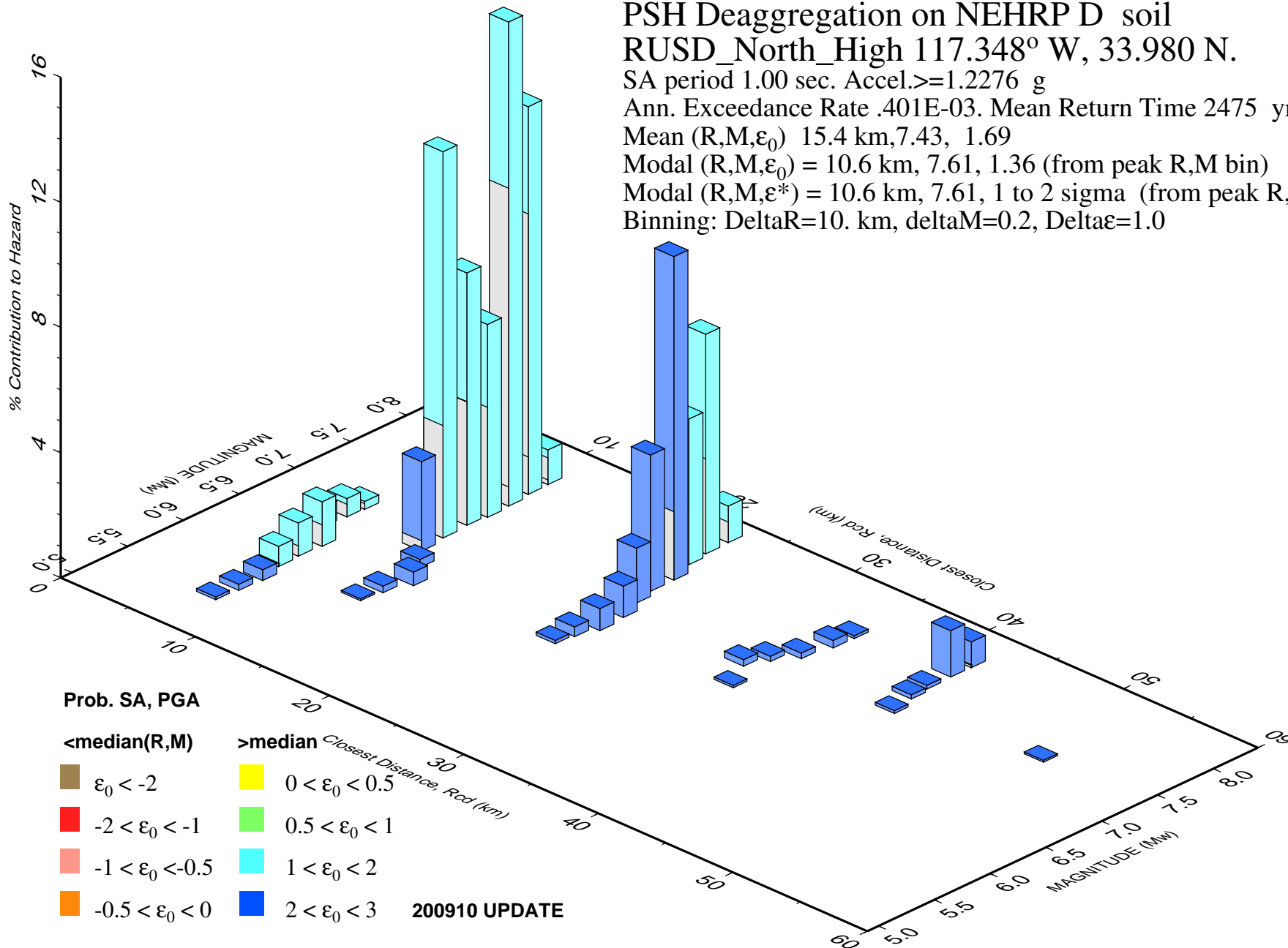
Ann. Exceedance Rate .401E-03. Mean Return Time 2475 yrs

Mean (R,M, ϵ_0) 15.4 km, 7.43, 1.69

Modal (R,M, ϵ_0) = 10.6 km, 7.61, 1.36 (from peak R,M bin)

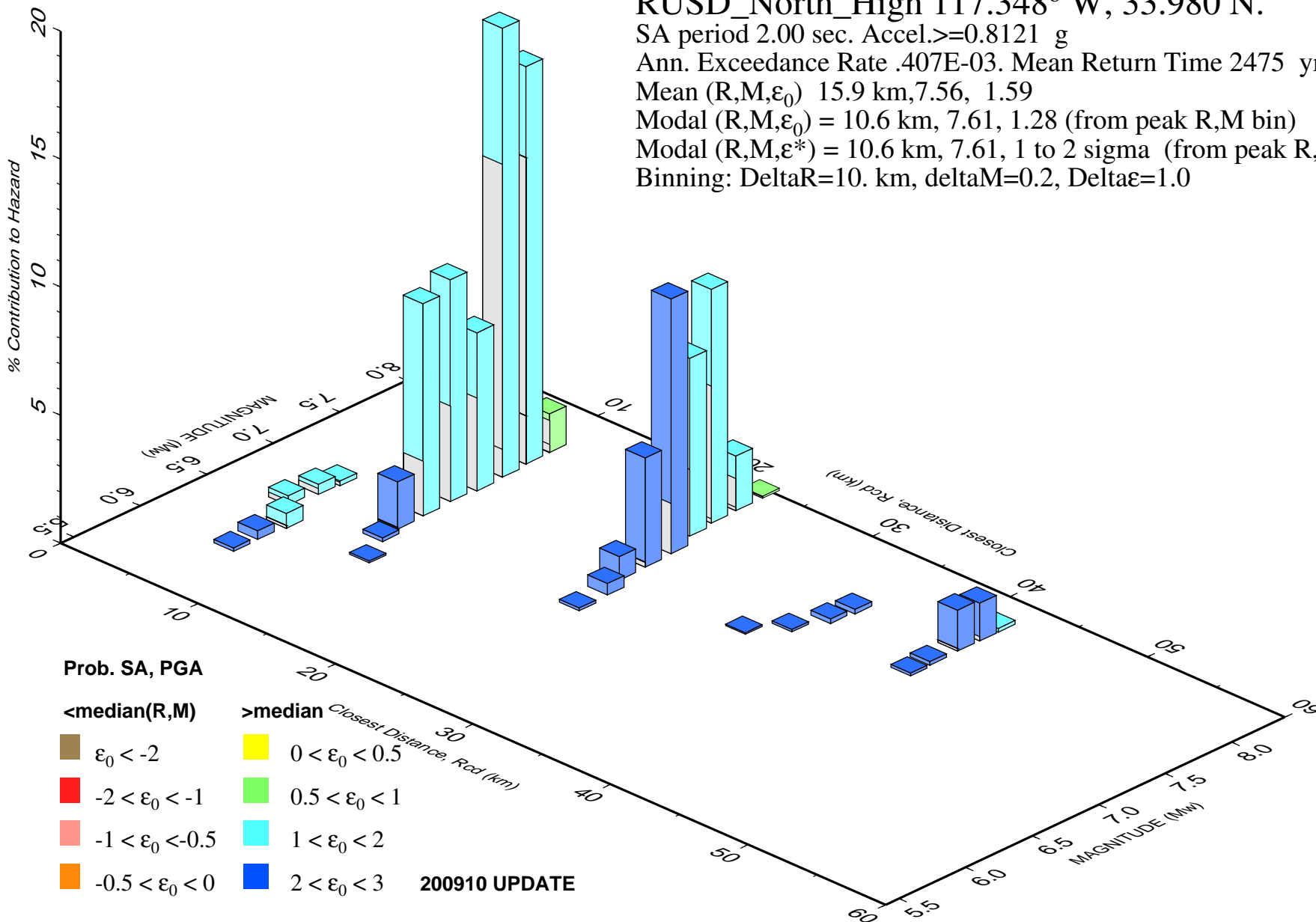
Modal (R,M, ϵ^*) = 10.6 km, 7.61, 1 to 2 sigma (from peak R,M, ϵ bin)

Binning: DeltaR=10. km, deltaM=0.2, Delta ϵ =1.0



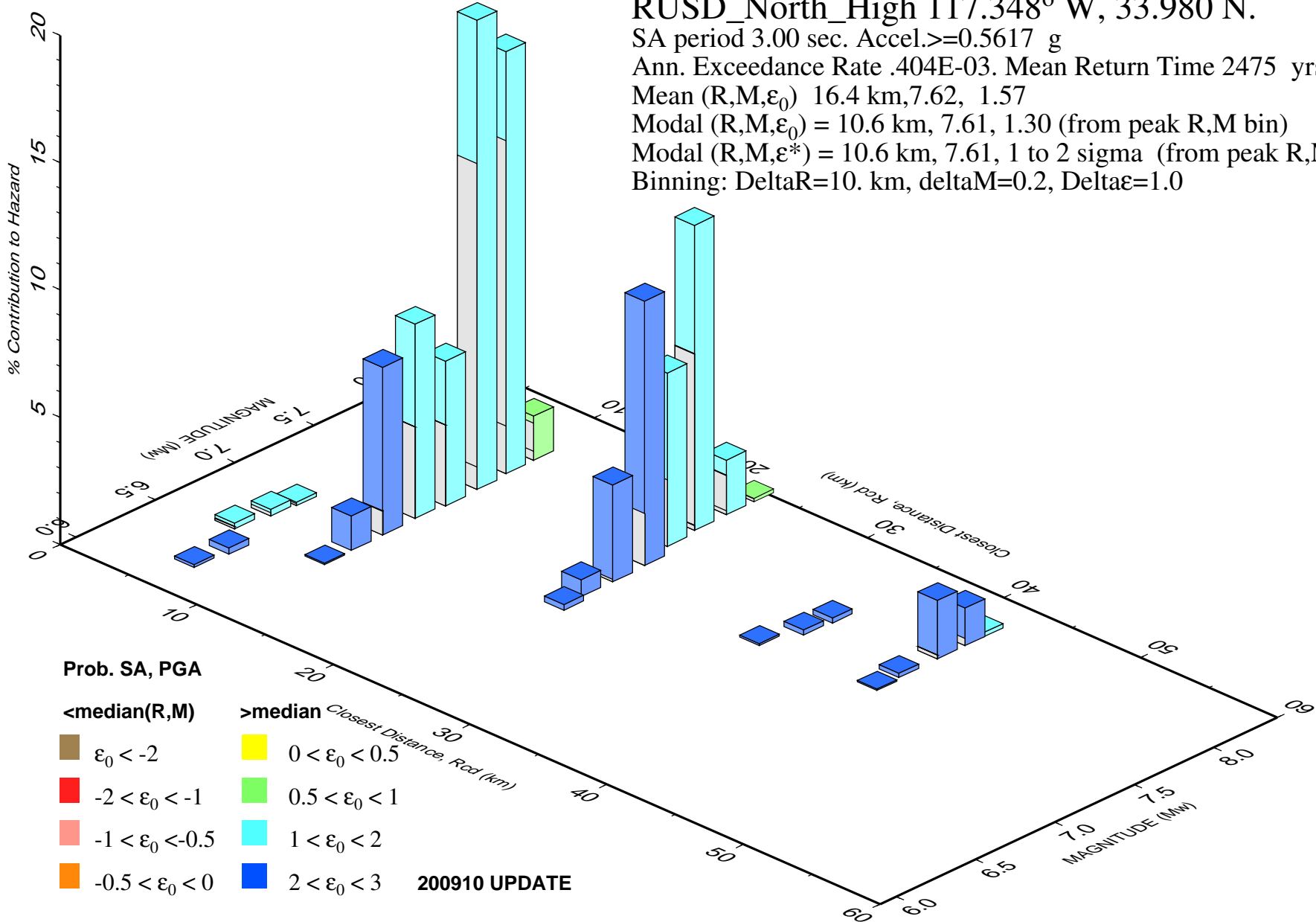
PSH Deaggregation on NEHRP D soil
 RUSD_North_High 117.348° W, 33.980 N.

SA period 2.00 sec. Accel.>=0.8121 g
 Ann. Exceedance Rate .407E-03. Mean Return Time 2475 yrs
 Mean (R,M, ϵ_0) 15.9 km, 7.56, 1.59
 Modal (R,M, ϵ_0) = 10.6 km, 7.61, 1.28 (from peak R,M bin)
 Modal (R,M, ϵ^*) = 10.6 km, 7.61, 1 to 2 sigma (from peak R,M, ϵ bin)
 Binning: DeltaR=10. km, deltaM=0.2, Delta ϵ =1.0



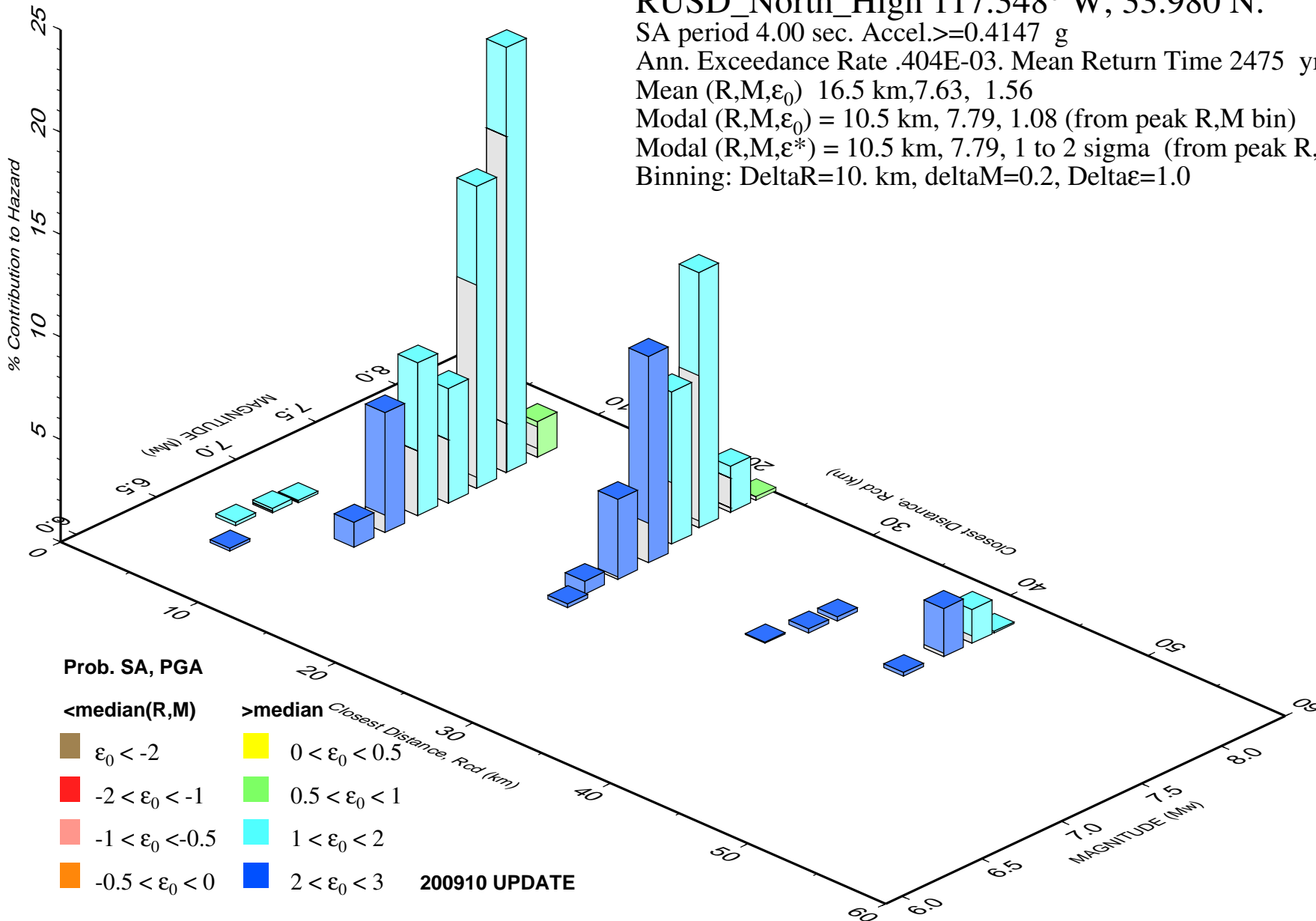
PSH Deaggregation on NEHRP D soil
 RUSD_North_High 117.348° W, 33.980 N.

SA period 3.00 sec. Accel.>=0.5617 g
 Ann. Exceedance Rate .404E-03. Mean Return Time 2475 yrs
 Mean (R,M, ϵ_0) 16.4 km,7.62, 1.57
 Modal (R,M, ϵ_0) = 10.6 km, 7.61, 1.30 (from peak R,M bin)
 Modal (R,M, ϵ^*) = 10.6 km, 7.61, 1 to 2 sigma (from peak R,M, ϵ bin)
 Binning: DeltaR=10. km, deltaM=0.2, Delta ϵ =1.0



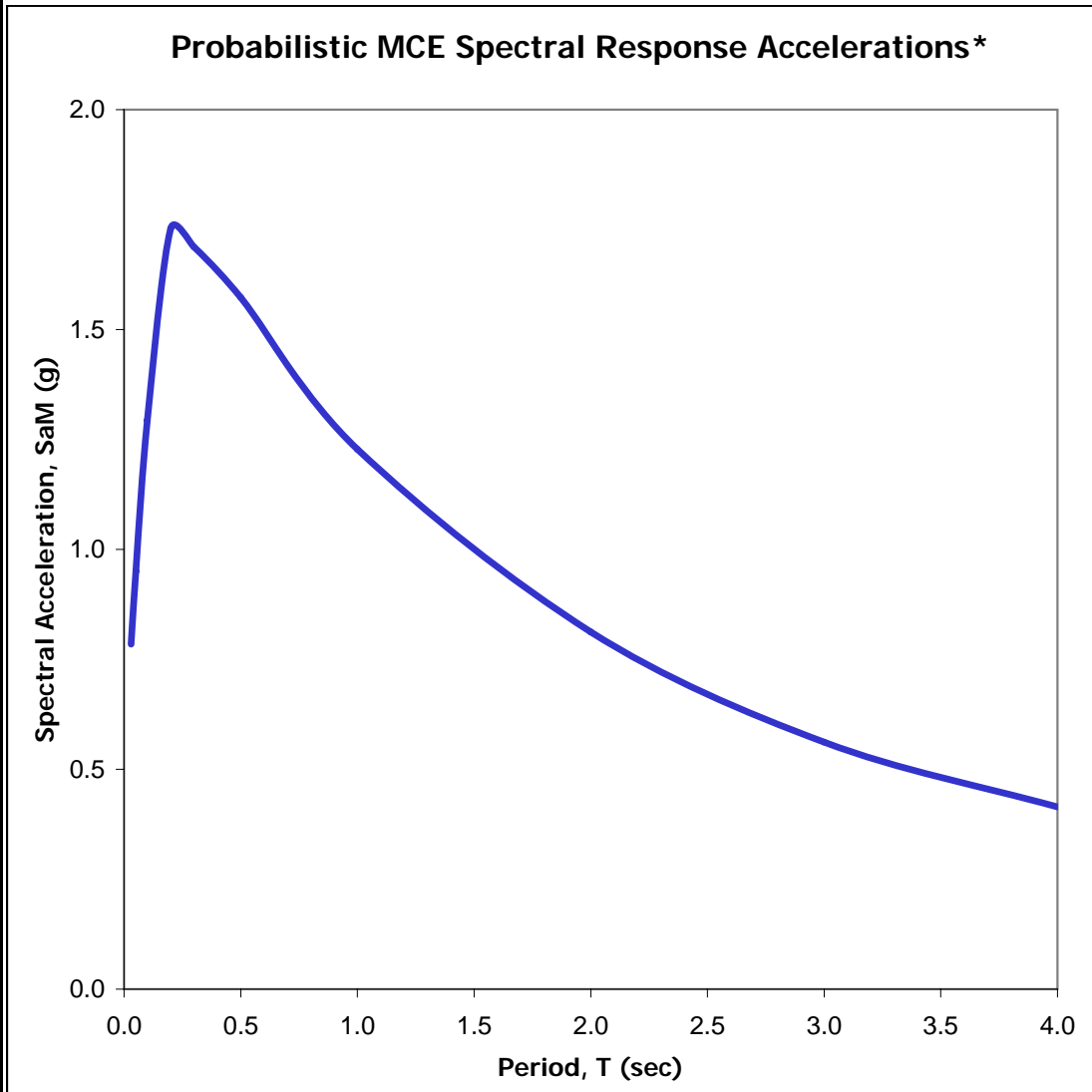
PSH Deaggregation on NEHRP D soil
 RUSD_North_High 117.348° W, 33.980 N.

SA period 4.00 sec. Accel.>=0.4147 g
 Ann. Exceedance Rate .404E-03. Mean Return Time 2475 yrs
 Mean (R,M, ϵ_0) 16.5 km,7.63, 1.56
 Modal (R,M, ϵ_0) = 10.5 km, 7.79, 1.08 (from peak R,M bin)
 Modal (R,M, ϵ^*) = 10.5 km, 7.79, 1 to 2 sigma (from peak R,M, ϵ bin)
 Binning: DeltaR=10. km, deltaM=0.2, Delta ϵ =1.0



PROBABILISTIC MCE RESPONSE SPECTRUM (ASCE 7-05, 21.2.1)

Project Name:	RUSD North High School	Project Manager:	JDH
Project Number:	602879-001	Engineer:	MDH
Location:	1550 Third Street, Riverside, CA, (33.9804°N, 117.3479°W)	Date:	June 29, 2010



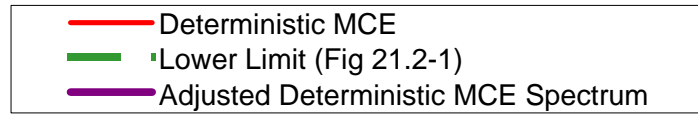
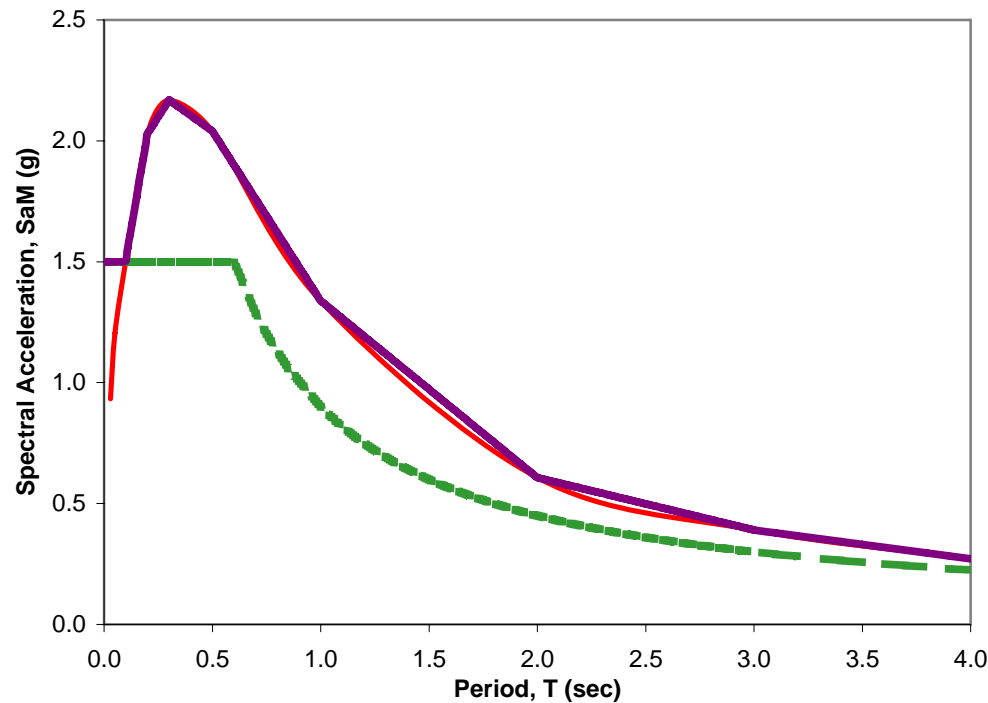
PROBABILISTIC MCE RESPONSE SPECTRUM		
Period T (s)	Probabilistic MCE Spectral Acceleration (USGS) (g)	Maximum Rotated Component S _{aM} (g)
0.03	0.784	0.78
0.05	0.950	0.95
0.10	1.294	1.29
0.20	1.729	1.73
0.30	1.688	1.69
0.50	1.573	1.57
1.00	1.228	1.23
2.00	0.812	0.81
3.00	0.562	0.56
4.00	0.415	0.41

Analysis Information: 5% Damped, Probability of Exceedence is 2% chance in 50 years (Return Period: 2,475 Years)

DETERMINISTIC MCE RESPONSE SPECTRUM (ASCE 7-05, 21.2.2)

Project Name:	RUSD North High School	Project Manager:	JDH
Project Number:	602879-001	Engineer:	MDH
Location:	1550 Third Street, Riverside, CA, (33.9804°N, 117.3479°W)	Date:	June 29, 2010

Deterministic MCE Response Accelerations *



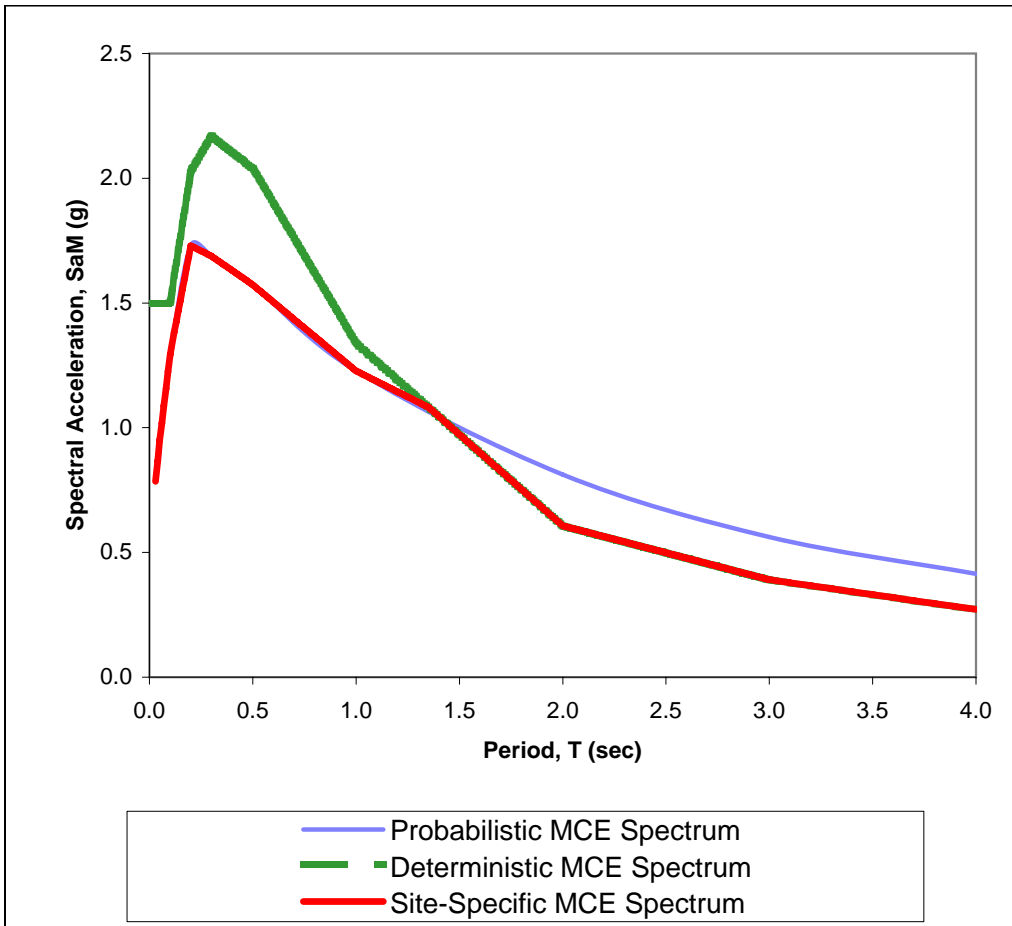
Period T (s)	Deterministic S _{aM} (S _s * 150%) (5% damped) (g)	Lower Limit (g)	Design Deterministic Acceleration S _a (g)
0.03	0.93	1.50	1.50
0.05	1.20	1.50	1.50
0.10	1.50	1.50	1.50
0.20	2.03	1.50	2.03
0.30	2.17	1.50	2.17
0.50	2.04	1.50	2.04
1.00	1.34	0.90	1.34
2.00	0.61	0.45	0.61
3.00	0.39	0.30	0.39
4.00	0.27	0.23	0.27

Lower Limit	CBC 2007 Parameters	
S _{aM} = 1.5F _a or S _{aM} = 0.6F _v /T at each period T.	F _a =	1.00
	F _v =	1.50
	S _s =	1.50
	S ₁ =	0.60

Analysis Information: For the deterministic spectrum, choose higher of [Deterministic SaM] and [Lower Limit] at each period.

SITE-SPECIFIC MCE RESPONSE SPECTRUM (ASCE 7-05, 21.2.3)

Project Name:	RUSD North High School	Project Manager:	JDH
Project Number:	602879-001	Engineer:	MDH
Location:	1550 Third Street, Riverside, CA, (33.9804°N, 117.3479°W)	Date:	June 29, 2010



DETERMINISTIC MCE SPECTRUM (Section 21.2.2)		PROBABILISTIC MCE SPECTRUM (Section 21.2.1)		SITE SPECIFIC MCE SPECTRUM	
Period T (s)	S_{aM} (g)	Period T (s)	S_{aM} (g)	Period T (s)	S_{aM} (g)
0.03	1.50	0.03	0.78	0.03	0.78
0.05	1.50	0.05	0.95	0.05	0.95
0.10	1.50	0.10	1.29	0.10	1.29
0.20	2.03	0.20	1.73	0.20	1.73
0.30	2.17	0.30	1.69	0.30	1.69
0.50	2.04	0.50	1.57	0.50	1.57
1.00	1.34	1.00	1.23	1.00	1.23
2.00	0.61	2.00	0.81	2.00	0.61
3.00	0.39	3.00	0.56	3.00	0.39
4.00	0.27	4.00	0.41	4.00	0.27

Analysis Information

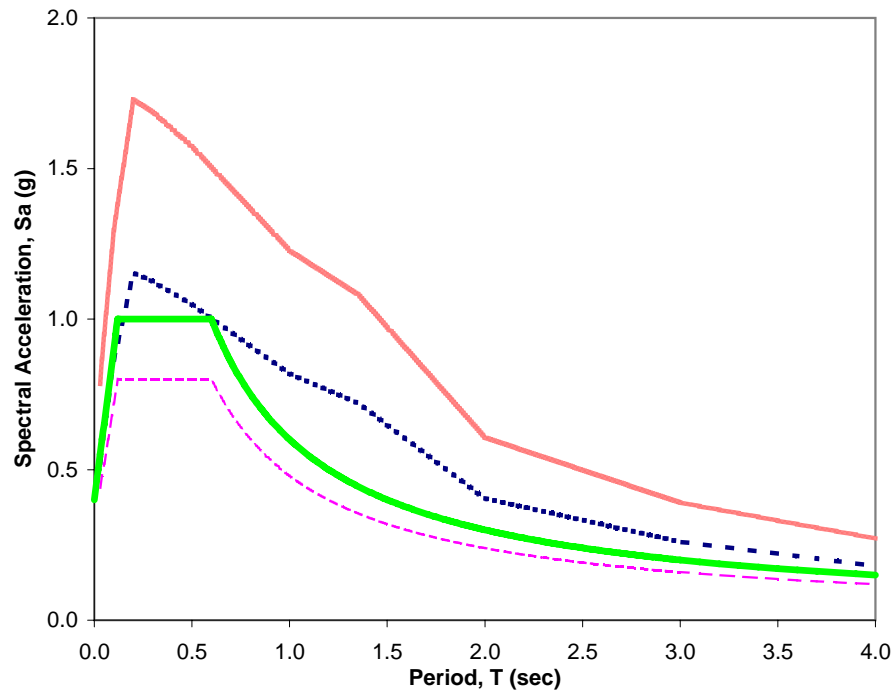
For site-specific MCE response spectrum, choose lower of probabilistic MCE and deterministic MCE values at each period T (ASCE 7-05, 21.2.3).

SITE SPECIFIC CURVE (ASCE 7-05, 21.3)

Project Name: RUSD North High School
Project Number: 602879-001
Location: 1550 Third Street, Riverside, CA, (33.9804°N, 117.3479°W)

Project Manager: JDH
Engineer: MDH
Date: June 29, 2010

**Site Specific Seismic Response Curve
Adjustment for Lower Limit**



PERIOD T (s)	Site Specific MCE S_{aM} (Sec 21.2.3) (g)	Design Site-Specific S_a (=2/3 S_{aM}) (g)	Design Spectral Accel, S_a (Sec 11.4.5) (g)	ASCE 7-05 Lower Limit (g)	Design Response Curve S_a (g)
0.03	0.78	0.52	0.55	0.44	0.52
0.05	0.95	0.63	0.65	0.52	0.63
0.10	1.29	0.86	0.90	0.72	0.86
0.20	1.73	1.15	1.00	0.80	1.15
0.30	1.69	1.13	1.00	0.80	1.13
0.50	1.57	1.05	1.00	0.80	1.05
1.00	1.23	0.82	0.60	0.48	0.82
2.00	0.61	0.40	0.30	0.24	0.40
3.00	0.39	0.26	0.20	0.16	0.26
4.00	0.27	0.18	0.15	0.12	0.18

Analysis Information

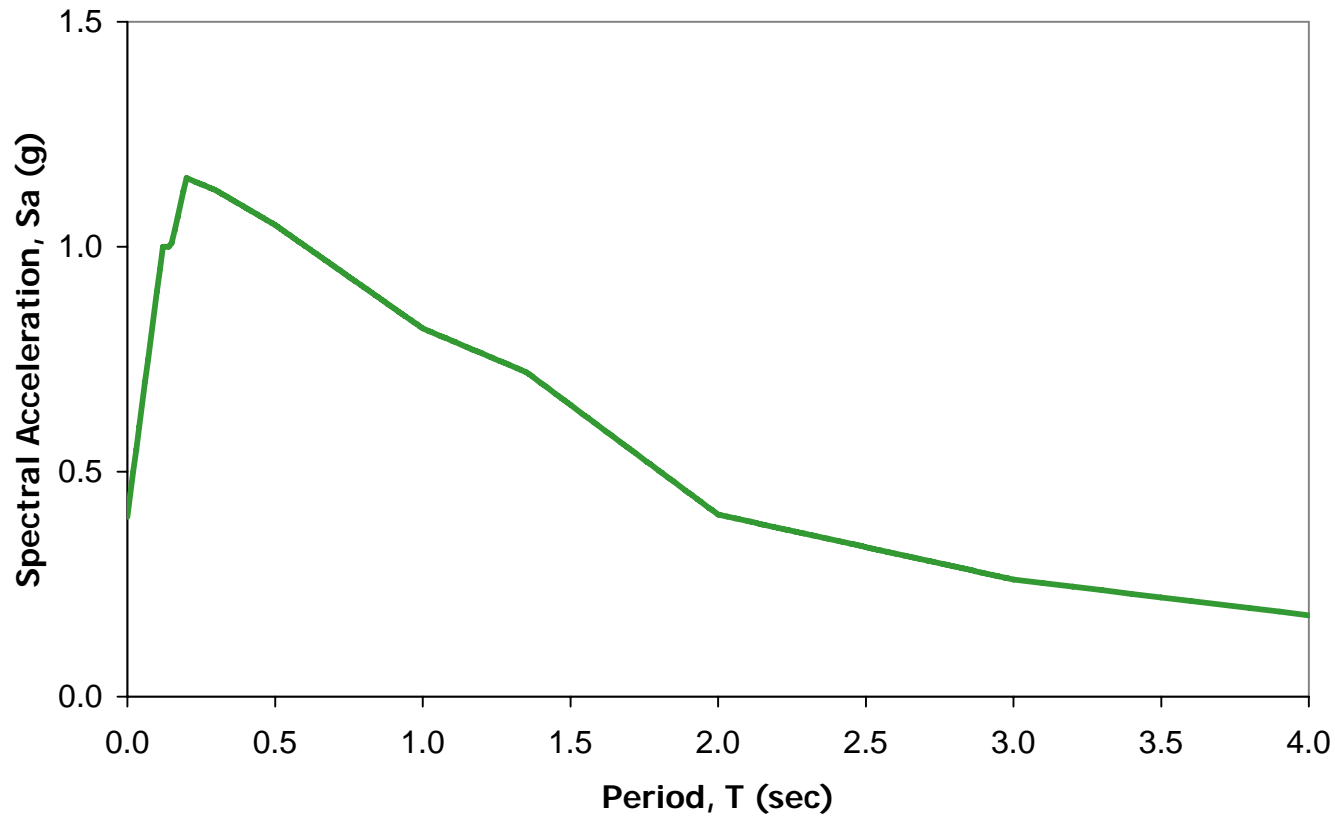
Site-specific spectral accelerations may not fall below 80% of S_a determined in accordance with Section 11.4.5 of ASCE 7-05. Site-specific design spectral response accelerations are 2/3 of site-specific MCE spectral response accelerations.

- Site-Specific MCE
- - - Design Site-Specific Spectrum (2/3 of site-specific MCE)
- ASCE 7 Section 11.4.5 Design Spectrum (not site-specific)
- - - Lower Limit (80% of Section 11.4.5 Design Spectrum)

SITE SPECIFIC SEISMIC RESPONSE ANALYSIS (ASCE 7-05, CH. 21)

Project Name:	RUSD North High School	Project Manager:	JDH
Project Number:	602879-001	Engineer:	MDH
Location:	1550 Third Street, Riverside, CA, (33.9804°N, 117.3479°W)	Date:	June 29, 2010

Final Design Response Curve



SITE SPECIFIC DESIGN SEISMIC RESPONSE

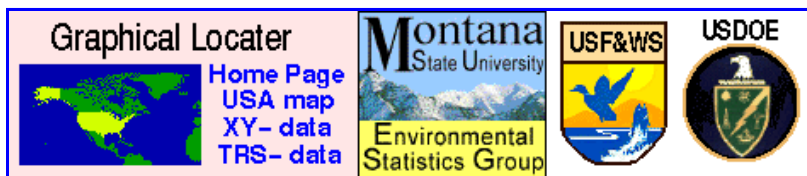
PERIOD T (s)	FINAL DESIGN SPECTRUM Sa* (g)
0.03	0.55
0.05	0.65
0.10	0.90
0.20	1.15
0.30	1.13
0.50	1.05
1.00	0.82
2.00	0.40
3.00	0.26
4.00	0.18

S_{DS}**	1.15
S_{D1}*[‡]	0.82

*Response curve constructed using relationships by Campbell-Bozorgnia (2003), Sadigh (1997), Boore-Joyner-Fumal (1997), Abrahamson-Silva (1997)

** S_{DS} defined as greater of Sa at T = 0.2s and 90% of peak Sa. (ASCE 7-05, 21.4)

* S_{D1} defined as greater of Sa at T = 1s and 2 x Sa at T = 2s. (ASCE 7-05, 21.4)



The selected location is:

Latitude/Longitude 33.9804°N, 117.3479°W (33°, 58', 49.3" N; 117°, 20', 52.3" W)

The legal description is: California, San Bernardino Meridian T2S,R5W,sec24

UTM zone 11 (X,Y) 467868 , 3760032

The elevation is 287 m (941 ft)

The gradient is: 1.8 percent

The aspect direction is: 146.8 degrees or SE

The local roughness is: 1.5 or average

The location as decimal degrees (X,Y;Z) = -117.3479, 33.9804; 287 m

The state and county are California: Riverside County 6065

The HUC is Santa Ana [18070203](#); [Place point in HUC](#)

The Omernik ecoregion is Southern and Central California Plains and Hills (less typical) 6

[The 1:100,000 map \(if available\)](#); [Switch to TerraServer](#)

Zoom on that location with radius = [2 km](#); [5 km](#); [10 km](#); [20 km](#); [30 km](#); [custom](#).

Nearby named places (in order by distance)

1. North High School; California: Riverside Co. [-117.3459, 33.9819](#) at a distance of 253 m
2. Patterson Park; California: Riverside Co. [-117.3515, 33.9786](#) at a distance of 385 m
3. University Heights Junior High School; California: Riverside Co. [-117.3562, 33.9750](#) at a distance of 969 m
4. Longfellow School; California: Riverside Co. [-117.3590, 33.9781](#) at a distance of 1056 m
5. Riverside Junction; California: Riverside Co. [-117.3612, 33.9853](#), (881 ft) at a distance of 1347 m
6. Gage Canal; California: Riverside Co. [-117.3323, 33.9858](#) at a distance of 1563 m
7. Bordwell Park; California: Riverside Co. [-117.3562, 33.9669](#) at a distance of 1676 m
8. Emerson School; California: Riverside Co. [-117.3523, 33.9656](#) at a distance of 1685 m
9. Canyon Crest Heights; California: Riverside Co. [-117.3290, 33.9806](#), (1060 ft) at a distance of 1746 m
10. University Of California Riverside; California: Riverside Co. [-117.3309, 33.9733](#) at a distance of 1753 m

The 7.5 minute series topographic maps for that area

Fontana	San Bernardino South	Redlands
Riverside West	Riverside East	Sunnymead
Lake Mathews	Steele Peak	Perris


This was request number 3423705

dlg@rapid.msu.montana.edu

John North HS



LIQUEFACTION

-  INTERSTATES
-  HIGHWAYS
-  CITY
-  PARCELS
-  Low
-  Moderate

IMPORTANT







Maps and data are to be used for reference purposes only. Map features are approximate, and are not necessarily accurate to surveying or engineering standards. The County of Riverside makes no warranty or guarantee as to the content (the source is often third party), accuracy, timeliness, or completeness of any of the data provided, and assumes no legal responsibility for the information contained on this map. Any use of this product with respect to accuracy and precision shall be the sole responsibility of the user.

REPORT PRINTED ON...Tue Apr 27 09:41:46 2010

John North HS



FLOOD ZONES

-  INTERSTATES
-  HIGHWAYS
-  CITY
-  PARCELS
-  FLOOD PLAIN REVIEW REQUIRED
-  MAYBE SUBJECT TO A FLOOD PLAIN REVIEW

IMPORTANT

Maps and data are to be used for reference purposes only. Map features are approximate, and are not necessarily accurate to surveying or engineering standards. The County of Riverside makes no warranty or guarantee as to the content (the source is often third party), accuracy, timeliness, or completeness of any of the data provided, and assumes no legal responsibility for the information contained on this map. Any use of this product with respect to accuracy and precision shall be the sole responsibility of the user.

REPORT PRINTED ON...Tue Apr 27 09:40:56 2010

APPENDIX E
GENERAL EARTHWORK AND GRADING SPECIFICATIONS

GENERAL EARTHWORK AND GRADING SPECIFICATIONS FOR ROUGH GRADING

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1.0 General

- 1.1 Intent: These General Earthwork and Grading Specifications are for the grading and earthwork shown on the approved grading plan(s) and/or indicated in the geotechnical report(s). These Specifications are a part of the recommendations contained in the geotechnical report(s). In case of conflict, the specific recommendations in the geotechnical report shall supersede these more general Specifications. Observations of the earthwork by the project Geotechnical Consultant during the course of grading may result in new or revised recommendations that could supersede these specifications or the recommendations in the geotechnical report(s).
- 1.2 The Geotechnical Consultant of Record: Prior to commencement of work, the owner shall employ the Geotechnical Consultant of Record (Geotechnical Consultant). The Geotechnical Consultants shall be responsible for reviewing the approved geotechnical report(s) and accepting the adequacy of the preliminary geotechnical findings, conclusions, and recommendations prior to the commencement of the grading.

Prior to commencement of grading, the Geotechnical Consultant shall review the "work plan" prepared by the Earthwork Contractor (Contractor) and schedule sufficient personnel to perform the appropriate level of observation, mapping, and compaction testing.

During the grading and earthwork operations, the Geotechnical Consultant shall observe, map, and document the subsurface exposures to verify the geotechnical design assumptions. If the observed conditions are found to be significantly different than the interpreted assumptions during the design phase, the Geotechnical Consultant shall inform the owner, recommend appropriate changes in design to accommodate the observed conditions, and notify the review agency where required. Subsurface areas to be geotechnically observed, mapped, elevations recorded, and/or tested include natural ground after it has been cleared for receiving fill but before fill is placed, bottoms of all "remedial removal" areas, all key bottoms, and benches made on sloping ground to receive fill.

The Geotechnical Consultant shall observe the moisture-conditioning and processing of the subgrade and fill materials and perform relative compaction testing of fill to determine the attained level of compaction. The Geotechnical Consultant shall provide the test results to the owner and the Contractor on a routine and frequent basis.

- 1.3 The Earthwork Contractor: The Earthwork Contractor (Contractor) shall be qualified, experienced, and knowledgeable in earthwork logistics, preparation and processing of ground to receive fill, moisture-conditioning and processing of fill, and compacting fill. The Contractor shall review and accept the plans, geotechnical report(s), and these Specifications prior to commencement of grading. The

Contractor shall be solely responsible for performing the grading in accordance with the plans and specifications.

The Contractor shall prepare and submit to the owner and the Geotechnical Consultant a work plan that indicates the sequence of earthwork grading, the number of "spreads" of work and the estimated quantities of daily earthwork contemplated for the site prior to commencement of grading. The Contractor shall inform the owner and the Geotechnical Consultant of changes in work schedules and updates to the work plan at least 24 hours in advance of such changes so that appropriate observations and tests can be planned and accomplished. The Contractor shall not assume that the Geotechnical Consultant is aware of all grading operations.

The Contractor shall have the sole responsibility to provide adequate equipment and methods to accomplish the earthwork in accordance with the applicable grading codes and agency ordinances, these Specifications, and the recommendations in the approved geotechnical report(s) and grading plan(s). If, in the opinion of the Geotechnical Consultant, unsatisfactory conditions, such as unsuitable soil, improper moisture condition, inadequate compaction, insufficient buttress key size, adverse weather, etc., are resulting in a quality of work less than required in these specifications, the Geotechnical Consultant shall reject the work and may recommend to the owner that construction be stopped until the conditions are rectified.

2.0 Preparation of Areas to be Filled

- 2.1 Clearing and Grubbing: Vegetation, such as brush, grass, roots, and other deleterious material shall be sufficiently removed and properly disposed of in a method acceptable to the owner, governing agencies, and the Geotechnical Consultant.

The Geotechnical Consultant shall evaluate the extent of these removals depending on specific site conditions. Earth fill material shall not contain more than 1 percent of organic materials (by volume). No fill lift shall contain more than 5 percent of organic matter. Nesting of the organic materials shall not be allowed.

If potentially hazardous materials are encountered, the Contractor shall stop work in the affected area, and a hazardous material specialist shall be informed immediately for proper evaluation and handling of these materials prior to continuing to work in that area.

As presently defined by the State of California, most refined petroleum products (gasoline, diesel fuel, motor oil, grease, coolant, etc.) have chemical constituents that are considered to be hazardous waste. As such, the indiscriminate dumping or spillage of these fluids onto the ground may constitute a misdemeanor, punishable by fines and/or imprisonment, and shall not be allowed.

- 2.2 Processing: Existing ground that has been declared satisfactory for support of fill by the Geotechnical Consultant shall be scarified to a minimum depth of 6 inches. Existing ground that is not satisfactory shall be overexcavated as specified in the following section. Scarification shall continue until soils are broken down and free of large clay lumps or clods and the working surface is reasonably uniform, flat, and free of uneven features that would inhibit uniform compaction.
- 2.3 Overexcavation: In addition to removals and overexcavations recommended in the approved geotechnical report(s) and the grading plan, soft, loose, dry, saturated, spongy, organic-rich, highly fractured or otherwise unsuitable ground shall be overexcavated to competent ground as evaluated by the Geotechnical Consultant during grading.
- 2.4 Benching: Where fills are to be placed on ground with slopes steeper than 5:1 (horizontal to vertical units), the ground shall be stepped or benched. Please see the Standard Details for a graphic illustration. The lowest bench or key shall be a minimum of 15 feet wide and at least 2 feet deep, into competent material as evaluated by the Geotechnical Consultant. Other benches shall be excavated a minimum height of 4 feet into competent material or as otherwise recommended by the Geotechnical Consultant. Fill placed on ground sloping flatter than 5:1 shall also be benched or otherwise overexcavated to provide a flat subgrade for the fill.
- 2.5 Evaluation/Acceptance of Fill Areas: All areas to receive fill, including removal and processed areas, key bottoms, and benches, shall be observed, mapped, elevations recorded, and/or tested prior to being accepted by the Geotechnical Consultant as suitable to receive fill. The Contractor shall obtain a written acceptance from the Geotechnical Consultant prior to fill placement. A licensed surveyor shall provide the survey control for determining elevations of processed areas, keys, and benches.

3.0 Fill Material

- 3.1 General: Material to be used as fill shall be essentially free of organic matter and other deleterious substances evaluated and accepted by the Geotechnical Consultant prior to placement. Soils of poor quality, such as those with unacceptable gradation, high expansion potential, or low strength shall be placed in areas acceptable to the Geotechnical Consultant or mixed with other soils to achieve satisfactory fill material.
- 3.2 Oversize: Oversize material defined as rock, or other irreducible material with a maximum dimension greater than 8 inches, shall not be buried or placed in fill unless location, materials, and placement methods are specifically accepted by the Geotechnical Consultant. Placement operations shall be such that nesting of oversized material does not occur and such that oversize material is completely surrounded by compacted or densified fill. Oversize material shall not be placed within 10 vertical feet of finish grade or within 2 feet of future utilities or underground construction.
- 3.3 Import: If importing of fill material is required for grading, proposed import material shall meet the requirements of Section 3.1. The potential import source shall be given to the Geotechnical Consultant at least 48 hours (2 working days) before importing begins so that its suitability can be determined and appropriate tests performed.

4.0 Fill Placement and Compaction

- 4.1 Fill Layers: Approved fill material shall be placed in areas prepared to receive fill (per Section 3.0) in near-horizontal layers not exceeding 8 inches in loose thickness. The Geotechnical Consultant may accept thicker layers if testing indicates the grading procedures can adequately compact the thicker layers. Each layer shall be spread evenly and mixed thoroughly to attain relative uniformity of material and moisture throughout.
- 4.2 Fill Moisture Conditioning: Fill soils shall be watered, dried back, blended, and/or mixed, as necessary to attain a relatively uniform moisture content at or slightly over optimum. Maximum density and optimum soil moisture content tests shall be performed in accordance with the American Society of Testing and Materials (ASTM Test Method D1557-91).

- 4.3 Compaction of Fill: After each layer has been moisture-conditioned, mixed, and evenly spread, it shall be uniformly compacted to not less than 90 percent of maximum dry density (ASTM Test Method D1557-91). Compaction equipment shall be adequately sized and be either specifically designed for soil compaction or of proven reliability to efficiently achieve the specified level of compaction with uniformity.
- 4.4 Compaction of Fill Slopes: In addition to normal compaction procedures specified above, compaction of slopes shall be accomplished by backrolling of slopes with sheepsfoot rollers at increments of 3 to 4 feet in fill elevation, or by other methods producing satisfactory results acceptable to the Geotechnical Consultant. Upon completion of grading, relative compaction of the fill, out to the slope face, shall be at least 90 percent of maximum density per ASTM Test Method D1557-91.
- 4.5 Compaction Testing: Field tests for moisture content and relative compaction of the fill soils shall be performed by the Geotechnical Consultant. Location and frequency of tests shall be at the Consultant's discretion based on field conditions encountered. Compaction test locations will not necessarily be selected on a random basis. Test locations shall be selected to verify adequacy of compaction levels in areas that are judged to be prone to inadequate compaction (such as close to slope faces and at the fill/bedrock benches).
- 4.6 Frequency of Compaction Testing: Tests shall be taken at intervals not exceeding 2 feet in vertical rise and/or 1,000 cubic yards of compacted fill soils embankment. In addition, as a guideline, at least one test shall be taken on slope faces for each 5,000 square feet of slope face and/or each 10 feet of vertical height of slope. The Contractor shall assure that fill construction is such that the testing schedule can be accomplished by the Geotechnical Consultant. The Contractor shall stop or slow down the earthwork construction if these minimum standards are not met.
- 4.7 Compaction Test Locations: The Geotechnical Consultant shall document the approximate elevation and horizontal coordinates of each test location. The Contractor shall coordinate with the project surveyor to assure that sufficient grade stakes are established so that the Geotechnical Consultant can determine the test locations with sufficient accuracy. At a minimum, two grade stakes within a horizontal distance of 100 feet and vertically less than 5 feet apart from potential test locations shall be provided.

5.0 Subdrain Installation

Subdrain systems shall be installed in accordance with the approved geotechnical report(s), the grading plan, and the Standard Details. The Geotechnical Consultant may recommend additional subdrains and/or changes in subdrain extent, location, grade, or material depending on conditions encountered during grading. All subdrains shall be surveyed by a land surveyor/civil engineer for line and grade after installation and prior to burial. Sufficient time should be allowed by the Contractor for these surveys.

6.0 Excavation

Excavations, as well as over-excavation for remedial purposes, shall be evaluated by the Geotechnical Consultant during grading. Remedial removal depths shown on geotechnical plans are estimates only. The actual extent of removal shall be determined by the Geotechnical Consultant based on the field evaluation of exposed conditions during grading. Where fill-over-cut slopes are to be graded, the cut portion of the slope shall be made, evaluated, and accepted by the Geotechnical Consultant prior to placement of materials for construction of the fill portion of the slope, unless otherwise recommended by the Geotechnical Consultant.

7.0 Trench Backfills

7.1 Safety: The Contractor shall follow all OSHA and Cal/OSHA requirements for safety of trench excavations.

7.2 Bedding and Backfill: All bedding and backfill of utility trenches shall be done in accordance with the applicable provisions of Standard Specifications of Public Works Construction. Bedding material shall have a Sand Equivalent greater than 30 (SE>30). The bedding shall be placed to 1 foot over the top of the conduit and densified by jetting. Backfill shall be placed and densified to a minimum of 90 percent of maximum from 1 foot above the top of the conduit to the surface.

The Geotechnical Consultant shall test the trench backfill for relative compaction. At least one test should be made for every 300 feet of trench and 2 feet of fill.

7.3 Lift Thickness: Lift thickness of trench backfill shall not exceed those allowed in the Standard Specifications of Public Works Construction unless the Contractor can demonstrate to the Geotechnical Consultant that the fill lift can be compacted to the minimum relative compaction by his alternative equipment and method.

7.4 Observation and Testing: The jetting of the bedding around the conduits shall be observed by the Geotechnical Consultant.

Appendix D.
EDR Radius Map



Appendix

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North High School
 1550 Third Street
 Riverside, CA 92507

Inquiry Number: 2828680.4s
 July 29, 2010

The EDR Radius Map™ Report with GeoCheck®

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Thank you for your business.
 Please contact EDR at 1-800-352-0050
 with any questions or comments.

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446 Wheelers Farms Road
 Middletown, CT 06457
 Toll Free: 800.352.0050
 www.edrnet.com

 Environmental Data Resources Inc

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05), or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS
 1550 THIRD STREET
 RIVERSIDE, CA 92507

COORDINATES

Latitude (North): 33.981400 - 33° 58' 53.0"
 Longitude (West): 117.347200 - 117° 20' 49.9"
 Universal Transverse Mercator: Zone 11
 UTM X (Meters): 467929.1
 UTM Y (Meters): 3759953.5
 Elevation: 955 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 33117-H3 RIVERSIDE EAST, CA
 Most Recent Revision: 1980

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 7 of the attached EDR Radius Map report:

Site	Databases(s)	EPA ID
NORTH HIGH SCHOOL 1550 W. THIRD SCHOOL RIVERSIDE, CA 92507	RCRA-LQG	CAL000110051
NORTH (JOHN W.) HIGH 1550 THIRD ST. RIVERSIDE, CA 92507	FINDS	N/A
RUSD - NORTH HIGH SCHOOL 1550 3RD ST RIVERSIDE, CA 92507	HAZNET	N/A
NORTH HIGH SCHOOL 1550 THIRD STREET RIVERSIDE, CA 92507	HAZNET EMI	N/A
1550 3RD STREET NORTH HIGH SCHOOL 1550 3RD STREET NORTH HIGH SCHOOL RIVERSIDE, CA	CHMIRS	N/A

EXECUTIVE SUMMARY

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List
 Proposed NPL..... Proposed National Priority List Sites
 NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
 US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Solid Waste Information System

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

AST..... Aboveground Petroleum Storage Tank Facilities

EXECUTIVE SUMMARY

INDIAN UST..... Underground Storage Tanks on Indian Land
FEMA UST..... Underground Storage Tank Listing

State and tribal voluntary cleanup sites
INDIAN VCP..... Voluntary Cleanup Priority Listing
VCP..... Voluntary Cleanup Program Properties

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists
US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
ODI..... Open Dump Inventory
WALDSSWAT..... Waste Management Unit Database
HAULERS..... Registered Waste Tire Haulers Listing
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs
SCH..... School Property Evaluation Program
Toxic Pits..... Toxic Pits Cleanup Act Sites
CDL..... Clandestine Drug Labs
US HIST CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information
LUCIS..... Land Use Control Information System
LIENS..... Environmental Liens Listing
DEED..... Deed Restriction Listing

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
LDS..... Land Disposal Sites Listing
MCS..... Military Cleanup Sites Listing

Other Ascertainable Records

RCRA-NonGen..... RCRA - Non Generators
DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites
MINES..... Mines Master Index File
TRIS..... Toxic Chemical Release Inventory System

EXECUTIVE SUMMARY

TSCA..... Toxic Substances Control Act
FIFRA/TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FIFRA/TSCA Tracking System Administrative Case Listing
HIST FTTS..... Section 7 Tracking Systems
SSTS..... Integrated Compliance Information System
ICIS..... PCB Activity Database System
PADS..... Material Licensing Tracking System
MLTS..... Radiation Information Database
RADINFO..... RCRA Administrative Action Tracking System
RAATS..... Waste Discharge System
CA WDS..... NPDES Permits Listing
NPDES..... "Corruse" Hazardous Waste & Substances Sites List
CORSE..... Cleaner Facilities
DRYCLEANERS..... Well Investigation Program Case List
WIP..... Indian Reservations
INDIAN RESERV..... State Coalition for Remediation of Drycleaners Listing
SCRD DRYCLEANERS..... Financial Assurance Information Listing
FINANCIAL ASSURANCE..... Registered Hazardous Waste Transporter Database
HWT..... Coal Combustion Residues Surface Impoundments List
COAL ASH EPA..... PCB Transformer Registration Database
PCB TRANSFORMER..... Steam-Electric Plan Operation Data
MWMIP..... Medical Waste Management Program Listing
PROC..... Certified Processors Database

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants
EDR Historical Cleaners..... EDR Proprietary Historic Dry Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in **bold italics** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS list

EXECUTIVE SUMMARY

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 01/29/2010 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
DEVOE COATINGS	2625 DURAHART ST	NW 1/4 - 1/2 (0.384 mi.)	P82	129

Federal CERCLIS NFRAP site List

CERC-NFRAP: Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

A review of the CERC-NFRAP list, as provided by EDR, and dated 06/23/2009 has revealed that there is 1 CERC-NFRAP site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ALL WOODS LAMINATING & MILLING	1850 MASS AVE, BLDG C	NW 1/4 - 1/2 (0.336 mi.)	73	119

Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 03/25/2010 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNIVERSITY OF CA RIVERSIDE	RIVERSIDE CAMPUS	ESE 1/2 - 1 (0.794 mi.)	97	156

Federal RCRA generators list

RCRA-LOG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity

EXECUTIVE SUMMARY

generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LOG list, as provided by EDR, and dated 02/17/2010 has revealed that there are 2 RCRA-LOG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SHERWIN WILLIAMS COMPANY NO 43	1560 W LINDEN ST	S 0 - 1/8 (0.002 mi.)	C14	26
WEST COAST PAINTING	1611 7TH ST	S 0 - 1/8 (0.085 mi.)	G30	46

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 02/17/2010 has revealed that there are 16 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ELECTROCOAT	1525 3RD ST STE G	0 - 1/8 (0.000 mi.)	B11	19
RIVERSIDE COUNTY LINDEN CLINIC	1520 LINDEN ST	S 0 - 1/8 (0.001 mi.)	C12	21
FMC TECHNOLOGIES INC	1540 LINDEN STREET	S 0 - 1/8 (0.002 mi.)	C13	23
EMERALD MOLD	1473 LINDEN ST UNIT J	E 0 - 1/8 (0.030 mi.)	17	32
ENVIRONMENTAL METALS CORP	1521 7TH ST	S 0 - 1/8 (0.083 mi.)	H27	42
THEYMOCLAD CO THE	1541 7TH ST	S 0 - 1/8 (0.083 mi.)	H29	45
JOYTECH INTERNATIONAL INC	3421 GATO CT	E 0 - 1/8 (0.114 mi.)	38	60
TEXACO SERVICE STATION 120893	1300 BLAINE ST	E 1/8 - 1/4 (0.249 mi.)	M64	103

Lower Elevation	Address	Direction / Distance	Map ID	Page
MASTER PRINTING	3369 CHICAGO AVE	W 0 - 1/8 (0.004 mi.)	15	29
MB PRINT AND SILKSCREENING CO	3215 CHICAGO AVE STE A	N 0 - 1/8 (0.058 mi.)	E20	35
BAXTER HEALTHCARE CORP	3333 DURAHART ST	W 0 - 1/8 (0.081 mi.)	F26	41
TRM COPY CENTER	3464 DURAHART ST	W 0 - 1/8 (0.088 mi.)	31	48
BREAKER TECH LTD	1781 3RD ST	W 0 - 1/8 (0.092 mi.)	32	51
INTERSTATE BRAND	2127 CHICAGO AVE	N 0 - 1/8 (0.122 mi.)	F36	58
CADDOCK ELECTRONICS, INC	1825 THRD STREET	W 1/8 - 1/4 (0.188 mi.)	I39	62
RIVERSIDE TRANSIT AGENCY			K53	76

State- and tribal - equivalent NPL

RESPONSE: Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

A review of the RESPONSE list, as provided by EDR, and dated 06/16/2010 has revealed that there is 1 RESPONSE site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNIVERSITY OF CALIFORNIA - RIV	1060 PENNSYLVANIA AVENUE SSE 1/2 - 1 (0.849 mi.)		100	185

EXECUTIVE SUMMARY

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 06/16/2010 has revealed that there are 10 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ThermoClad Company Status: Inactive - Needs Evaluation	1541 7TH ST	S 0 - 1/8 (0.083 mi.)	H28	44
VALERION CORPORATION Status: Refer: Other Agency	2280 IOWA	NNE 1/2 - 1 (0.584 mi.)	94	153
UNIVERSITY OF CA RIVERSIDE Status: * Inactive	RIVERSIDE CAMPUS	ESE 1/2 - 1 (0.794 mi.)	97	156
UNIVERSITY OF CALIFORNIA - RV Status: Certified	1060 PENNSYLVANIA AVENUE	SSE 1/2 - 1 (0.843 mi.)	100	185
Lower Elevation	Address	Direction / Distance	Map ID	Page
CALIFORNIA SPRAY CHEMICAL COMP Status: Inactive - Needs Evaluation	3530 CHICAGO AV	S 0 - 1/8 (0.032 mi.)	D18	34
EASTSIDE ELEMENTARY SCHOOL Status: Inactive - Needs Evaluation	UNIVERSITY AVENUE	OTW 1/4 - 1/2 (0.365 mi.)	76	122
DEVOE MARINE COATINGS Status: Refer: Other Agency	2625 DURAHART STREET	NNW 1/4 - 1/2 (0.384 mi.)	P81	128
ALCAN, INC. Status: Inactive - Needs Evaluation	3016 KANSAS AV	WNW 1/2 - 1 (0.533 mi.)	93	152
WESTERN FARM SERVICE Status: Inactive - Needs Evaluation	2622 3RD ST	W 1/2 - 1 (0.806 mi.)	T98	184
WELAND & COMPANY Status: Inactive - Needs Evaluation	3491 COMMERCE	W 1/2 - 1 (0.958 mi.)	101	201

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 06/22/2010 has revealed that there are 35

EXECUTIVE SUMMARY

LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
THIRD ST ARCO ARCO #1841 Status: Completed - Case Closed	1505 THIRD ST 1505 3RD ST	0 - 1/8 (0.000 mi.) 0 - 1/8 (0.000 mi.)	B6 B10	13 17
76 STATION #5866 76 STATION 5866 Status: Open - Site Assessment	1395 BLAINE 1395 BLAINE STREET	E 1/8 - 1/4 (0.126 mi.) E 1/8 - 1/4 (0.130 mi.)	J41 J47	68 72
MOBIL #18-D9M Status: Completed - Case Closed	1360 BLAINE ST	E 1/8 - 1/4 (0.178 mi.)	J50	74
MOBIL #18-D9M BUY RTE Status: Open - Remediation	1360 BLAINE ST 3750 CHICAGO AVENUE	E 1/8 - 1/4 (0.178 mi.) S 1/8 - 1/4 (0.218 mi.)	J52 L56	78 96
BUY RTE #203 TEXACO BLAINE TEXACO SERVICE STATION 120593 Status: Completed - Case Closed	3750 CHICAGO AVE 1300 BLAINE ST 1300 BLAINE ST	S 1/8 - 1/4 (0.218 mi.) E 1/8 - 1/4 (0.237 mi.) E 1/8 - 1/4 (0.249 mi.)	L57 M59 M64	98 99 103
EXXON SERVICE STATION #2899 Status: Completed - Case Closed	1300 BLAINE ST	E 1/8 - 1/4 (0.249 mi.)	M65	108
SHELL IOWA AVENUE Status: Completed - Case Closed	3261 IOWA AVENUE	E 1/4 - 1/2 (0.252 mi.)	N67	110
BLAINE SHELL Status: Completed - Case Closed	3261 IOWA AVE	E 1/4 - 1/2 (0.252 mi.)	N69	114
SHELL BLAINE UNOCAL #3779 EXXON SERVICE STATION #3645 Status: Completed - Case Closed	3261 IOWA AVE 1490 UNIVERSITY AVE 1295 UNIVERSITY AVE	E 1/4 - 1/2 (0.252 mi.) S 1/4 - 1/2 (0.258 mi.) SE 1/4 - 1/2 (0.363 mi.)	N70 71 O74	116 117 120
THRIFTY OIL #344/ ARCO #9714 Status: Open - Remediation	1294 UNIVERSITY AVE	SE 1/4 - 1/2 (0.370 mi.)	O78	126
THRIFTY OIL #344/ ARCO #9714 TEXACO SERVICE STATION Status: Completed - Case Closed	1294 UNIVERSITY AVE 1221 UNIVERSITY AVE	SE 1/4 - 1/2 (0.370 mi.) SE 1/4 - 1/2 (0.423 mi.)	O79 Q85	127 140
TEXACO MOBIL #18-402 Status: Open - Verification Monitoring	1221 UNIVERSITY AVE 1147 UNIVERSITY AVE	SE 1/4 - 1/2 (0.423 mi.) ESE 1/4 - 1/2 (0.494 mi.)	Q86 S91	143 147
MOBIL #18-402	1147 UNIVERSITY AVE	ESE 1/4 - 1/2 (0.494 mi.)	S92	151
Lower Elevation	Address	Direction / Distance	Map ID	Page
MERIT OIL CO MERIT OIL COMPANY Status: Completed - Case Closed	1751 THIRD ST 1751 3RD ST	W 0 - 1/8 (0.063 mi.) W 0 - 1/8 (0.063 mi.)	F21 F23	36 38
CONTINENTAL BAKING COMPANY Status: Completed - Case Closed	1781 3RD ST	W 0 - 1/8 (0.113 mi.)	F33	54
CONTINENTAL BAKING CO HOTTES/INTERSTATE BRANDS CORP Status: Completed - Case Closed	1781 THIRD ST 1781 3RD ST	W 0 - 1/8 (0.113 mi.) W 0 - 1/8 (0.113 mi.)	F34 F35	55 56
INTERSTATE BRANDS CORP (HOSTES) RIVERSIDE TRANSIT AGENCY Status: Completed - Case Closed	1781 THIRD ST 1825 THIRD STREET	W 0 - 1/8 (0.113 mi.) W 1/8 - 1/4 (0.189 mi.)	F37 K53	60 78

*Additional key fields are available in the Map Findings section

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
RIVERSIDE TRANSIT AGENCY	1825 THIRD ST	W 1/8 - 1/4 (0.189 mi.)	K54	90
DEVOE MARINE	2625 DURAHART ST	NNW 1/4 - 1/2 (0.384 mi.)	P80	128
DEVOE COATINGS	2625 DURAHART ST	NNW 1/4 - 1/2 (0.384 mi.)	P82	129
LAUS INVESTMENT COMPANY	2620 DURAHART ST	NNW 1/4 - 1/2 (0.386 mi.)	P83	138
Status: Completed - Case Closed				
J D DIFFENBAUGH	2375 CHICAGO AVE	N 1/4 - 1/2 (0.467 mi.)	R89	145
DIFFENBAUGH, J.D.	2375 CHICAGO AVE	N 1/4 - 1/2 (0.467 mi.)	R90	145
Status: Completed - Case Closed				

SLIC: SLIC Region comes from the California Regional Water Quality Control Board.

A review of the SLIC list, as provided by EDR, and dated 06/22/2010 has revealed that there are 3 SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNOCAL #3779	1490 UNIVERSITY AVE	S 1/4 - 1/2 (0.258 mi.)	71	117
Facility Status: Completed - Case Closed				
Lower Elevation	Address	Direction / Distance	Map ID	Page
MC SP/INC	3035 CHICAGO AVE	N 1/8 - 1/4 (0.172 mi.)	I48	73
Facility Status: Completed - Case Closed				
LUXFER GAS CYLINDERS	1995 THIRD STREET	W 1/4 - 1/2 (0.428 mi.)	87	143
Facility Status: Open - Verification Monitoring				

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 06/22/2010 has revealed that there are 9 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ARCO #1841	1505 3RD ST	0 - 1/8 (0.000 mi.)	B10	17
TOSCO CORPORATION S#H 31001	1395 BLAINE ST	E 1/8 - 1/4 (0.130 mi.)	J44	71
BLAINE 76	1395 W BLAINE ST	E 1/8 - 1/4 (0.130 mi.)	J46	72
RIVERSIDE ULTRAMAR	1360 W BLAINE ST	E 1/8 - 1/4 (0.178 mi.)	J49	74
RIVERSIDE ULTRAMAR	1360 W BLAINE ST	E 1/8 - 1/4 (0.178 mi.)	J51	78
BUY RITE #203	3750 CHICAGO AVE	S 1/8 - 1/4 (0.218 mi.)	L55	95
TEXACO STATION	1300 BLAINE ST	E 1/8 - 1/4 (0.249 mi.)	M61	100
Lower Elevation	Address	Direction / Distance	Map ID	Page
MERIT OIL COMPANY	1751 3RD ST	W 0 - 1/8 (0.063 mi.)	F23	38
RIVERSIDE TRANSIT AGENCY	1825 THIRD STREET	W 1/8 - 1/4 (0.189 mi.)	K53	78

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: A listing of recycling facilities in California.

A review of the SWRCY list, as provided by EDR, and dated 06/24/2010 has revealed that there are 2 SWRCY sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TOMRA PACIFIC INC	2995 IOWA AVE	NE 1/4 - 1/2 (0.315 mi.)	72	118
FOOD 4 LESS #4329	3900 CHICAGO AVE	S 1/4 - 1/2 (0.463 mi.)	88	144

Local Lists of Hazardous waste / Contaminated Sites

HIST Cal-Sites: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

A review of the HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there is 1 HIST Cal-Sites site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNIVERSITY OF CALIFORNIA - RV	1060 PENNSYLVANIA AVENUE SSE	1/2 - 1 (0.843 mi.)	100	185

Local Lists of Registered Storage Tanks

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 12 CA FID UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ARCO #1841	1505 THIRD ST	0 - 1/8 (0.000 mi.)	B9	16
RIVERSIDE CITY FIRE STAT #4	3910 CRANFORD AVE	SSE 0 - 1/8 (0.017 mi.)	C16	32
MITCHELL GLASS	3989 PRESLEY AVE	S 0 - 1/8 (0.060 mi.)	G25	40
MOBIL #16-D9M	1388 BLAINE ST	E 1/8 - 1/4 (0.130 mi.)	J43	69
BUY RITE #203	1360 BLAINE ST	E 1/8 - 1/4 (0.178 mi.)	J50	74
TEXACO SERVICE STATION	3750 CHICAGO AVE	S 1/8 - 1/4 (0.218 mi.)	L57	98
	1300 BLAINE ST	E 1/8 - 1/4 (0.249 mi.)	M62	102
Lower Elevation	Address	Direction / Distance	Map ID	Page
AMENDT OIL COMPANY	1751 THIRD ST	W 0 - 1/8 (0.063 mi.)	F22	37
CONTINENTAL BAKING CO	3127 THIRD ST	W 0 - 1/8 (0.113 mi.)	F34	55
CADDOCK ELECTRONICS INC	3027 CHICAGO AVE	N 0 - 1/8 (0.122 mi.)	I40	65
MC SP/INC	3035 CHICAGO AVE	N 1/8 - 1/4 (0.172 mi.)	I48	73
RIVERSIDE TRANSIT AGENCY	1825 THIRD ST	W 1/8 - 1/4 (0.189 mi.)	K54	90

EXECUTIVE SUMMARY

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 8 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
	1505 3RD ST	0 - 1/8 (0.000 mi.)	B8	14
	PAUL J ADCOCK UNION OIL SERVICE STATION #585	E 1/8 - 1/4 (0.130 mi.)	J42	69
	STATION #5856	E 1/8 - 1/4 (0.130 mi.)	J45	71
	CHARGER #4	S 1/8 - 1/4 (0.218 mi.)	L58	98
	DAVID NEWMAN	E 1/8 - 1/4 (0.239 mi.)	M60	99
	EXON SERVICE STATION	E 1/8 - 1/4 (0.249 mi.)	M63	102
	EXXON R/S #7-2899	E 1/8 - 1/4 (0.249 mi.)	M66	109
Lower Elevation	Address	Direction / Distance	Map ID	Page
	EDWARD S. BABCOCK & SONS, INC.	N 0 - 1/8 (0.058 mi.)	E19	35

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 12 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
	1505 THIRD ST	0 - 1/8 (0.000 mi.)	B9	16
	ARCO #1841 RIVERSIDE CITY FIRE STAT #4	SSE 0 - 1/8 (0.017 mi.)	C16	32
	MITCHELL GLASS	S 0 - 1/8 (0.080 mi.)	G25	40
	UNOCAL SS #5856	E 1/8 - 1/4 (0.130 mi.)	J43	69
	MOBIL #18-D9M	E 1/8 - 1/4 (0.178 mi.)	J50	74
	BUY RITE #203	S 1/8 - 1/4 (0.218 mi.)	L55	95
	TEXACO STATION	E 1/8 - 1/4 (0.249 mi.)	M61	100
Lower Elevation	Address	Direction / Distance	Map ID	Page
	AMENDT OIL COMPANY	W 0 - 1/8 (0.063 mi.)	F22	37
	CONTINENTAL BAKING CO	W 0 - 1/8 (0.113 mi.)	F34	55
	CADDOCK ELECTRONICS INC	N 0 - 1/8 (0.122 mi.)	I40	65
	MC SPI INC	N 1/8 - 1/4 (0.172 mi.)	I48	73
	RIVERSIDE TRANSIT AGENCY	W 1/8 - 1/4 (0.189 mi.)	K54	90

Other Ascertainable Records

CA BOND EXP. PLAN: Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

A review of the CA BOND EXP. PLAN list, as provided by EDR, and dated 01/01/1989 has revealed that there is 1 CA BOND EXP. PLAN site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
	UNIVERSITY OF CALIFORNIA - RIV	1060 PENNSYLVANIA AVENUE SSE 1/2 - 1 (0.843 mi.)	100	185

EXECUTIVE SUMMARY

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board (LUSTI), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (CAL/SITES).

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 10 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
	ARCO #1841	0 - 1/8 (0.000 mi.)	B9	16
	MOBIL #18-D9M	E 1/8 - 1/4 (0.178 mi.)	J50	74
	SHELL	E 1/4 - 1/2 (0.252 mi.)	N68	112
	TEXACO REFINING AND MARKETING	SE 1/4 - 1/2 (0.363 mi.)	O75	121
	ARCO PRODUCTS COMPANY #6714	SE 1/4 - 1/2 (0.370 mi.)	O77	124
	TEXACO SERVICE STATION	SE 1/4 - 1/2 (0.423 mi.)	Q85	140
	MOBIL #18-402	ESE 1/4 - 1/2 (0.494 mi.)	S91	147
Lower Elevation	Address	Direction / Distance	Map ID	Page
	AMENDT OIL COMPANY	W 0 - 1/8 (0.063 mi.)	F22	37
	CONTINENTAL BAKING CO	W 0 - 1/8 (0.113 mi.)	F34	55
	RIVERSIDE TRANSIT AGENCY	W 1/8 - 1/4 (0.189 mi.)	K54	90

Notify 65: Notify 65 records contain facility notifications about any release that could impact drinking water and thereby expose the public to a potential health risk. The data come from the State Water Resources Control Board's Proposition 65 database.

A review of the Notify 65 list, as provided by EDR, and dated 10/21/1993 has revealed that there are 6 Notify 65 sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
	ARCO STATION #1841	0 - 1/8 (0.000 mi.)	B7	14
Lower Elevation	Address	Direction / Distance	Map ID	Page
	HOSTESS/INTERSTATE BRANDS CORP	W 0 - 1/8 (0.113 mi.)	F35	56
	J.D. DIFFENBRUGH	N 1/4 - 1/2 (0.407 mi.)	84	139
	LEWIS, A.M.	WNW 1/2 - 1 (0.590 mi.)	95	154
	HARRIS FENCE COMPANY	MNW 1/2 - 1 (0.705 mi.)	96	154
	SINGLETARY, KING	W 1/2 - 1 (0.828 mi.)	T99	185

HWP: Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStar.

A review of the HWP list, as provided by EDR, and dated 05/11/2010 has revealed that there is 1 HWP site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
	UNIVERSITY OF CA RIVERSIDE	RIVERSIDE CAMPUS ESE 1/2 - 1 (0.794 mi.)	97	166

EXECUTIVE SUMMARY

EDR PROPRIETARY RECORDS

EDR Proprietary Records

EDR Historical Auto Stations: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

A review of the EDR Historical Auto Stations list, as provided by EDR, has revealed that there is 1 EDR Historical Auto Stations site within approximately 0.25 miles of the target property.

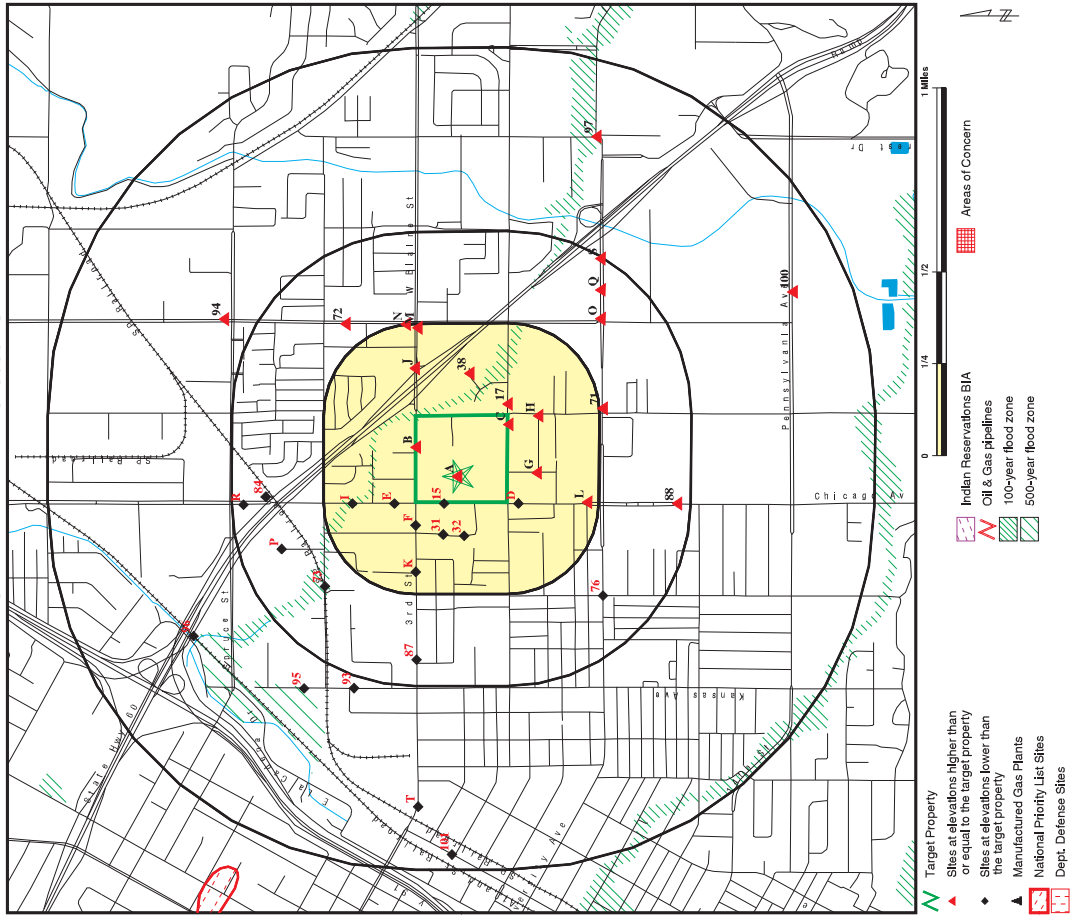
Lower Elevation	Address	Direction / Distance	Map ID	Page
CHICAGO BODY WORKS	3580 CHICAGO AVE	S 0 - 1/8 (0.073 mi.)	D24	40

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
JURUPA UNIFIED SCHOOL DIS	HIST CORTESE
ECONO LUBE N' TUNE	CA FID UST, SWEEPS UST
CAMP HAAN RIFLE RANGE	Cortese, RESPONSE, ENVIROSTOR
NEAR RIVERSIDE	CERCLIS, FINDS
SMITH PROPERTY	LUST
SMITH PROPERTY	LUST
STEARNS DOWNTOWN LIQUOR	LUST
UCR - PARKING LOT 6	LUST
BLYTHE AIRPORT	LUST
EDGE MONT SHELL	HIST UST
10171 MISSION BOULEVARD HWY	RCRA-LOG, FINDS, HAZNET
OFF HWY	RCRA-SQG, FINDS
MAGNOLIA, JUST NORTH OF MERRIL	ERNS
PATRICIA BEATTY ELEMENTARY SCHOOL	FINDS
3RD AND COMMERCE STREETS (RCCTC)	US BROWNFIELDS
PROPOSED CITRUS HERITAGE MIDDLE SC	SCH, ENVIROSTOR

OVERVIEW MAP - 2828680.4s

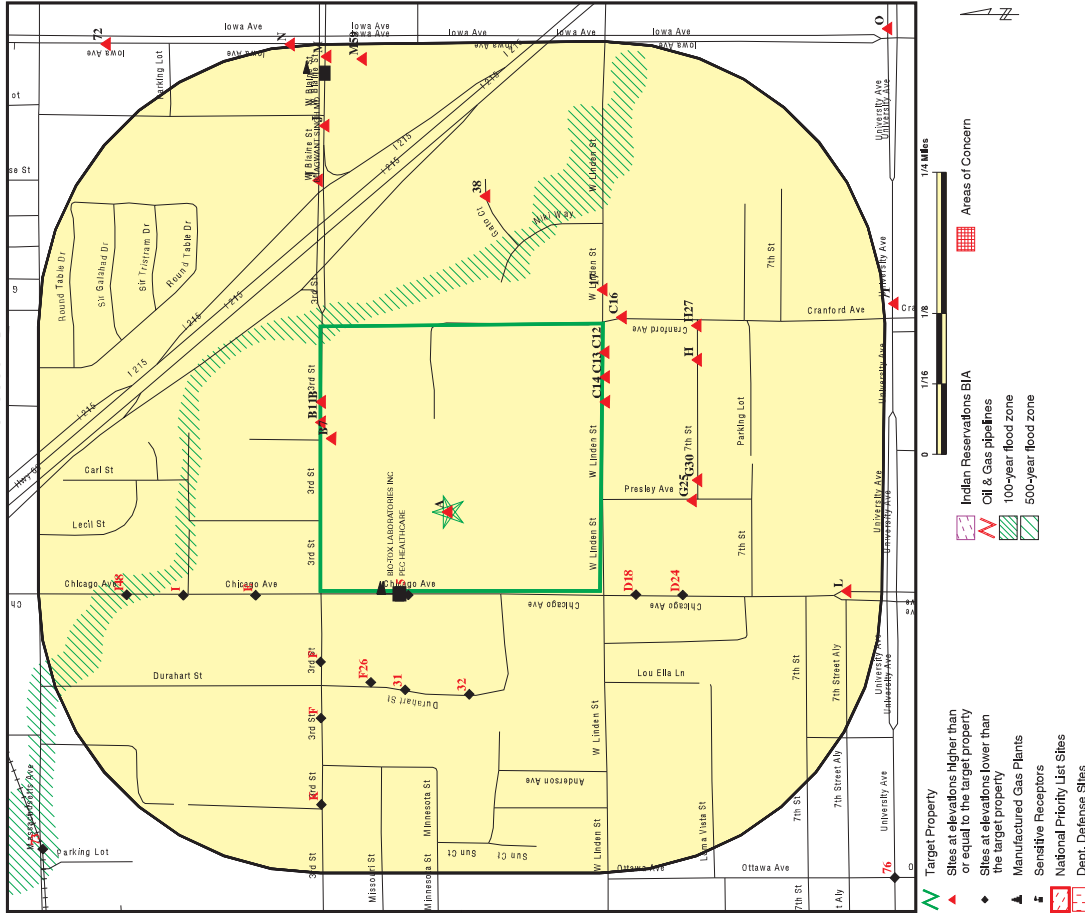


SITE NAME: North High School
 ADDRESS: 1550 Third Street
 ADDRESS: Riverside CA 92507
 LAT/LONG: 33.9814 / 117.3472

CLIENT: The Planning Center-LA Office
 CONTACT: Henry Kaplan
 INQUIRY #: 2828680.4s
 DATE: July 29, 2010 9:03 am

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DETAIL MAP - 2828680.4s



SITE NAME: North High School
 ADDRESS: 1550 Third Street
 ADDRESS: Riverside CA 92507
 LAT/LONG: 33.9814 / 117.3472

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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL		1,000	0	0	0	0	NR	0
Proposed NPL		1,000	0	0	0	0	NR	0
NPL LIENS	TP	TP	NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL		1,000	0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS		0.500	0	0	1	NR	NR	1
FEDERAL FACILITY		1,000	0	0	0	0	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP		0.500	0	0	1	NR	NR	1
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS		1,000	0	0	0	1	NR	1
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF		0.500	0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	X	0.250	2	0	NR	NR	NR	2
RCRA-SQG		0.250	14	2	NR	NR	NR	16
RCRA-CESQG		0.250	0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS		TP	NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL</i>								
RESPONSE		1,000	0	0	0	1	NR	1
<i>State- and tribal - equivalent CERCLIS</i>								
ENVIROSTOR		1,000	2	0	2	6	NR	10
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWFLF		0.500	0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST		0.500	8	11	16	NR	NR	35
SLIC		0.500	0	1	2	NR	NR	3

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST		0.500	0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
UST		0.250	2	7	NR	NR	NR	9
AST		0.250	0	0	NR	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
FEMA UST		0.250	0	0	NR	NR	NR	0
<i>State and tribal voluntary cleanup sites</i>								
INDIAN VCP		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
<i>Local / Brownfield lists</i>								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
SWRCY		0.500	0	0	2	NR	NR	2
HAULERS		TP	NR	NR	NR	NR	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US CDL		TP	NR	NR	NR	NR	NR	0
HIST Cat-Sites		1,000	0	0	0	1	NR	1
SCH		0.250	0	0	NR	NR	NR	0
Toxic Pits		1,000	0	0	0	0	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
US HIST CDL		TP	NR	NR	NR	NR	NR	0
<i>Local Lists of Registered Storage Tanks</i>								
CA FID LUST		0.250	6	6	NR	NR	NR	12
HIST LUST		0.250	2	6	NR	NR	NR	8
SWEEPS UST		0.250	6	6	NR	NR	NR	12
<i>Local Land Records</i>								
LIENS 2		TP	NR	NR	NR	NR	NR	0
LIENS		0.500	0	0	0	NR	NR	0
LIENS		TP	NR	NR	NR	NR	NR	0
DEED		0.500	0	0	0	NR	NR	0
<i>Records of Emergency Release Reports</i>								
HMIRS		TP	NR	NR	NR	NR	NR	0
CHMIRS	X	TP	NR	NR	NR	NR	NR	0
LDS		TP	NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

Map ID
Direction
Distance
Elevation

Site

Target
Property

Actual:
955 ft.

RCRA-LOG

Site 1 of 5 in cluster A

NORTH HIGH SCHOOL
1550 W. THIRD STREET
RIVERSIDE, CA 92507

RCRA-LOG:
Date form received by agency: 05/05/2006
Facility name:
1550 W. THIRD SCHOOL
RIVERSIDE, CA 92507
CAL000110051
EPA ID:
1550 W. THIRD STREET
RIVERSIDE, CA 92507
BRIAN E CALDWELL
Contact:
Not reported
Contact address:
Not reported
Contact country:
Not reported
Contact telephone:
(951) 788-7286
Contact email:
Not reported
EPA Region:
09
Classification:
Description:
Large Quantity Generator
Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

RIVERSIDE UNIFIED SCHOOL DISTRICT
3300 14TH ST PO BOX 2800
RIVERSIDE, CA 92516
US
Not reported
District
Owner
09/01/1965
Not reported

RIVERSIDE UNIFIED SCHOOL DISTRICT
Not reported
Not reported
US
Not reported
District
Operator
09/01/1965
Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MCS		TP	NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen		0.250	0	0	NR	NR	NR	0
DOT OPS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	0	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	X	1.000	0	0	0	1	NR	1
CA WDS		TP	NR	NR	NR	NR	NR	0
NPDES		TP	NR	NR	NR	NR	NR	0
Cortese		0.500	0	0	0	NR	NR	0
HIST CORTESE		0.500	3	2	5	NR	NR	10
Notify 65		1.000	2	0	1	3	NR	6
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
WIP		0.250	0	0	NR	NR	NR	0
HAZNET	X	TP	NR	NR	NR	NR	NR	0
EMI	X	TP	NR	NR	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	NR	NR	NR	0
FINANCIAL ASSURANCE		TP	NR	NR	NR	NR	NR	0
HWT		1.000	0	0	0	1	NR	1
COAL ASH EPA		0.250	0	0	NR	NR	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0
COAL ASH DOE		TP	NR	NR	NR	NR	NR	0
MWMP		0.250	0	0	NR	NR	NR	0
PROC		0.500	0	0	0	NR	NR	0

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants
EDR Historical Auto Stations
EDR Historical Cleaners

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NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation



EDR ID Number
EPA ID Number

Site
Database(s)



EDR ID Number
EPA ID Number

NORTH HIGH SCHOOL (Continued) 1010313084

Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Universal Waste Summary:

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: No
Lamps
Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: No
Pesticides
Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: No
Thermostats
Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: No

Historical Generators:

Date form received by agency: 05/05/2006
Facility name: NORTH HIGH SCHOOL
Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D008
Waste name: LEAD

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, AND ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND

Map ID
Direction
Distance
Elevation



EDR ID Number
EPA ID Number

Site
Database(s)

NORTH HIGH SCHOOL (Continued) 1010313084

1,1,2-TRICHLOROETHANE, ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

A2 Target Property
NORTH (JOHN W.) HIGH
1550 THIRD ST.
RIVERSIDE, CA 92507

FINDS 1008255115
N/A

Actual: 955 ft.
Site 2 of 5 in cluster A
FINDS:

Registry ID: 110036931345

Environmental Interests/Information System

US Geographic Names Information System (GNIS) is the official vehicle for geographic names used by the federal government and the source for applying geographic names to federal maps and other printed and electronic documents.

NCES (National Center for Education Statistics) is the primary federal entity for collecting and analyzing data related to education in the United States and other nations and the Institute of Education sciences.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

A3 Target Property
RUSD - NORTH HIGH SCHOOL
1550 3RD ST
RIVERSIDE, CA 92507

FINDS S103985664
N/A

Actual: 955 ft.
Site 3 of 5 in cluster A

HAZNET:
Gepaid: CAL000110051
Contact: DEBRA CAMPBELL
Telephone: 9517887585
Facility Addr: Not reported
Mailing Name: Not reported
Mailing Address: 3380 14TH ST
Mailing City, St, Zip: RIVERSIDE, CA 925013810
Gen County: Riverside
TSD EPA ID: CAD008364432
TSD County: Los Angeles
Waste Category: Off-specification, aged, or surplus inorganics
Disposal Method: Transfer Station
Tons: 0.1

RUSD - NORTH HIGH SCHOOL (Continued)
 Waste Category: Laboratory waste chemicals
 Disposal Method: Transfer Station
 Tons: 0.06
 Facility County: Riverside
 S103985664

RUSD - NORTH HIGH SCHOOL (Continued)
 Facility County: Not reported
 Contact: CAL000110051
 Telephone: BRIAN CALDWELL SFTY TECHNICIAN
 Facility Address: 9517887286
 Mailing Name: Not reported
 Mailing Address: 3380 14TH ST
 Mailing City, St, Zip: RIVERSIDE, CA 925013810
 Gen County: Riverside
 TSD EPA ID: CAD0008364432
 TSD County: Los Angeles
 Waste Category: 181
 Disposal Method: Not reported
 Tons: 0
 Facility County: Riverside

A4 Target Property
NORTH HIGH SCHOOL
1550 THIRD STREET
RIVERSIDE, CA 92507
Site 4 of 5 in cluster A
 HAZNET:
 Geopaid: CAL000113110
 Contact: RIVERSIDE UNIFIED SCHOOL DIST
 Telephone: 9097887470
 Facility Address: Not reported
 Mailing Name: Not reported
 Mailing Address: P O BOX 2800
 Mailing City, St, Zip: RIVERSIDE, CA 925162800
 Gen County: Riverside
 TSD EPA ID: AZD983476680
 TSD County: 99
 Waste Category: Polychlorinated biphenyls and material containing PCB's
 Disposal Method: Recycler
 Tons: 1.0017
 Facility County: Riverside
 S103985664

A4 Target Property
RUSD - NORTH HIGH SCHOOL (Continued)
 Geopaid: CAC002311321
 Contact: RON MCDANIEL-CARDINAL ENVIRO
 Telephone: 7147305931
 Facility Address: Not reported
 Mailing Name: Not reported
 Mailing Address: 3070 WASHINGTON ST
 Mailing City, St, Zip: RIVERSIDE, CA 925070000
 Gen County: Riverside
 TSD EPA ID: Not reported
 TSD County: 99
 Waste Category: Asbestos-containing waste
 Disposal Method: Not reported
 Tons: 16.85
 Facility County: Riverside

Actual: 955 ft.
 HAZNET:
 Geopaid: CAL000113110
 Contact: RIVERSIDE UNIFIED SCHOOL DIST
 Telephone: 9097887470
 Facility Address: Not reported
 Mailing Name: Not reported
 Mailing Address: P O BOX 2800
 Mailing City, St, Zip: RIVERSIDE, CA 925162800
 Gen County: Riverside
 TSD EPA ID: CAT000646117
 TSD County: Kings
 Waste Category: Liquids with polychlorinated biphenyls > 50 mg/l
 Disposal Method: Not reported
 Tons: 1.2122
 Facility County: Riverside
 S103985664

Actual: 955 ft.
 HAZNET:
 Geopaid: RON1MCDANIEL-CARDINAL ENVIRO
 Contact: RON MCDANIEL-CARDINAL ENVIRO
 Telephone: 7147305931
 Facility Address: Not reported
 Mailing Name: Not reported
 Mailing Address: 3070 WASHINGTON ST
 Mailing City, St, Zip: RIVERSIDE, CA 925070000
 Gen County: Riverside
 TSD EPA ID: Not reported
 TSD County: Los Angeles
 Waste Category: Asbestos-containing waste
 Disposal Method: Disposal_Land Fill
 Tons: 0.84
 Facility County: Riverside

EMI:
 Year: 1990
 County Code: 33
 Air Basin: SC
 Facility ID: 17935
 Air District Name: SC
 SIC Code: 8211
 Air District Name: SOUTH COAST AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 1
 Reactive Organic Gases Tons/Yr: 0

EMI:
 Year: 1990
 County Code: 33
 Air Basin: SC
 Facility ID: 17935
 Air District Name: SC
 SIC Code: 8211
 Air District Name: SOUTH COAST AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 1
 Reactive Organic Gases Tons/Yr: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

Site

NORTH HIGH SCHOOL (Continued)

S103632307

Carbon Monoxide Emissions Tons/Yr: 2
NOX - Oxides of Nitrogen Tons/Yr: 2
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

A5
Target
Property

1550 3RD STREET NORTH HIGH SCHOOL
RIVERSIDE, CA

CHMIRS S105643760
N/A

Site 5 of 5 in cluster A

CHMIRS: 016040
OES Incident Number: Not reported
OES Notification: 07/16/1986
OES Date: 04:30:12 PM
Incident Date: Not reported
Date Completed: Not reported
Property Use: Not reported
Agency Incident Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
Special Studies 1: Not reported
Special Studies 2: Not reported
Special Studies 3: Not reported
Special Studies 4: Not reported
Special Studies 5: Not reported
Special Studies 6: Not reported
More Than Two Substances Involved?: Not reported
Resp Agency Personnel # Of Decontaminated: Not reported
Responding Agency Personnel # Of Injuries: Not reported
Responding Agency Personnel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/Year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA/DOT/PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: Not reported
Report Date: Not reported
Comments: Not reported
Facility Telephone: Not reported
Waterway Involved: YES
Waterway: Not reported
Spill Site: RIVERSIDE CO HEALTH
Cleanup By: Not reported
Containment: Not reported
What Happened: Not reported
Type: CHEMICAL
Measure: Not reported

Actual:
953 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

Site

(Continued)

S105643760

Other: Not reported
Date/Time: Not reported
Year: 1986
Agency: RIVERSIDE CITY FIRE DEPT
Incident Date: 0830 170CT96
Admin Agency: Not reported
Amount: 10 ML
Contained: NO
OTHER
Site Type: Not reported
E Date: Not reported
Substance: MERCURY
Quantity Released: Not reported
BBLs: Not reported
Cups: Not reported
CUFT: Not reported
Gallons: Not reported
Grams: Not reported
Pounds: Not reported
Liters: Not reported
Ounces: Not reported
Pints: Not reported
Quarts: Not reported
Sheen: Not reported
Tons: Not reported
Unknown: Not reported
Description: A VILE OF MERCURY FOUND BY A STUDENT, TAKEN TO A CLASSROOM SPILLED ON THE FLOOR, A STUDENT ACCIDENTALLY INGESTED SOME, SEEN BY A DOCTOR, NOT HOSPITALIZED.
Evacuations: NO
Number of Injuries: NO
Number of Fatalities: NO
Description: Not reported

B6
Relative:
Higher

THIRD ST ARCO
1505 THIRD ST
RIVERSIDE, CA 92507

LUST S104970737
HAZNET N/A

Site 1 of 6 in cluster B

RIVERSIDE CO, LUST:
Region: RIVERSIDE
Facility ID: 89198
Site Closed: Yes
Date Closed: 11/10/2008
Case Type: Soil only
Site Number: RC6500122

HAZNET:
Gepaid: CAL000135427
Contact: KEN CHUNG
Telephone: 0000000000
Facility Addr: Not reported
Mailing Name: Not reported
Mailing Address: 1505 3RD ST
Mailing City/State/Zip: RIVERSIDE, CA 925073407
Gen County: Riverside
TSD EPA ID: CAD008302903

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THIRD ST ARCO (Continued)

S104970737

U001576527

TSD County: Los Angeles
 Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
 Disposal Method: Not reported
 Tons: .1876
 Facility County: Riverside

Gepaid: CAL000244189
 Contact: JACK OMAN
 Telephone: 7146705402
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 6038
 Mailing City, St, Zip: ARTESIA, CA 907026038
 Gen County: Riverside
 TSD EPA ID: Not reported
 TSD County: Los Angeles
 Waste Category: Aqueous solution with less than 10% total organic residues
 Disposal Method: Recycler
 Tons: 1.04
 Facility County: Not reported

B7
 < 1/8
 1 ft.

Relative:
 Higher

Actual:
 955 ft.

ARCO STATION #1841
 1505 THIRD
 RIVERSIDE, CA 90040

Notify 65:
 Date Reported: Not reported
 Staff Initials: Not reported
 Board File Number: Not reported
 Facility Type: Not reported
 Discharge Date: Not reported
 Incident Description: 90040

Notify 65

S100739165
N/A

B8
 < 1/8
 1 ft.

Relative:
 Higher

Actual:
 956 ft.

PAUL J ADCOCK
 1505 3RD ST
 RIVERSIDE, CA 92507

Notify 65:
 Region: STATE
 Facility ID: 00000026640
 Facility Type: Gas Station
 Other Type: Not reported
 Total Tanks: 0006
 Contact Name: Not reported
 Telephone: 0000000000
 Owner Name: ARCO PETROLEUM PRODUCTS CO.
 Owner Address: 515 SOUTH FLOWER STREET
 Owner City, St, Zip: LOS ANGELES, CA 90071

HIST UST:
 Tank Num: 001
 Container Num: 0000000001
 Year Installed: 1963

HIST UST

U001576527
N/A

PAUL J ADCOCK (Continued)

Tank Capacity: 00006000
 Tank Used for: PRODUCT
 Type of Fuel: 06
 Tank Construction: Not reported
 Leak Detection: Stock Inventor, 10

Tank Num: 002
 Container Num: 0000000002
 Year Installed: 1963
 Tank Capacity: 00006000
 Tank Used for: PRODUCT
 Type of Fuel: 06
 Tank Construction: 0000240 inches
 Leak Detection: Stock Inventor, 10

Tank Num: 003
 Container Num: 0000000003
 Year Installed: 1963
 Tank Capacity: 00004000
 Tank Used for: PRODUCT
 Type of Fuel: 06
 Tank Construction: 0000167 inches
 Leak Detection: Stock Inventor, 10

Tank Num: 004
 Container Num: 0000000004
 Year Installed: 1973
 Tank Capacity: 00004000
 Tank Used for: PRODUCT
 Type of Fuel: 06
 Tank Construction: Not reported
 Leak Detection: Stock Inventor, 10

Tank Num: 005
 Container Num: 0000000005
 Year Installed: 1963
 Tank Capacity: 00006500
 Tank Used for: PRODUCT
 Type of Fuel: WASTE OIL
 Tank Construction: 0000093 inches
 Leak Detection: Stock Inventor

Tank Num: 006
 Container Num: 0000000006
 Year Installed: 1984
 Tank Capacity: 00012000
 Tank Used for: PRODUCT
 Type of Fuel: 06
 Tank Construction: Not reported
 Leak Detection: Stock Inventor, 10

B9

ARCO #1841
1505 THIRD ST
RIVERSIDE, CA 92507

Site 4 of 6 in cluster B

Relative:
Higher

Actual:
956 ft.

CORTESE

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 0833012007

CA FID UST:
Facility ID: 32000245
Regulated By: LTNKA
Regulated ID: 00226640
Corse Code: Not reported
SIC Code: Not reported
Facility Phone: 7146833371
Mail To: Not reported
Mailing Address: 17315 STUDEBAKER RD
Mailing Address 2: Not reported
Mailing City, St, Zip: RIVERSIDE 92507
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

HIST CORTESE
CA FID UST
SWEEPS UST
HAZNET

U001967220
N/A

U001967220

B10

ARCO #1841
1505 3RD ST
RIVERSIDE, CA 92507

Site 5 of 6 in cluster B

Relative:
Higher

Actual:
956 ft.

LUST

Region: STATE
Global Id: T0606500122
Latitude: 33.983333992
Longitude: -117.344137
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 2008-11-10 00:00:00
Lead Agency: RIVERSIDE COUNTY LOP
Case Worker: YR

SWrcb Tank Id: 33-000-026640-000008
Actv Date: 10-19-92
Capacity: 12000
Tank Use: M.V. FUEL
Sig: P
Content: REG UNLEADED
Number Of Tanks: Not reported
Status: A
Comp Number: 26640
Number: 1
Board Of Equalization: 44-000506
Ref Date: 10-19-92
Act Date: 10-19-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 33-000-026640-000009
Swrcb Tank Id: 33-000-026640-000009
Actv Date: 10-19-92
Capacity: 12000
Tank Use: M.V. FUEL
Sig: P
Content: REG UNLEADED
Number Of Tanks: Not reported

HAZNET:
Gepaid: CAL000241189
Contact: JACK OMAN WASTE SPECIALIST
Telephone: 7146703958
Facility Addr: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 80249
Mailing City, St, Zip: RCHO STA MARG, CA 926880000
Gen County: Riverside
TSD EPA ID: CAT080013352
TSD County: Riverside
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 1.66
Facility County: Riverside

LUST
UST
HAZNET

U003802062
N/A

U001967220

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

EDR ID Number
EPA ID Number

Database(s)

ARCO #1841 (Continued)
 Local Agency: Local Agency
 33000L
 Hydr Basin #: UPPER SANTA ANA VALL
 Beneficial: Not reported
 Priority: Not reported
 Cleanup Fund Id: Not reported
 Work Suspended: Not reported
 Summary: Not reported

ARCO #1841 (Continued)
 Lead Agency: Local Agency
 33000L
 Hydr Basin #: UPPER SANTA ANA VALL
 Beneficial: Not reported
 Priority: Not reported
 Cleanup Fund Id: Not reported
 Work Suspended: Not reported
 Summary: Not reported

ARCO #1841 (Continued)
 Local Agency: Local Agency
 33000L
 Hydr Basin #: UPPER SANTA ANA VALL
 Beneficial: Not reported
 Priority: Not reported
 Cleanup Fund Id: Not reported
 Work Suspended: Not reported
 Summary: Not reported

UST:
 Global ID: 9602
 Latitude: 33.98308000000001
 Longitude: -117.34542

HAZNET:
 Gepaid: CAC002572713
 Contact: MICHAEL YARBROUGH
 Telephone: 9093834581
 Facility Addr: Not reported
 Mailing Name: Not reported
 Mailing Address: 464 W 4TH ST 6TH FL
 Mailing City,St,Zip: SAN BERNARDINO, CA 92401
 Gen County: Riverside
 TSD EPA ID: CAD892494833
 TSD County: San Bernardino
 Waste Category: Other empty containers 30 gallons or more
 Disposal Method: Disposal, Other
 Tons: 1.25
 Facility County: Not reported

UST:
 Global ID: 9602
 Latitude: 33.98308000000001
 Longitude: -117.34542

HAZNET:
 Gepaid: CAC002572713
 Contact: MICHAEL YARBROUGH
 Telephone: 9093834581
 Facility Addr: Not reported
 Mailing Name: Not reported
 Mailing Address: 464 W 4TH ST 6TH FL
 Mailing City,St,Zip: SAN BERNARDINO, CA 92401
 Gen County: Riverside
 TSD EPA ID: CAL000124168
 TSD County: Riverside
 Waste Category: Aqueous solution with less than 10% total organic residues
 Disposal Method: Treatment, Tank
 Tons: 2.08
 Facility County: Riverside

HAZNET:
 Gepaid: CAC002572713
 Contact: MICHAEL YARBROUGH
 Telephone: 9093834581
 Facility Addr: Not reported
 Mailing Name: Not reported
 Mailing Address: 464 W 4TH ST 6TH FL
 Mailing City,St,Zip: SAN BERNARDINO, CA 92401
 Gen County: Riverside
 TSD EPA ID: CAL000124168
 TSD County: Riverside
 Waste Category: Aqueous solution with less than 10% total organic residues
 Disposal Method: Treatment, Tank
 Tons: 2.08
 Facility County: Riverside

HAZNET:
 Gepaid: CAC002572713
 Contact: MICHAEL YARBROUGH
 Telephone: 9093834581
 Facility Addr: Not reported
 Mailing Name: Not reported
 Mailing Address: 464 W 4TH ST 6TH FL
 Mailing City,St,Zip: SAN BERNARDINO, CA 92401
 Gen County: Riverside
 TSD EPA ID: CAL000124168
 TSD County: Riverside
 Waste Category: Aqueous solution with less than 10% total organic residues
 Disposal Method: Treatment, Tank
 Tons: 2.08
 Facility County: Riverside

ELECTROCOAT
 1525 3RD ST STE G
 RIVERSIDE, CA 92507

ELECTROCOAT
 1525 3RD ST STE G
 RIVERSIDE, CA 92507

ELECTROCOAT
 1525 3RD ST STE G
 RIVERSIDE, CA 92507

Site 6 of 6 in cluster B
 RCRA-SQG: Date form received by agency:08/01/1996
 Facility name: ELECTROCOAT
 Facility address: 1525 3RD ST STE G
 RIVERSIDE, CA 92507
 EPA ID: CAD962488736

Site 6 of 6 in cluster B
 RCRA-SQG: Date form received by agency:08/01/1996
 Facility name: ELECTROCOAT
 Facility address: 1525 3RD ST STE G
 RIVERSIDE, CA 92507
 EPA ID: CAD962488736

Site 6 of 6 in cluster B
 RCRA-SQG: Date form received by agency:08/01/1996
 Facility name: ELECTROCOAT
 Facility address: 1525 3RD ST STE G
 RIVERSIDE, CA 92507
 EPA ID: CAD962488736

B11
 < 1/8
 1 ft.

Relative:
 Higher
 Actual: 956 ft.

B11
 < 1/8
 1 ft.

RCRA-SQG
 FINDS
 1000181766
 CAD962488736

RCRA-SQG
 FINDS
 1000181766
 CAD962488736

RCRA-SQG
 FINDS
 1000181766
 CAD962488736

ELECTROCOAT (Continued)
 Classification: Large Quantity Generator
 Violation Status: No violations found
 FINDS:
 Registry ID: 110002828806
 Environmental Interest/Information System
 RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ELECTROCOAT (Continued)
 Contact: Not reported
 Contact address: Not reported
 Contact country: Not reported
 Contact telephone: Not reported
 Contact email: Not reported
 EPA Region: 09
 Classification: Small Small Quantity Generator
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time, or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

ELECTROCOAT (Continued)
 Owner/Operator Summary:
 Owner/operator name: NOT REQUIRED
 Owner/operator address: NOT REQUIRED, ME 99999
 Owner/operator country: Not reported
 Owner/operator telephone: (415) 555-1212
 Legal status: Private
 Owner/Operator Type: Operator
 Owner/Op start date: Not reported
 Owner/Op end date: Not reported
 Owner/operator name: CRAIG CODDING
 Owner/operator address: NOT REQUIRED, ME 99999
 Owner/operator country: Not reported
 Owner/operator telephone: (415) 555-1212
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: Not reported
 Owner/Op end date: Not reported

ELECTROCOAT
 C12 South <1/8 0.001 mi. 7 ft.
 Relative: Higher
 Actual: 974 ft.
 RCRA-SQG: RIVERSIDE COUNTY LINDEN CLINIC
 Date form received by agency: 08/10/1992
 Facility name: RIVERSIDE COUNTY LINDEN CLINIC
 EPA ID: CAD98364F340
 Mailing address: MAGNOLIA AVE RIVERSIDE, CA 92503
 Contact: JOHN CAIRNEY
 Contact address: 9851 MAGNOLIA AVE RIVERSIDE, CA 92503
 Contact country: US
 Contact telephone: (714) 358-7576
 Contact email: Not reported
 EPA Region: 09
 Classification: Small Small Quantity Generator
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time, or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
 Owner/operator name: COUNTY OF RIVERSIDE
 Owner/operator address: 9851 MAGNOLIA AVE RIVERSIDE, CA 92503
 Owner/operator country: Not reported
 Owner/operator telephone: (714) 358-7576
 Legal status: County
 Owner/Operator Type: Owner
 Owner/Op start date: Not reported
 Owner/Op end date: Not reported

Handler Activities Summary:
 U.S. importer of hazardous waste: Unknown
 Mixed waste (haz. and radioactive): Unknown
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: Unknown
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 Used oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No
 Off-site waste receiver: Verified to be non-commercial

Historical Generators:
 Date form received by agency: 04/17/1990
 Facility name: ELECTROCOAT

Handler Activities Summary:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RIVERSIDE COUNTY LINDEN CLINIC (Continued)

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Violation Status: No violations found

FINDS: 11002883309

Registry ID: 11002883309

Environmental Interests/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

GeopId: CAD983646340
Contact: COUNTY OF RIVERSIDE
Telephone: 7143587576
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1520 W LINDEN ST
Mailing City, St, ZIP: RIVERSIDE, CA 925076808
Gen County: Riverside
TSD EPA ID: CAD982524613
TSD County: Orange
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: .0083
Facility County: Riverside

1000818725

FMC TECHNOLOGIES INC

1540 LINDEN STREET
RIVERSIDE, CA 92507
Site 2 of 4 in cluster C
RCRA-SQG: Date form received by agency: 06/19/2001
F M C TECHNOLOGIES INC
Facility name: 1540 LINDEN ST
RIVERSIDE, CA 92507
CAD982469819
PO BOX 5710
RIVERSIDE, CA 92517
CHRISTINA CAMPOS
Contact: PO BOX 5710
RIVERSIDE, CA 92517
US
Contact country: (909) 222-2300
Contact telephone: Not reported
Contact email: 09
EPA Region: Small Small Quantity Generator
Classification: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time, or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time
Description:

RCRA-SQG
FINDS
HAZNET

C13
South
< 1/8
0.002 mi.
10 ft.
Relative:
Higher
Actual:
971 ft.

Owner/Operator Summary:

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported
Owner/operator name: RICHARD L HOUTIZER
Owner/operator address: PO BOX 5710
RIVERSIDE, CA 92517
Owner/operator country: Not reported
Owner/operator telephone: (909) 222-2300
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

1000109329

FMC TECHNOLOGIES INC (Continued)

events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

1000109329

FMC TECHNOLOGIES INC (Continued)

1000109329

FMC TECHNOLOGIES INC (Continued)

1000109329

FMC TECHNOLOGIES INC (Continued)

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Hazardous Waste Summary:
Waste code:
Waste name:

D001
IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER, ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

D002
A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

F003
THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

U080
METHANE, DICHLORO-
No violations found

Registry ID: 110002819335
Environmental Interest/Information System
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of

HAZNET:
Gepaid: CAD982469819
Contact: FMC CORPORATION
Telephone: 3128616000
Facility Address: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 5710
RIVERSIDE, CA 925175710
Gen County: Riverside
TSD EPA ID: CAD008302903
Los Angeles
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Recycler
Tons: 2.251
Facility County: Riverside

Gepaid: CAD982469819
Contact: FMC CORPORATION
Telephone: 3128616000
Facility Address: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 5710
RIVERSIDE, CA 925175710
Gen County: Riverside
TSD EPA ID: CAD008302903
Los Angeles
Waste Category: Laboratory waste chemicals
Disposal Method: Transfer Station
Tons: .0265
Facility County: Riverside

Gepaid: AMY BITTNER/RGLTRY ENVIR SUPVR
Contact: AMY BITTNER/RGLTRY ENVIR SUPVR
Telephone: 9092222332
Facility Address: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 5710
RIVERSIDE, CA 925175710
Gen County: Riverside
TSD EPA ID: CAD008302903
Los Angeles
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Recycler
Tons: 0.62
Facility County: Riverside

Gepaid: CAD982469819
Contact: AMY BITTNER/RGLTRY ENVIR SUPVR
Telephone: 9092222332
Facility Address: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 5710
RIVERSIDE, CA 925175710
Gen County: Riverside
TSD EPA ID: CAD008302903
Los Angeles
Waste Category: Laboratory waste chemicals
Disposal Method: Transfer Station
Tons: .0265
Facility County: Riverside

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site
Database(s)
EDR ID Number
EPA ID Number

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site
Database(s)
EDR ID Number
EPA ID Number

FMC TECHNOLOGIES INC (Continued)

1000109329

Mailing Address: PO BOX 5710
Mailing City,St,Zip: RIVERSIDE, CA 925175710
Gen County: Riverside
TSD EPA ID: CAD0008302903
Waste Category: Laboratory waste chemicals
Disposal Method: Transfer Station
Tons: 0.06
Facility County: Riverside
Gepald: CAD982469819
Contact: AMY BITTNER/RGLTRY ENVIR SUPVR
Telephone: 9092222332
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 5710
Mailing City,St,Zip: RIVERSIDE, CA 925175710
Gen County: Riverside
TSD EPA ID: CAD0008302903
Waste Category: Laboratory waste chemicals
Disposal Method: Recycler
Tons: 0.01
Facility County: Riverside

Click this hypertext link while viewing on your computer to access 19 additional CA_HAZNET record(s) in the EDR Site Report.

C14
South
< 1/8
12 ft.
Relative:
Higher
Actual:
965 ft.

RCRA-LOG
Date form received by agency: 10/1/2007
Facility name: SHERWIN WILLIAMS COMPANY NO 4364
Facility address: 1560 W LINDEN ST
RIVERSIDE, CA 92507
EPA ID: CAR000014969
Contact: EDDIE MORENO
Contact address: 1560 W LINDEN ST
RIVERSIDE, CA 92507
Contact country: US
Contact telephone: 951-784-8442
Contact email: SW4364@SHERWIN.COM
EPA Region: 09
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, or acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, or acutely

RCRA-LOG 1001155560
FINDS CAR000014969

SHERWIN WILLIAMS COMPANY NO 4364
1560 W LINDEN ST
RIVERSIDE, CA 92507
Site 3 of 4 in cluster C
RCRA-LOG:
Date form received by agency: 10/1/2007
Facility name: SHERWIN WILLIAMS COMPANY NO 4364
Facility address: 1560 W LINDEN ST
RIVERSIDE, CA 92507
EPA ID: CAR000014969
Contact: EDDIE MORENO
Contact address: 1560 W LINDEN ST
RIVERSIDE, CA 92507
Contact country: US
Contact telephone: 951-784-8442
Contact email: SW4364@SHERWIN.COM
EPA Region: 09
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, or acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, or acutely

SHERWIN WILLIAMS COMPANY NO 4364 (Continued)

1001155560

hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time
Owner/Operator Summary:
Owner/operator name: PROWESTERN DEVELOPMENT COMPANY
Owner/operator address: PO BOX 222038
CARMEL, CA 93922
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 03/01/2003
Owner/Op end date: Not reported
Owner/operator name: SHERWIN WILLIAMS COMPANY
Owner/operator address: Not reported
Owner/operator country: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 10/30/1995
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Historical Generators:
Date form received by agency: 12/27/2006
Facility name: SHERWIN WILLIAMS COMPANY NO 4364
Classification: Small Quantity Generator
Date form received by agency: 10/12/2000
Facility name: SHERWIN WILLIAMS COMPANY NO 4364
Site name: SHERWIN WILLIAMS
Classification: Large Quantity Generator
Date form received by agency: 01/25/2000
Facility name: SHERWIN WILLIAMS COMPANY NO 4364
Site name: SHERWIN WILLIAMS STORE 4364
Classification: Small Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

SHERWIN WILLIAMS COMPANY NO 4384 (Continued)

100115560

RCRA-SQG
FINDS
HAZNET

15
West
< 1/8
0.004 mi.
19 ft.

MASTER PRINTING
3369 CHICAGO AVE
RIVERSIDE, CA 92507

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name:
3369 CHICAGO AVE
RIVERSIDE, CA 92507
CAD982476368

EPA ID:
Not reported
Contact:
Not reported
Contact address:
Not reported
Contact country:
Not reported
Contact telephone:
Not reported
Contact email:
Not reported
EPA Region:
09

Classification:
Description:
Small Small Quantity Generator
Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time, or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/Operator name:
MANMOHAN G SHAH
Owner/Operator address:
NOT REQUIRED
Owner/Operator telephone:
NOT REQUIRED, ME 99999
Owner/Operator country:
Not reported
Legal status:
Private
Owner/Operator Type:
Owner
Owner/Op start date:
Not reported
Owner/Op end date:
Not reported

Owner/Operator name:
MANMOHAN G SHAH
Owner/Operator address:
NOT REQUIRED, ME 99999
Owner/Operator telephone:
NOT REQUIRED, ME 99999
Owner/Operator country:
Not reported
Legal status:
Private
Owner/Operator Type:
Operator
Owner/Op start date:
Not reported
Owner/Op end date:
Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No

Hazardous Waste Summary:

D001
IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

D035
METHYL ETHYL KETONE

F003
THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS; AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

F005
THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

No violations found

110002913937
Environmental Interests/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No

MAP FINDINGS

MAP FINDINGS

1000401497

MASTER PRINTING (Continued)

Gepaid: CAD892476368
 Contact: MIKE SHAH OWNER
 Telephone: 0000000000
 Facility Address: Not reported
 Mailing Name: Not reported
 Mailing Address: 3369 CHICAGO AVE
 Mailing City, St, Zip: RIVERSIDE, CA 925070000
 Gen County: Orange
 TSD EPA ID: CAD103040858
 TSD County: 0
 Waste Category: Photochemicals/photoprocessing waste
 Disposal Method: Not reported
 Tons: .0834
 Facility County: Orange

1000401497

MASTER PRINTING (Continued)

User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No
 Off-site waste receiver: Verified to be non-commercial

Historical Generators:
 Date form received by agency: 07/06/1988
 Facility name: MASTER PRINTING
 Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:
 Registry ID: 110006479275

Environmental Interest/Information System
 RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

1000401497

HAZNET:

Gepaid: CAD892476368
 Contact: MIKE SHAH OWNER
 Telephone: 0000000000
 Facility Address: Not reported
 Mailing Name: Not reported
 Mailing Address: 3369 CHICAGO AVE
 Mailing City, St, Zip: RIVERSIDE, CA 925070000
 Gen County: Orange
 TSD EPA ID: CAD108040858
 TSD County: Los Angeles
 Waste Category: Photochemicals/photoprocessing waste
 Disposal Method: Recycler
 Tons: .0708
 Facility County: Orange

1000401497

HAZNET:

Gepaid: CAD892476368
 Contact: MIKE SHAH OWNER
 Telephone: 0000000000
 Facility Address: Not reported
 Mailing Name: Not reported
 Mailing Address: 3369 CHICAGO AVE
 Mailing City, St, Zip: RIVERSIDE, CA 925070000
 Gen County: Orange
 TSD EPA ID: CAD108040858
 TSD County: Los Angeles
 Waste Category: Photochemicals/photoprocessing waste
 Disposal Method: Recycler
 Tons: .1042
 Facility County: Orange

Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Site

Database(s)
EDR ID Number
EPA ID Number

C16
SSE
< 1/8
0.017 mi.
90 ft.
Relative:
Higher
Actual:
978 ft.

CA FID UST **S101590051**
SWEEPS UST **N/A**

1000857710

RIVERSIDE CITY FIRE STAT #4
3510 CRANFORD AVE
RIVERSIDE, CA 92507
Site 4 of 4 in cluster C
CA FID UST:
Facility ID: 33002921
Regulated By: UTNKA
Regulated ID: Not reported
Corlese Code: Not reported
SIC Code: Not reported
Facility Phone: 71477825291
Mail To: Not reported
Mailing Address: 3900 MAIN ST
Mailing Address 2: Not reported
Mailing City, St, Zip: RIVERSIDE 92507
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

Contact country: US
Contact telephone: (909) 275-9411
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time, or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

SWEEPS UST:
Status: A
Comp Number: 40902
Number: 4
Board Of Equalization: 44-017930
Ref Date: 11-18-92
Act Date: 11-18-92
Created Date: 04-18-89
Tank Status: A
Owner Tank Id: 000870
Swrcb Tank Id: 33-000-040902-000001
Capacity: 500
Tank Use: M.V. FUEL
Sig: P
Content: DIESEL
Number Of Tanks: 1

Owner/Operator Summary:
Owner/operator name: DOUGLAS SURBER
Owner/operator address: 1473 LINDEN ST UNIT J
RIVERSIDE, CA 92507
Owner/operator country: Not reported
Owner/operator telephone: (909) 275-9411
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

17
East
< 1/8
0.030 mi.
158 ft.
Relative:
Higher
Actual:
978 ft.

RCRA-SQG **1000857710**
FINDS **CAD983671553**

EMERALD MOLD
1473 LINDEN ST. UNIT J
RIVERSIDE, CA 92507
RCRA-SQG:
Date form received by agency: 07/12/1993
Facility name: EMERALD MOLD
Facility address: 1473 LINDEN ST. UNIT J
RIVERSIDE, CA 92507
CAD983671553
EPA ID: LINDEN ST. UNIT J
Mailing address: RIVERSIDE, CA 92507
DOUGLAS SURBER
Contact address: 1473 LINDEN ST. UNIT J

Violation Status: No violations found
FINDS:
Registry ID: 110002901637
Environmental Interests/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Map ID
Direction
Distance
Elevation

Site

EDR ID Number
EPA ID Number

Database(s)

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

EDR ID Number
EPA ID Number

Database(s)

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

EDR ID Number
EPA ID Number

Database(s)

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

EDR ID Number
EPA ID Number

Database(s)

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

EDR ID Number
EPA ID Number

Database(s)

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

EDR ID Number
EPA ID Number

Database(s)

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

EDR ID Number
EPA ID Number

Database(s)

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

EDR ID Number
EPA ID Number

Database(s)

MAP FINDINGS

D18
South
< 1/8
0.032 mi.
165 ft.

Relative: Lower
Actual: 952 ft.

CALIFORNIA SPRAY CHEMICAL COMPANY
3530 CHICAGO AV
RIVERSIDE, CA 92507

Site 1 of 2 in cluster D

ENVIROSTOR
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0.37
NPL: NO
Regulatory Agencies: SMBRP, US EPA
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Greg Holmes
Division Branch: Cypress
Facility ID: 60000214
Site Code: Not reported
Assembly: 64
Senate: 31
Special Program: EPA - PASI
Status: Inactive - Needs Evaluation
Status Date: 3/6/2006 0:00
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Not Applicable
Latitude: 33.97635042
Longitude: -117.3480554
APN: 250160008

Past Use: FUEL - VEHICLE STORAGE/REFUELING
Potential COC: 30001, 30016
Confirmed COC: 30001-NO,30016-NO
SOIL
EPA Identification Number: CA0000908316
60000214
Envirosor ID Number: 250160008
APN

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 2006-06-13 00:00:00
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Owner/Operator Summary:
Owner/operator name: MICHELLE BLAKNEY
Owner/operator address: 16431 SINGLETREE LN RIVERSIDE, CA 92506

EDR ID Number: S107735999
EPA ID Number: N/A

Database(s): ENVIROSTOR

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

EDR ID Number
EPA ID Number

Database(s)

MAP FINDINGS

E19
North
< 1/8
0.058 mi.
304 ft.

Relative: Lower
Actual: 940 ft.

EDWARD S. BABCOCK & SONS, INC.
3215 CHICAGO AVE
RIVERSIDE, CA 92507

Site 1 of 2 in cluster E

HIST UST:
Region: STATE
Facility ID: 00000032455
Facility Type: Other
Other Type: ANALYTICAL LABORATOR
Total Tanks: 0001
Contact Name: SHERMAN G. BABCOCK
Telephone: 7146841881
Owner Name: SHERMAN AND DONNA BABCOCK
Owner Address: 3215 CHICAGO AVENUE
Owner City, St, Zip: RIVERSIDE, CA 92507

Tank Num: 001
Container Num: 1
Year Installed: 1964
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: None

RCRA-SQG: MB PRINT AND SILKSCREENING CO INC
3215 CHICAGO AVE STE A
RIVERSIDE, CA 92507

Site 2 of 2 in cluster E

RCRA-SQG:
Date form received by agency: 06/12/1995
MB PRINT AND SILKSCREENING CO INC
3215 CHICAGO AVE STE A
RIVERSIDE, CA 92507
EPA ID: CAR000003483
Mailing address: CHICAGO AVE STE A RIVERSIDE, CA 92507
Contact: BARRY MERRILL
Contact address: 3215 CHICAGO AVE STE A RIVERSIDE, CA 92507
Contact country: US
Contact telephone: (909) 787-8191
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1,000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month; and accumulates more than 1000 kg of hazardous waste at any time

EDR ID Number: U001576500
EPA ID Number: N/A

Database(s): HIST UST

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

EDR ID Number
EPA ID Number

Database(s)

MAP FINDINGS

E20
North
< 1/8
0.058 mi.
304 ft.

Relative: Lower
Actual: 940 ft.

MB PRINT AND SILKSCREENING CO INC
3215 CHICAGO AVE STE A
RIVERSIDE, CA 92507

Site 2 of 2 in cluster E

RCRA-SQG:
Date form received by agency: 06/12/1995
MB PRINT AND SILKSCREENING CO INC
3215 CHICAGO AVE STE A
RIVERSIDE, CA 92507
EPA ID: CAR000003483
Mailing address: CHICAGO AVE STE A RIVERSIDE, CA 92507
Contact: BARRY MERRILL
Contact address: 3215 CHICAGO AVE STE A RIVERSIDE, CA 92507
Contact country: US
Contact telephone: (909) 787-8191
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1,000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month; and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: MICHELLE BLAKNEY
Owner/operator address: 16431 SINGLETREE LN RIVERSIDE, CA 92506

EDR ID Number: 1001022997
EPA ID Number: CAR000003483

Database(s): RCRA-SQG, FINDS

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

EDR ID Number
EPA ID Number

Database(s)

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

EDR ID Number
EPA ID Number

Database(s)

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

EDR ID Number
EPA ID Number

Database(s)

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

EDR ID Number
EPA ID Number

Database(s)

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

EDR ID Number
EPA ID Number

Database(s)

MAP FINDINGS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Site

Database(s)

EDR ID Number
EPA ID Number

MAP FINDINGS

MB PRINT AND SILKSCREENING CO INC (Continued)

Owner/operator country: Not reported
Owner/operator telephone: (909) 780-7407
Legal status: Private
Owner/operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Violation Status: No violations found

FINDS:

Registry ID: 110002906507

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

F21
West
< 1/8
0.063 mi.
332 ft.

Relative:
Lower

MERIT OIL CO
1751 THIRD ST
RIVERSIDE, CA

Site 1 of 9 in cluster F

RIVERSIDE CO. LUST
Region: RIVERSIDE
Facility ID: 9914948
Site Closed: Yes
Date Closed: 4/10/2000
Case Type: Soil only
Site Number: RC6600398

LUST S104228087
N/A

1001022997

AMENDT OIL COMPANY

1751 THIRD ST
RIVERSIDE, CA 92507
Site 2 of 9 in cluster F

Relative:
Lower

CORTESE
Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 083303384T

CA FID UST:

Facility ID: 33001860
Regulated By: LTNKA
Regulated ID: Not reported
Corlese Code: Not reported
SIC Code: Not reported
Facility Phone: 7146853411
Mail To: Not reported
Mailing Address: 1405 W RIALTO AVE
Mailing Address 2: Not reported
Mailing City/SLZip: RIVERSIDE 92507
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:

Status: A
Comp Number: 26641
Number: 44-018110
Board Of Equalization: 44-018110
Ref Date: 10-19-92
Act Date: 10-19-92
Created Date: 07-06-89
Tank Status: A
Owner Tank Id: 001593
Swrcb Tank Id: 33-000-026841-000001
Actv Date: 10-19-92
Capacity: 10000
Tank Use: M.V. FUEL
Sig: P
Content: REG UNLEADED
Number Of Tanks: 3
Status: A
Comp Number: 26641
Number: 1
Board Of Equalization: 44-018110
Ref Date: 10-19-92
Act Date: 10-19-92
Created Date: 07-06-89
Tank Status: A
Owner Tank Id: ST-3

HIST CORTESE S101631126
CA FID UST
SWEEPS UST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site
Database(s)
EDR ID Number
EPA ID Number

AMENDT OIL COMPANY (Continued)

S101631126

U003659473

Swrcb Tank Id: 33-000-026641-000002
Actv Date: 10-19-92
Capacity: 10000
Tank Use: M.V. FUEL
Sig: P
Content: LEADED
Number Of Tanks: Not reported
Status: A
Comp Number: 26641
Number: 1
Board Of Equalization: 44-018110
Ref Date: 10-19-92
Act Date: 10-19-92
Created Date: 07-06-89
Tank Status: A
Owner Tank Id: ST-3
Swrcb Tank Id: 33-000-026641-000003
Actv Date: 10-19-92
Capacity: 10000
Tank Use: M.V. FUEL
Sig: P
Content: REG UNLEADED
Number Of Tanks: Not reported

MERIT OIL COMPANY (Continued)

Substance: Gasoline
Qty Leaked: Not reported
Abate Method: Not reported
Cross Street: CHICAGO
Enf Type: CLOS
Funding: Not reported
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: UNK
Leak Source: UNK
Global ID: T0606500574
How Stopped Date: 2/23/1999
Enter Date: 3/22/1999
Review Date: 2/23/1999
Prelim Assess: Not reported
Discover Date: 2/23/1999
Enforcement Date: Not reported
Close Date: 4/10/2000
Workplan: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Enter Date: 3/22/1999
GW Qualifies: Not reported
Soil Qualifies: Not reported
Operator: Not reported
Facility Contact: Not reported
Interim: Not reported
Oversite Program: LUST
Latitude: 33.9793165
Longitude: -117.339662
MTBE Date: Not reported
Max MTBE GW: Not reported
MTBE Concentration: 0
Max MTBE Soil: Not reported
MTBE Fuel: Not reported
MTBE Tested: Not reported
MTBE Class: Not reported
Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Start: TIME
Staff Initials: UNK
Local Agency: Local Agency
Lead Agency: 33000L
Local Agency: UPPER SANTA ANA VALL
Hydr Basin #: Not reported
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: CASE CLOSED ON 4/10/00

UST:
Global ID: 11019
Latitude: 33.983080000000001
Longitude: -117.34953

RIVERSIDE CO. UST:

**F23
West
MERIT OIL COMPANY
1751 3RD ST
RIVERSIDE, CA 92507**

UST U003659473
UST N/A

Site 3 of 9 in cluster F

Region: STATE
Global Id: T0606500574
Latitude: 33.983395
Longitude: -117.349663
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Lead Agency: 2000-04-10 00:00:00
Case Worker: RIVERSIDE COUNTY LOP
Local Agency: SCB
RB Case Number: 083303384T
File Location: 9914948
Local Agency Warehouse
Soil
Potential Media Affect: Gasoline
Potential Contaminants of Concern: Not reported
Site History:

UST REG 8:
Region: Riverside
County: Santa Ana Region
Regional Board: Case Closed
Facility Status: Case Closed
Case Number: 083303384T
Local Case Num: 9914948
Case Type: Soil only

Map ID
Direction
Distance
Elevation



Map ID
Direction
Distance
Elevation



Site
Region: RIVERSIDE
Total Tanks: 4
EDR ID Number: U003659473
EPA ID Number: U003659473
Database(s):
EDR Historical Auto Stations: 1009023460
N/A

Site
EDR ID Number: U001967828
EPA ID Number: U001967828
Database(s):
RCRA-SQG
FINDS
1000401493
CAD98232527

MERIT OIL COMPANY (Continued)
Region: RIVERSIDE
Total Tanks: 4

MITCHELL GLASS (Continued)
Tank Use: M.V. FUEL
Sig: P
Content: REG UNLEADED
Number Of Tanks: 1

D24
South
< 1/8
0.073 mi.
388 ft.

CHICAGO BODY WORKS
3590 CHICAGO AVE
RIVERSIDE, CA

Relative:
Lower

EDR Historical Auto Stations:
Name: CHICAGO BODY WORKS
Year: 1957
Type: AUTOMOBILE REPAIRING
Name: GRIFFIN R C
Year: 1951
Type: AUTOMOBILE REPAIRING

F26
West
< 1/8
0.081 mi.
428 ft.

BAXTER HEALTHCARE CORP
3333 DURHART ST
RIVERSIDE, CA 92507

Relative:
Lower
Actual:
940 ft.

RCRA-SQG:
Date form received by agency: 01/26/1988
Facility name: BAXTER HEALTHCARE CORP
Facility address: 3333 DURHART ST
RIVERSIDE, CA 92507
EPA ID: CAD98232527
Mailing address: DURHART ST
RIVERSIDE, CA 92507
Contact: ENVIRONMENTAL MANAGER
Contact address: 3333 DURHART ST
RIVERSIDE, CA 92507
Contact country: US
Contact telephone: (714) 686-8900
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

G25
South
< 1/8
0.080 mi.
424 ft.

MITCHELL GLASS
3595 PRESLEY AVE
RIVERSIDE, CA 92507

Relative:
Higher
Actual:
961 ft.

CA FID UST:
Facility ID: 33007024
Regulated By: UTKNA
Regulated ID: Not reported
Corros Code: Not reported
SIC Code: Not reported
Facility Phone: 7146863540
Mail To: Not reported
Mailing Address: 3595 PRESLEY AVE
Mailing Address 2: Not reported
Mailing City, ST, Zip: RIVERSIDE 92507
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

CA FID UST
SWEEPS UST
N/A

Owner/Operator Summary:
Owner/operator name: BAXTER HEALTH CARE
Owner/operator address: NOT REQUIRED, ME 99999
Not reported
Owner/operator country: (415) 555-1212
Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported
Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

SWEEPS UST:

Status: A
Comp Number: 39222
Number: 1
Board Of Equalization: 44-018234
Ref Date: 05-08-90
Act Date: 05-08-90
Created Date: 03-17-89
Tank Status: A
Owner Tank Id: 3595
Swrcb Tank Id: 35-000-039222-000001
Activ Date: 05-08-90
Capacity: 5000

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): Unknown

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

BAXTER HEALTHCARE CORP (Continued)

1000401493

ENVIRONMENTAL METALS CORP (Continued)

1000261667

Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No
 Off-site waste receiver: Verified to be non-commercial

Violation Status: No violations found

FINDS:

Registry ID: 11002794968

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ENVIRONMENTAL METALS CORP

1521 7TH ST
RIVERSIDE, CA 92507

Site 1 of 3 in cluster H

RCRA-SQG:

Date form received by agency: 09/01/1986

Facility name: ENVIRONMENTAL METALS CORP

1521 7TH ST

RIVERSIDE, CA 92507

EPA ID: CAD980892160

Mailing address: SEVENTH ST

RIVERSIDE, CA 92507

Contact: Not reported

Contact address: Not reported

Contact country: Not reported

Contact telephone: Not reported

Contact email: Not reported

EPA Region: 09

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

H27
South
< 1/8
0.083 mi.
437 ft.

Relative:
Higher
Actual:
977 ft.

RCRA-SQG
FINDS
1000261667
CAD980892160

U.S. importer of hazardous waste: Unknown
 Mixed waste (haz. and radioactive): Unknown
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: Unknown
 Furnace exemption: Unknown
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No
 Off-site waste receiver: Verified to be non-commercial

Violation Status: No violations found

FINDS:

Registry ID: 110002676220

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

H29
South
< 1/8
0.083 mi.
440 ft.

Relative:
Higher

Actual:
973 ft.

THERMOCLAD CO THE
1541 7TH ST
RIVERSIDE, CA 92507
Site 3 of 3 in cluster H

RCRA-SQG
Date form received by agency: 04/17/1987
Facility name: THERMOCLAD CO THE
1541 7TH ST
RIVERSIDE, CA 92507
CAD981978539
7TH ST
RIVERSIDE, CA 92507
ENVIRONMENTAL MANAGER
1541 7TH ST
RIVERSIDE, CA 92507
US
(714) 788-2628
Not reported
09
Small Small Quantity Generator
Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time, or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: THERMOCLAD THE
Owner/operator address: NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, store or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No

RCRA-SQG
1000365008
FINDS
CAD981978539

H28
South
< 1/8
0.083 mi.
440 ft.

Relative:
Higher

Actual:
973 ft.

THERMOCLAD COMPANY
1541 7TH ST
RIVERSIDE, CA 92507
Site 2 of 3 in cluster H

ENVIROSTOR
Site Type: Inactive - Needs Evaluation
Site Type Detailed: 3/6/2006 0:00
Acres: NO
NPL: NO
Regulatory Agencies: SMBRP, US EPA
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Greg Holmes
Division Branch: Cypress
Facility ID: 60000209
Site Code: Not reported
Assembly: 64
Senate: 31
Special Program: EPA - PASI
Status: Inactive - Needs Evaluation
Status Date: 3/6/2006 0:00
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: EPA Grant
Latitude: 33.97850025
Longitude: -117.2455527
APN: 250-161-009
Past Use: MANUFACTURING - CHEMICALS
Potential COC: 30028
Confirmed COC: 30028-NO
Potential Description: NONE SPECIFIED
Alias Name: 14895
Alias Type: PB-PCA
Alias Name: CAD981978539
Alias Type: EPA Identification Number
Alias Name: 250-161-009
Alias Type: APN
Alias Name: 60000209
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 2006-04-12 00:00:00
Comments: EPA determined the site is not eligible for CERCLA.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR
S109422434
N/A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

Site

Database(s)

EDR ID Number
EPA ID Number

THERMOCLAD CO THE (Continued)

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Violation Status: No violations found

FINDS:

Registry ID: 11002762626

Environmental Interests/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

WEST COAST PAINTING (Continued)

Owner/Operator Summary:
Owner/operator name: MARK HERBERT
Owner/operator address: Not reported
Owner/operator telephone: US
Owner/operator country: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 07/11/1986
Owner/Op end date: Not reported
Owner/operator name: MARK HERBERT
Owner/operator address: 1611 7TH ST, RIVERSIDE, CA 92507
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 07/11/1986
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Universal Waste Summary:

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: Not reported
Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: Not reported
Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: Not reported
Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

Site

Database(s)

EDR ID Number
EPA ID Number

1000365008

WEST COAST PAINTING (Continued)

Owner/Operator Summary:
Owner/operator name: MARK HERBERT
Owner/operator address: Not reported
Owner/operator telephone: US
Owner/operator country: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 07/11/1986
Owner/Op end date: Not reported
Owner/operator name: MARK HERBERT
Owner/operator address: 1611 7TH ST, RIVERSIDE, CA 92507
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 07/11/1986
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Universal Waste Summary:

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: Not reported
Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: Not reported
Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: Not reported
Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: Not reported

G30
South
< 1/8
0.085 mi.
448 ft.

Relative:
Higher

Actual:
982 ft.

WEST COAST PAINTING
1611 7TH ST
RIVERSIDE, CA 92507

Site 2 of 2 in cluster G

RCRA-LOG:
Date form received by agency: 06/27/2008

Facility name: WEST COAST PAINTING
Facility address: 1611 7TH ST, RIVERSIDE, CA 92507
EPA ID: CAL000221929
Contact: BOB GONZALEZ
Contact address: Not reported

Contact country: Not reported
Contact telephone: (951) 778-8913
Contact telephone ext.: 315
Contact email: BOBG@WESTCOASTPAINTING.COM
EPA Region: 09

Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

RCRA-LOG 1012175661
CAL000221929

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

Site

Database(s)

Site

Database(s)

WEST COAST PAINTING (Continued)

1012175661

Hazardous Waste Summary:

D001
IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code:
Waste name:

F005
THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Biennial Reports:

Last Biennial Reporting Year: 2009

Annual Waste Handled:

Waste code:
Waste name:

D001
IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Amount (Lbs):

60738.8

Waste code:
Waste name:

F005
THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Amount (Lbs):

60738.8

Violation Status:

No violations found

TRM COPY CENTER
3390 DURAHART ST
RIVERSIDE, CA 92507

RCRA-SQG 1000819894
FINDS CAD983659079
HAZNET

Relative:
Lower
West
< 1/8
0.088 mi.
463 ft.

RCRA-SQG:
Date form received by agency: 09/11/1995
Facility name:
Facility address:
EPA ID:

TRM COPY CENTER
3390 DURAHART ST
RIVERSIDE, CA 92507
CAD983659079

Actual:
940 ft.

TRM COPY CENTER (Continued)

1000819894

Mailing address:

5208 N E FIRST HUNDRED TWENTY
PORTLAND, OR 972301074

Contact:

TIM MADDOX
3390 DURAHART ST
RIVERSIDE, CA 92507

Contact country:

US

Contact telephone:

(909) 683-0290

Contact email:

Not reported

EPA Region:

09

Classification:

Small Small Quantity Generator

Description:
Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time, or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:

INDUSTRIAL PROPERTY MGMT

Owner/operator address:

3390 DURAHART ST
RIVERSIDE, CA 92507

Owner/operator country:

Not reported

Owner/operator telephone:

(714) 391-1495

Legal status:

Private

Owner/Operator Type:

Owner

Owner/Op start date:

Not reported

Owner/Op end date:

Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

Mixed waste (haz and radioactive): Unknown

Recycler of hazardous waste: No

Transporter of hazardous waste: No

Treater, storer, or disposer of HW: No

Underground injection activity: No

On-site burner exemption: No

Furnace exemption: No

Used oil fuel burner: No

Used oil processor: No

Used oil refiner: No

Used oil fuel marketer to burner: No

Used oil Specification marketer: No

Used oil transfer facility: No

Off-site transporter: No

Off-site waste receiver: Verified to be non-commercial

Violation Status:

No violations found

FINDS:

Registry ID: 110002892415

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

Map ID
Direction
Distance
Elevation



Map ID
Direction
Distance
Elevation



Site Database(s) EDR ID Number
EPA ID Number

Site Database(s) EDR ID Number
EPA ID Number

TRM COPY CENTER (Continued) 1000519834

corrective action activities required under RCRA.

TRM COPY CENTER (Continued) 1000519884

HAZNET:
Gepaid: CAD983659079
Contact: TRM CORPORATION
Telephone: 8008778762
Facility Addr: Not reported
Mailing Name: Not reported
Mailing Address: 5208 NE 122ND AVENUE
Mailing City,St,Zip: PORTLAND, OR 972304900
Gen County: Orange
TSD EPA ID: CAT1000613927
Waste Category: San Bernardino
Disposal Method: Liquids with halogenated organic compounds > 1000 mg/l
Tons: .2709
Facility County: Orange

Gepaid: CAD983659079
Contact: TRM CORPORATION
Telephone: 8008778762
Facility Addr: Not reported
Mailing Name: Not reported
Mailing Address: 5208 NE 122ND AVENUE
Mailing City,St,Zip: PORTLAND, OR 972304900
Gen County: Orange
TSD EPA ID: CAT1000613927
Waste Category: San Bernardino
Disposal Method: Liquids with halogenated organic compounds > 1000 mg/l
Tons: .7087
Facility County: Orange

Gepaid: CAD983659079
Contact: TRM CORPORATION
Telephone: 8008778762
Facility Addr: Not reported
Mailing Name: Not reported
Mailing Address: 5208 NE 122ND AVENUE
Mailing City,St,Zip: PORTLAND, OR 972304900
Gen County: Orange
TSD EPA ID: CAT1000613927
Waste Category: San Bernardino
Disposal Method: Liquids with halogenated organic compounds > 1000 mg/l
Tons: 1.3049
Facility County: Orange

Gepaid: CAD983659079
Contact: TRM CORPORATION
Telephone: 8008778762
Facility Addr: Not reported
Mailing Name: Not reported
Mailing Address: 5208 NE 122ND AVENUE
Mailing City,St,Zip: PORTLAND, OR 972304900
Gen County: Orange

TSD EPA ID: CAD008302903
TSD County: Los Angeles
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
Disposal Method: Recycler
Tons: 1.3674
Facility County: Orange
Gepaid: CAD983659079
Contact: TRM CORPORATION
Telephone: 8008778762
Facility Addr: Not reported
Mailing Name: Not reported
Mailing Address: 5208 NE 122ND AVENUE
Mailing City,St,Zip: PORTLAND, OR 972304900
Gen County: Orange
TSD EPA ID: CAT0000613927
Waste Category: San Bernardino
Disposal Method: Liquids with halogenated organic compounds > 1000 mg/l
Tons: .2668
Facility County: Orange

Click [this hyperlink](#) while viewing on your computer to access 2 additional CA_HAZNET record(s) in the EDR Site Report.

32 West
< 1/8
0.092 mi.
484 ft.

RCRA-SQG 1001023169
FINDS CAR000006272
HAZNET

Relative: Lower
Actual: 942 ft.

RCRA-SQG: Date form received by agency: 05/10/2000
Facility name: BREAKER TECH LTD
Facility address: 3464 DURAHART ST RIVERSIDE, CA 92507
EPA ID: CAR000005272
Contact: DANIEL CROW
Contact address: 3464 DURAHART ST RIVERSIDE, CA 92507
Contact country: US
Contact telephone: (909) 369-0878
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1,000 kg of hazardous waste during any calendar month and accumulates less than 6,000 kg of hazardous waste at any time, or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1,000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: BREAKER TECH LTD
Owner/operator address: 3464 DURAHART ST RIVERSIDE, CA 92507
Owner/operator country: Not reported
Owner/operator telephone: (909) 369-0878

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

Site

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

Site

BREAKER TECH LTD (Continued)

1001023169

BREAKER TECH LTD (Continued)

1001023169

Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported
Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

HAZNET:
Gepaid: CAR000005272
Contact: BRAD FORREST
Telephone: 5195992015
Facility Addr: Not reported
Mailing Name: ENV/MGR
Mailing Address: 3463 DURAHART ST
Mailing City/SLZip: RIVERSIDE, CA 925070000
Gen County: Riverside
TSD EPA ID: TXD07760371
TSD County: 99
Waste Category: Unspecified oil-containing waste
Disposal Method: H061
Tons: 0.225
Facility County: Riverside

Gepaid: CAR000005272
Contact: BRAD FORREST
Telephone: 5195992015
Facility Addr: Not reported
Mailing Name: Not reported
Mailing Address: 3464 DURAHART ST
Mailing City/SLZip: RIVERSIDE, CA 925073451
Gen County: Riverside
TSD EPA ID: CAT000613927
TSD County: San Bernardino
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Tons: 1.05
Facility County: Riverside

Waste code: D009
Waste name: TETRACHLOROETHYLENE
Violation Status: No violations found
FINDS:
Registry ID: 110002907711
Environmental Interest/Information System
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART)
provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Gepaid: CAR000005272
Contact: TELEDYNE SPECIALTIES EQUIP
Telephone: 9093690878
Facility Addr: Not reported
Mailing Name: Not reported
Mailing Address: 3464 DURAHART ST
Mailing City/SLZip: RIVERSIDE, CA 925073451
Gen County: Riverside
TSD EPA ID: CAD00008252
TSD County: Los Angeles
Waste Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Tons: .293
Facility County: Riverside

Gepaid: CAR000005272
Contact: TELEDYNE SPECIALTIES EQUIP
Telephone: 9093690878
Facility Addr: Not reported
Mailing Name: Not reported
Mailing Address: 3464 DURAHART ST
Mailing City/SLZip: RIVERSIDE, CA 925073451
Gen County: Riverside
TSD EPA ID: CAT000613927
TSD County: San Bernardino
Waste Category: Aqueous solution with less than 10% total organic residues

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

Site

Database(s)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BREAKER TECH LTD (Continued)

1001023169

CONTINENTAL BAKING COMPANY (Continued)

S102428307

Disposal Method: Transfer Station
Tons: 2.2518
Facility County: Riverside

Genaid: CAR000005272
Contact: BRAD FORREST
Telephone: 5195992015
Facility Address: Not reported
Mailing Name: Not reported
Mailing Address: 3464 DURAHART ST
Mailing City, St, Zip: RIVERSIDE, CA 925073451
Gen County: Riverside
TSD EPA ID: Not reported
TSD County: San Bernardino
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Tons: 4.57
Facility County: Not reported

Click this [hyperlink](#) while viewing on your computer to access 8 additional CA_HAZNET record(s) in the EDR Site Report.

CONTINENTAL BAKING COMPANY

LUST S102428307

F33
West
< 1/8
0.113 mi.
595 ft.
Relative:
Lower
Actual:
935 ft.

1781 3RD ST
RIVERSIDE, CA 92507
Site 5 of 9 in cluster F

LUST:
Region: STATE
Global Id: T0606500127
Latitude: 33.9793165
Longitude: -117.339662
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1989-07-17 00:00:00
Lead Agency: RIVERSIDE COUNTY LOP
Case Worker: SCB
Local Agency: RIVERSIDE COUNTY LOP
RB Case Number: 083301225T
LOC Case Number: 89303
File Location: Local Agency Warehouse
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST REG 8:

Region: 8
County: Riverside
Regional Board: Santa Ana Region
Facility Status: Remedial action (Cleanup) Underway
Case Number: 083301225T
Local Case Num: 89303
Case Type: Soil only
Substance: Gasoline
Qty Leaked: Not reported
Abate Method: Not reported

F34

West
< 1/8
0.113 mi.
595 ft.

Relative:
Lower
Actual:
935 ft.

CONTINENTAL BAKING CO
1781 THIRD ST
RIVERSIDE, CA 92507
Site 6 of 9 in cluster F

CORTESE:
Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 083303039T

CONTINENTAL BAKING CO

U001967470

HIST CORTESE
LUST
CA FID LUST
SWEEPS LUST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONTINENTAL BAKING CO (Continued)

RIVERSIDE CO. LUST:
Region: RIVERSIDE
Facility ID: 89303
Site Closed: Yes
Date Closed: 7/17/1989
Case Type: Soil only
Site Number: RC6592769

CA FID UST:
Facility ID: 33000716
Regulated By: UTKNA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7146839618
Mail To: Not reported
Mailing Address: 6007 ST ANDREWS PL
Mailing Address 2: Not reported
Mailing City, St, Zip: RIVERSIDE 92507
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:

Status: A
Comp Number: 11458
Number: 1
Board Of Equalization: Not reported
Ref Date: 10-28-92
Act Date: 10-28-92
Created Date: 08-01-89
Tank Status: A
Owner Tank Id: 000355
Swrcb Tank Id: 33-000-011458-000001
Actv Date: 10-28-92
Capacity: 12000
Tank Use: M.V. FUEL
Sig: P
Content: DIESEL
Number Of Tanks: 1

F35 HOSTESS/INTERSTATE BRANDS CORP

West
1781 3RD ST
RIVERSIDE, CA 92507

0.113 mi.
595 ft. Site 7 of 9 in cluster F

LUST:

Region: STATE
Global Id: T0606500501
Latitude: 33.983237
Longitude: -117.350577

LUST S100179018
Notify 65 N/A

HOSTESS/INTERSTATE BRANDS CORP (Continued)

Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1987-10-23 00:00:00
Lead Agency: RIVERSIDE COUNTY LOP
Case Worker: SCB
Local Agency: RIVERSIDE COUNTY LOP
RB Case Number: 083303039T
LOC Case Number: 970767
File Location: Local Agency Warehouse
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST REG 8:

Region: 8 Riverside
County: Santa Ana Region
Regional Board: Case Closed
Facility Status: 083303039T
Case Number: 970767
Local Case Num: Soil only
Case Type: Diesel
Substance: Not reported
Qty Leaked: Not reported
Abate Method: Not reported
Cross Street: Not reported
Enf Type: CLOS
Funding: Not reported
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global ID: T0606500501
Enter Date: 8/29/1997
How Stopped Date: 7/22/1997
Review Date: 7/22/1997
Prelim Assess: Not reported
Discover Date: 7/22/1997
Enforcement Date: Not reported
Workplan: 10/23/1997
Close Date: 8/6/1997
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Enter Date: 8/29/1997
GW Qualifies: Not reported
Soil Qualifies: Not reported
Operator: Not reported
Facility Contact: Not reported
Interim: Not reported
Oversite Program: LUST
Latitude: 33.983237
Longitude: -117.350577
MTBE Date: Not reported
Max MTBE GW: Not reported
MTBE Concentration: 2
Max MTBE Soil: Not reported

U001967470

S100179018

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site
Elevation
Distance
Direction
Map ID

Database(s)
EPA ID Number
EDR ID Number

HOSTESS/INTERSTATE BRANDS CORP (Continued)

S100729018

1004676166

MTBE Fuel: 0
MTBE Class: * MTBE Detected. Site tested for MTBE & MTBE detected
Staff:
Staff Initials: NOM
Local Agency: UNK
Local Agency: UNK
Local Agency: UNK
Local Agency: UNK
Hydr Basin #: 33000L
Beneficial: UPPER SANTA ANA VALL
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: Not reported

Notify 65:
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 90040

F36
West
< 1/8
0.113 mi.
595 ft.

Relative:
Lower

Actual:
935 ft.

RCRA-SQG 1004676166
FINDS CAR000081745
HAZNET

INTERSTATE BRAND
1781 3RD ST
RIVERSIDE, CA 92507

Site 8 of 9 in cluster F

RCRA-SQG:
Date form received by agency: 09/01/2000
Facility name: INTERSTATE BRAND
Facility address: 1781 3RD ST
RIVERSIDE, CA 92507
EPA ID: CAR000081745
Contact: TONY KOSALKA
Contact address: 1781 3RD ST
RIVERSIDE, CA 92507
Contact country: US
Contact telephone: (909) 685-9618
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler; generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: INTERSTATE BRAND
Owner/operator address: 1781 3RD ST
RIVERSIDE, CA 92507
Owner/operator country: Not reported
Owner/operator telephone: (909) 685-9618
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site
Elevation
Distance
Direction
Map ID

Database(s)
EPA ID Number
EDR ID Number

INTERSTATE BRAND (Continued)

Owner/Op end date: Not reported

Hazardous Waste Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Hazardous Waste Summary:
Waste code: D039
Waste name: TETRACHLOROETHYLENE
Violation Status: No violations found
FINDS:

Registry ID: 110012184475

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:
Gepaid: CAR000081745
Contact: D GRAVES WEST DIV ENVIRON
Telephone: 3108335251
Facility Address: Not reported
Mailing Name: Not reported
Mailing Address: 1701 NORTH GAFFEY STREET
Mailing City, St, Zip: SAN PEDRO, CA 907311274
Gen County: Riverside
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Unspecified aqueous solution

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site
Elevation
Distance
Direction
Map ID

EDR ID Number
EPA ID Number
Database(s)

1000519223

JOYTECH INTERNATIONAL INC (Continued)
waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time, or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: JOYTECH INTERNATIONAL INC
Owner/operator address: 3421 GATO CT RIVERSIDE, CA 92507
Owner/operator country: Not reported
Owner/operator telephone: (714) 369-5889
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Violation Status: No violations found

FINDS: 110002887029

Registry ID: 110002887029

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:
Gepaid: CAD983651951
Contact: UNDELIVERABLE PER VF97 AH
Telephone: 9096895889
Facility Addr: Not reported
Mailing Name: Not reported
Mailing Address: 3421 GATO CT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site
Elevation
Distance
Direction
Map ID

EDR ID Number
EPA ID Number
Database(s)

1004676166

INTERSTATE BRAND (Continued)
Disposal Method: Recycler
Tons: 0.62
Facility County: Not reported

Gepaid: CAR000081745
Contact: D GRAVES WEST DIV ENVIRON
Telephone: 3108335251
Facility Addr: Not reported
Mailing Name: Not reported
Mailing Address: 1701 NORTH GAFFEY STREET
Mailing City, St, Zip: SAN PEDRO, CA 907311274
Gen County: Riverside
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Oil/water separation sludge
Disposal Method: Recycler
Tons: 3.86
Facility County: Not reported

LUST S103821077
N/A

INTERSTATE BRANDS CORP (HOSTESS)

1781 THIRD ST
RIVERSIDE, CA

Site 9 of 9 in cluster F

RIVERSIDE CO. LUST:
Region: RIVERSIDE
Facility ID: 970767
Site Closed: Yes
Date Closed: 10/23/1997
Case Type: Soil only
Site Number: RO6600305

RCRA-SQG 1000819223
FINDS CAD983651951
HAZNET

JOYTECH INTERNATIONAL INC
3421 GATO CT
RIVERSIDE, CA 92507

RCRA-SQG:
Date form received by agency: 11/05/1992
Facility name: JOYTECH INTERNATIONAL INC
Facility address: 3421 GATO CT RIVERSIDE, CA 92507
EPA ID: CAD983651951
Mailing address: GATO CT
Contact: BRIAN D JONES
Contact address: 3421 GATO CT RIVERSIDE, CA 92507
Contact country: US
Contact telephone: (714) 369-5889
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site
Elevation
Distance
Direction
Map ID

EDR ID Number
EPA ID Number
Database(s)

1004676166

INTERSTATE BRAND (Continued)
Disposal Method: Recycler
Tons: 0.62
Facility County: Not reported

Gepaid: CAR000081745
Contact: D GRAVES WEST DIV ENVIRON
Telephone: 3108335251
Facility Addr: Not reported
Mailing Name: Not reported
Mailing Address: 1701 NORTH GAFFEY STREET
Mailing City, St, Zip: SAN PEDRO, CA 907311274
Gen County: Riverside
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Oil/water separation sludge
Disposal Method: Recycler
Tons: 3.86
Facility County: Not reported

LUST S103821077
N/A

INTERSTATE BRANDS CORP (HOSTESS)

1781 THIRD ST
RIVERSIDE, CA

Site 9 of 9 in cluster F

RIVERSIDE CO. LUST:
Region: RIVERSIDE
Facility ID: 970767
Site Closed: Yes
Date Closed: 10/23/1997
Case Type: Soil only
Site Number: RO6600305

RCRA-SQG 1000819223
FINDS CAD983651951
HAZNET

JOYTECH INTERNATIONAL INC
3421 GATO CT
RIVERSIDE, CA 92507

RCRA-SQG:
Date form received by agency: 11/05/1992
Facility name: JOYTECH INTERNATIONAL INC
Facility address: 3421 GATO CT RIVERSIDE, CA 92507
EPA ID: CAD983651951
Mailing address: GATO CT
Contact: BRIAN D JONES
Contact address: 3421 GATO CT RIVERSIDE, CA 92507
Contact country: US
Contact telephone: (714) 369-5889
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

Site

Database(s)

EDR ID Number
EPA ID Number

JOYTECH INTERNATIONAL, INC (Continued)

1000819223

CADDOCK ELECTRONICS, INC (Continued)

1000190733

Mailing City, St/Zip: RIVERSIDE, CA 925076800
Gen County: Riverside
TSD EPA ID: CAD028409019
Waste Category: Los Angeles
Disposal Method: Unspecified solvent mixture Waste Transfer Station
Tons: 0.22
Facility County: Not reported

Owner/Op end date: Not reported
Handler Activities Summary:
U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

CADDOCK ELECTRONICS, INC

RCRA-SQG
FINDS
HAZNET

139
North
< 1/8
0.122 mi.
642 ft.

1000190733
CAD981375280

RCRA-SQG:

Date form received by agency: 09/01/1986
Facility name: CADDOCK ELECTRONICS, INC
Facility address: 3127 CHICAGO AVE
RIVERSIDE, CA 92507

EPA ID: CAD981375280

Mailing address: 1717 CHICAGO AVE
RIVERSIDE, CA 92507

Contact: Not reported

Contact address: Not reported

Contact country: Not reported

Contact telephone: Not reported

Contact email: Not reported

EPA Region: 09

Land type: Small Small Quantity Generator

Description: Facility is not located on Indian land. Additional information is not known.
Handler: Generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time, or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED, ME 99999

Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private

Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: CADDOCK ELECTRONICS, INC
Owner/operator address: NOT REQUIRED

Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private

Owner/Operator Type: Owner
Owner/Op start date: Not reported

Environmental Interests/Information System
The NET (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

CADDOCK ELECTRONICS, INC (Continued)

1000190733

CADDOCK ELECTRONICS, INC (Continued)

1000190733

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:
Gepaid: CAD981375280
Contact: RICHARD E CADDOCK
Telephone: 90977881700
Facility Addr: Not reported
Mailing Name: Not reported
Mailing Address: 1717 CHICAGO AVE
Mailing City,St,Zip: RIVERSIDE, CA 925072208
Gen County: Riverside
TSD EPA ID: CAD008302903
TSD Category: Los Angeles
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Recycler
Tons: .2085
Facility County: Riverside

Gepaid: CAD981375280
Contact: RICHARD E CADDOCK
Telephone: 90977881700
Facility Addr: Not reported
Mailing Name: Not reported
Mailing Address: 1717 CHICAGO AVE
Mailing City,St,Zip: RIVERSIDE, CA 925072208
Gen County: Riverside
TSD EPA ID: CAD008302903
TSD Category: Los Angeles
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Tons: .3861
Facility County: Riverside

Gepaid: CAD981375280
Contact: RICHARD E CADDOCK
Telephone: 90977881700
Facility Addr: Not reported
Mailing Name: Not reported
Mailing Address: 1717 CHICAGO AVE
Mailing City,St,Zip: RIVERSIDE, CA 925072208
Gen County: Riverside
TSD EPA ID: CAD008302903
TSD Category: Los Angeles
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Tons: .2085
Facility County: Riverside

Gepaid: CAD981375280
Contact: WESLEY J MCCracken/DIRECTOR
Telephone: 90977881700
Facility Addr: Not reported
Mailing Name: Not reported
Mailing Address: 1717 CHICAGO AVE

Mailing City,St,Zip: RIVERSIDE, CA 925072208
Gen County: Riverside
TSD EPA ID: CAD008302903
TSD Category: Riverside
Waste Category: Other inorganic solid waste
Disposal Method: Transfer Station
Tons: 1.5
Facility County: Riverside
Gepaid: CAD981375280
Contact: WESLEY J MCCracken/DIRECTOR
Telephone: 90977881700
Facility Addr: Not reported
Mailing Name: Not reported
Mailing Address: 1717 CHICAGO AVE
Mailing City,St,Zip: RIVERSIDE, CA 925072208
Gen County: Riverside
TSD EPA ID: CAD008302903
TSD Category: Riverside
Waste Category: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
Disposal Method: Transfer Station
Tons: 0.14
Facility County: Riverside

Click this hyperlink while viewing on your computer to access 26 additional CA_HAZNET record(s) in the EDR Site Report.

Map ID
Direction
Distance
Elevation

CADDOCK ELECTRONICS INC

3127 CHICAGO AVE
RIVERSIDE, CA 92507

CA FID UST S/01590005
SWEEPS UST NA
EMI

Site 2 of 3 in cluster 1

CA FID UST: 33002245
Facility ID: UTKNA
Regulated By: Not reported
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 71477881700
Mail To: Not reported
Mailing Address: 3127 CHICAGO AVE
Mailing City,St,Zip: RIVERSIDE 92507
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

Relative: Lower
Actual: 930 ft.

SWEEPS UST: A
Status: 35
Comp Number: 35
Number: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

CADDOCK ELECTRONICS INC (Continued)

\$101590005

\$101590005

Board Of Equalization: 44-017809
 Ref Date: 10-27-92
 Act Date: 10-27-92
 Created Date: 09-27-88
 Tank Status: A
 Owner Tank Id: 000227
 Swrcb Tank Id: 33-000-000035-000001
 Capacity: 2000
 Tank Use: M.V. FUEL
 Sig: P
 Content: REG UNLEADED
 Number Of Tanks: 5

Status: A
 Comp Number: 35
 Number: 1
 Board Of Equalization: 44-017809
 Ref Date: 10-27-92
 Act Date: 10-27-92
 Created Date: 09-27-88
 Tank Status: A
 Owner Tank Id: 000227
 Swrcb Tank Id: 33-000-000035-000002
 Capacity: 2000
 Tank Use: M.V. FUEL
 Sig: P
 Content: DIESEL
 Number Of Tanks: Not reported

Status: A
 Comp Number: 35
 Number: 1
 Board Of Equalization: 44-017809
 Ref Date: 10-27-92
 Act Date: 10-27-92
 Created Date: 09-27-88
 Tank Status: A
 Owner Tank Id: 000227
 Swrcb Tank Id: 33-000-000035-000003
 Capacity: 8000
 Tank Use: M.V. FUEL
 Sig: P
 Content: DIESEL
 Number Of Tanks: Not reported

Status: A
 Comp Number: 35
 Number: 1
 Board Of Equalization: 44-017809
 Ref Date: 10-27-92
 Act Date: 10-27-92
 Created Date: 09-27-88
 Tank Status: A
 Owner Tank Id: 000227

CADDOCK ELECTRONICS INC (Continued)

Swrcb Tank Id: 33-000-000035-000004
 Act Date: 10-27-92
 Capacity: 2000
 Tank Use: M.V. FUEL
 Sig: P
 Content: REG UNLEADED
 Number Of Tanks: Not reported

Status: A
 Comp Number: 35
 Number: 1
 Board Of Equalization: 44-017809
 Ref Date: 10-27-92
 Act Date: 10-27-92
 Created Date: 09-27-88
 Tank Status: A
 Owner Tank Id: 000227
 Swrcb Tank Id: 33-000-000035-000005
 Capacity: 4000
 Tank Use: M.V. FUEL
 Sig: P
 Content: REG UNLEADED
 Number Of Tanks: Not reported

EMI:
 Year: 2002
 County Code: 33
 Air Basin: SC
 Facility ID: 27701
 Air District Name: SC
 SIC Code: 3676
 Air District Name: SOUTH COAST AQMD
 Community Health Air Pollution Info System: N
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 1
 Reactive Organic Gases Tons/Yr: 1
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2003
 County Code: 33
 Air Basin: SC
 Facility ID: 27701
 Air District Name: SC
 SIC Code: 3676
 Air District Name: SOUTH COAST AQMD
 Community Health Air Pollution Info System: N
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 1
 Reactive Organic Gases Tons/Yr: 1
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0

Map ID
Direction
Distance
Elevation

Site

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

Map ID
Direction
Distance
Elevation

Site

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

CADDOCK ELECTRONICS INC (Continued)

Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0
Year: 2004
County Code: 33
Air Basin: SC
Facility ID: 27701
Air District Name: SC
SIC Code: 3676
SOUTH COAST AQMD
Air District Name: N
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: 0.7207
Total Organic Hydrocarbon Gases Tons/Yr: 0.00262
Reactive Organic Gases Tons/Yr: 0.00975
Carbon Monoxide Emissions Tons/Yr: 0.000623
NOX - Oxides of Nitrogen Tons/Yr: 0.000562
SOX - Oxides of Sulphur Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0
Year: 2005
County Code: 33
Air Basin: SC
Facility ID: 27701
Air District Name: SC
SIC Code: 3676
SOUTH COAST AQMD
Air District Name: N
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: 412245
Total Organic Hydrocarbon Gases Tons/Yr: 39524753
Reactive Organic Gases Tons/Yr: 00192
Carbon Monoxide Emissions Tons/Yr: 00715
NOX - Oxides of Nitrogen Tons/Yr: 00003
SOX - Oxides of Sulphur Tons/Yr: 00043
Particulate Matter Tons/Yr: 0003895
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0003895

J41
East
1/8-1/4
0.126 mi.
966 ft.
Relative:
Higher
Actual:
966 ft.

76 STATION #5856

1395 BLAINE
RIVERSIDE, CA
Region: RIVERSIDE
Facility ID: 200824964
Site Closed: Not Closed
Date Closed: Not reported
Case Type: Soil only
Site Number: RC6800596

Site 1 of 11 in cluster J

RIVERSIDE CO. LUST

LUST S109280381
N/A

S101590005

J42
East
1/8-1/4
0.130 mi.
684 ft.
Relative:
Higher
Actual:
967 ft.

UNION OIL SERVICE STATION #585

1395 W BLAINE ST
RIVERSIDE, CA 92507
Site 2 of 11 in cluster J
HIST UST:
Region: STATE
Facility ID: 00000055210
Gas Station
Other Type: Not reported
Total Tanks: 0003
Contact Name: RONALD D HUGHES
Telephone: 7146829863
Owner Name: UNION OIL COMPANY OF CALIFORNI
Owner Address: 123 CAMINO DELA REINA
Owner City, St, Zip: SAN DIEGO, CA 92108
Tank Num: 001
Container Num: 1
Year Installed: 1967
Tank Capacity: 00000280
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Leak Detection: Not reported
None
Tank Num: 002
Container Num: 2
Year Installed: 1967
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Leak Detection: Not reported
Stock Inventor, 10
Tank Num: 003
Container Num: 3
Year Installed: 1967
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Leak Detection: Not reported
Stock Inventor, 10

HIST UST

U001576554
N/A

J43
East
1/8-1/4
0.130 mi.
684 ft.
Relative:
Higher
Actual:
967 ft.

UNOCAL SS #5856

1395 BLAINE ST
RIVERSIDE, CA 92507
Site 3 of 11 in cluster J
CA FID UST:
Facility ID: 32004911
Regulated By: LTNKA
Regulated ID: 00055210
Conecse Code: Not reported
SIC Code: 7146829863
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 17700 CASTLETON ST

CA FID UST S101631156
SWEEPS UST
HAZNET

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNOCAL SS #5856 (Continued)

\$101631156

\$101631156

Mailing Address 2: Not reported
Mailing City, St, Zip: RIVERSIDE 92507
Contact: Not reported
Contact Phone: Not reported
DUNES Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

Tank Use: OIL
Sig: W
Content: WASTE OIL
Number Of Tanks: Not reported

SWEEPS UST:
Status: A
Comp Number: 552-10
Number: 44-001057
Board Of Equalization: 03-22-94
Ref Date: 05-24-94
Act Date: 02-29-88
Created Date:
Tank Status: A
Owner Tank Id: 5856-11
Swrcb Tank Id: 33-000-055210-000001
Actv Date: 04-04-94
Capacity: 12000
Tank Use: M.V. FUEL
Sig: P
Content: REG UNLEADED
Number Of Tanks: 3

HAZNET:
Genaid: CAL000135606
Contact: HAZMAT SPECIALIST
Telephone: 6027284180
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 52085
Mailing City, St, Zip: PHOENIX, AZ 850722085
Gen county: Riverside
TSD EPA ID: CAD028409019
Waste Category: Riverside
Disposal Method: Aqueous solution with less than 10% total organic residues
Tons: Treatment, Tank
0.06
Facility County: Riverside

UNOCAL SS #5856 (Continued)

\$101631156

J44
East
1/8-1/4
0.130 mi.
684 ft.

Relative:
Higher

TOSCO CORPORATION SS# 31001
1395 BLAINE ST
RIVERSIDE, CA 92507
Site 4 of 11 in cluster J

UST
U003942301
NA

Status: A
Comp Number: 552-10
Number: 44-001057
Board Of Equalization: 03-22-94
Ref Date: 05-24-94
Act Date: 02-29-88
Created Date:
Tank Status: A
Owner Tank Id: 5856-22
Swrcb Tank Id: 33-000-055210-000002
Actv Date: 04-04-94
Capacity: 12000
Tank Use: M.V. FUEL
Sig: P
Content: PRM UNLEADED
Number Of Tanks: Not reported

Global ID: 14100
Latitude: 33.983060000000002
Longitude: -117.34204

Relative:
Higher

STATION #5856
1395 W BLAINE ST
RIVERSIDE, CA 92507
Site 5 of 11 in cluster J

HIST UST
U001576547
NA

Status: A
Comp Number: 552-10
Number: 44-001057
Board Of Equalization: 03-22-94
Ref Date: 05-24-94
Act Date: 02-29-88
Created Date:
Tank Status: A
Owner Tank Id: 5856-34
Swrcb Tank Id: 33-000-055210-000003
Actv Date: 04-04-94
Capacity: 500

Region: STATE
Facility ID: 00000049229
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0001
Contact Name: ROBERT L GRIM
Telephone: 7146829963
Owner Name: UNION OIL COMPANY OF CALIFORNI
Owner Address: 1450 FRAZEE ROAD
Owner City, St, Zip: SAN DIEGO, CA 92108
Tank Num: 001
Container Num: 5856-00
Year Installed: 1987
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: UNLEADED

Map ID
Direction
Distance
Elevation



Map ID
Direction
Distance
Elevation



Site
EDR ID Number
EPA ID Number
Database(s)

Site
EDR ID Number
EPA ID Number
Database(s)

STATION #5856 (Continued)

U001576547

J46
East
1/8-1/4
0.130 mi.
684 ft.
Relative:
Higher
Actual:
967 ft.

CA FID UST
S101631143
SLIC
SWEEPS UST

Tank Construction: 6 inches
Leak Detection: Visual

J47
East
1/8-1/4
0.130 mi.
684 ft.
Relative:
Higher
Actual:
967 ft.

U004128532
N/A

J48
North
1/8-1/4
0.172 mi.
907 ft.
Relative:
Lower
Actual:
928 ft.

CA FID UST
S101631143
SLIC
SWEEPS UST

Blaine 76
1395 W BLAINE ST
RIVERSIDE, CA 92507
Site 6 of 11 in cluster J
RIVERSIDE CO. UST:
Region: RIVERSIDE
Total Tanks: 3

76 STATION 5856
1395 BLAINE STREET
RIVERSIDE, CA 92507
Site 7 of 11 in cluster J
LUST:
Region:
Global Id:
Latitude:
Longitude:
Case Type:
Status Date:
Case Worker:
Local Agency:
RB Case Number:
LOC Case Number:
File Location:
Potential Media Affect:
Soil
Site History:

U004128532
N/A

MC SPI INC
3035 CHICAGO AVE
RIVERSIDE, CA 92507
Site 3 of 3 in cluster I
CA FID UST:
Facility ID:
Regulated By:
Regulated ID:
Cortese Code:
SIC Code:
Facility Phone:
Mail To:
Mailing Address:
Mailing City, St, Zip:
Contact:
Contact Phone:
DUNS Number:
NPDES Number:
EPA ID:
Comments:
Status:

CA FID UST
S101631143
SLIC
SWEEPS UST

76 STATION 5856
1395 BLAINE STREET
RIVERSIDE, CA 92507
Site 7 of 11 in cluster J
LUST:
Region:
Global Id:
Latitude:
Longitude:
Case Type:
Status Date:
Case Worker:
Local Agency:
RB Case Number:
LOC Case Number:
File Location:
Potential Media Affect:
Soil
Site History:

S109117531
N/A

MC SPI INC
3035 CHICAGO AVE
RIVERSIDE, CA 92507
Site 3 of 3 in cluster I
CA FID UST:
Facility ID:
Regulated By:
Regulated ID:
Cortese Code:
SIC Code:
Facility Phone:
Mail To:
Mailing Address:
Mailing City, St, Zip:
Contact:
Contact Phone:
DUNS Number:
NPDES Number:
EPA ID:
Comments:
Status:

CA FID UST
S101631143
SLIC
SWEEPS UST

The first case opened in November 1989 when hydrocarbon impacts were observed during the removal of two 10,000 gallon gasoling USTs and one waste-oil UST. The case closure letter was issued on May 7, 1990. The current case was opened in June 2008 based on a baseline due diligence site assessment from September 2007. Site assessment was conducted in March and April 2009. Soil borings B-7 and B-8 were advanced. B-7 was advanced to 70 ft bgs and B-8 was advanced to 81.5 ft bgs. Feasibility testing workplan approved by RCDEH in January 2010.

Waste Oil / Motor / Hydraulic / Lubricating
Not reported

SWEEPS UST:

Status: A
Comp Number: 35681
Number: 1
Board Of Equalization: 44-018197
Ref Date: 11-17-92
Act Date: 11-17-92
Created Date: 08-29-89
Tank Status: A
Owner Tank Id: 001669
Swrcb Tank Id: 33-000-035691-000001
Actv Date: 11-17-92
Capacity: 1000
Tank Use: M.V. FUEL
Sig: P

SLIC:

Region: STATE
Facility Status: Completed - Case Closed
Status Date: Not reported
Global Id: T0606567788
Lead Agency: RIVERSIDE COUNTY
22242
Lead Agency Case Number: 33.985543999999997
Latitude: -117.348905
Longitude: -117.348905
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: RIVERSIDE COUNTY LOP
RB Case Number: Not reported
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site EDR ID Number Database(s) EPA ID Number

Site EDR ID Number Database(s) EPA ID Number

MC SPI INC (Continued)

S101631143

MOBIL #18-D9M (Continued)

S101589902

Content: LEADED
Number Of Tanks: 2
Status: A
Comp Number: 35691
Number: 1
Board Of Equalization: 44-018197
Ref Date: 11-17-92
Act Date: 11-17-92
Created Date: 08-29-89
Tank Status: A
Owner Tank Id: 001669
Swrcb Tank Id: 33-000-035691-000002
Capacity: 5000
Tank Use: M.V. FUEL
Sig: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Local Agency Warehouse
Soil
Gasoline

December 1997: A subsurface investigation was conducted by Mobil for property transfer purposes. Eleven soil borings (B1 through B11) were drilled to depths of 15 to 41 ft bgs. MTBE was detected in several borings with maximum concentrations of 28 ppm in B2-15. The site was placed into the Local Oversight Program. Assessment: Between December 1997 and October 2008, 30 borings were advanced to assess the lateral and vertical extent of petroleum hydrocarbons in soils beneath the site. Soils containing petroleum hydrocarbons and oxygenates were predominantly located in the vicinity of the gasoline UST's and eastern dispensers at depths between 10 ft and 35 ft bgs. Concentrations of TPHg were reported above laboratory detection limits in seven borings and ranged from 0.58 ppm to 7.51 ppm. Benzene was reported in three samples at concentrations ranging from 0.23J ppb to 25 ppb. Toluene was reported in three borings at concentrations ranging from 12 ppb to 17 ppb. Ethylbenzene was reported in two of the borings at concentrations ranging from 6 ppb to 38 ppb. Total xylenes were reported in three samples at concentrations ranging from 16 ppb to 190 ppb. Concentrations of MTBE were detected in 14 borings and ranged from 2 ppb to 28,000 ppb. Concentrations of TBA were reported in six borings ranging from 46 ppb to 540 ppb. Remediation/Verification: Soil remediation has been conducted at the site over a series of seven SVE events from 1999 through 2008 using a combination of the following SVE wells: TPB-1, VEW-1, VEW-2, VEW-3, VEW-4, VEW-5. The seven SVE events operated for a combined total of approx. 10,751 hours and approx. 1,456 lbs TPHg and 137.3 lbs of MTBE were extracted and treated. Confirmation: March through May 2008: SVE rebound test performed utilizing all 5 SVE wells. The SVE system operated for approx. 955 hours and removed approx. 3.13 lbs of VOChex and <1 lb of MTBE. October 2008: Seven confirmation borings drilled and sampled (CB8 through CB14) to assess the effectiveness of remediation conducted at the site. Each boring was advanced to approx. 50 ft bgs. Maximum soil concentrations were: ND TPHg, 0.40J B (CS10-10), ND T, E, X, MTBE, DIPE, ETBE, TBA. Several J values of VOC's detected. No Further Action letter issued March 2010

File Location:
Potential Media Affect:
Potential Contaminants of Concern:
Site History:

J49
East
1/8-1/4
0.178 mi.
938 ft.
Relative:
Higher
Actual:
974 ft.

UST U003784482
N/A

Local Agency Warehouse
Soil
Gasoline

J50
East
1/8-1/4
0.178 mi.
938 ft.
Relative:
Higher
Actual:
974 ft.

HIST CORTESE S101589902
LUST
CA FID UST
SWEEPS UST
N/A

Region: CORTESE
Facility/County Code: 33
Reg By: LTNKA
Reg Id: 083303149T

LUST REG 8:
Region:
County:
Regional Board:
Facility Status:
Case Number:
Local Case Num:

8
Riverside
Santa Ana Region
Preliminary site assessment workplan submitted
083303149T
980038
Soil only
Gasoline
Not reported
Not reported
60 FIVY
Not reported
Not reported
OM
How Discovered:
Leak Stopped:
Leak Cause:
Leak Source:

LUST:
Region: STATE
Global Id: T0606500520
Latitude: 33.9825844606371
Longitude: -117.34156039063
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 2010-03-18 00:00:00
Lead Agency: RIVERSIDE COUNTY LOP
Case Worker: YK
Local Agency: RIVERSIDE COUNTY LOP
RB Case Number: 083303149T
LOC Case Number: 980038

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EPA ID Number
EPA ID Number

Database(s)

MAP FINDINGS

Site

EPA ID Number
EPA ID Number

Database(s)

MOBIL #18-D9M (Continued)

S101589902

S101589902

Global ID: T0606500520
 How Stopped Date: 1/14/1998
 Enter Date: 4/1/1998
 Review Date: 1/14/1998
 Prelim Assess: Not reported
 Discover Date: 1/14/1998
 Enforcement Date: Not reported
 Close Date: Not reported
 Workplan: 4/6/1998
 Pollution Char: Not reported
 Remed Plan: Not reported
 Remed Acton: Not reported
 Monitoring: Not reported
 Enter Date: 4/1/1998
 GW Qualifies: Not reported
 Soil Qualifies: =
 Operator: Not reported
 Facility Contact: Not reported
 Interim: Not reported
 LUST
 Oversight Program: 33,983,1244
 Latitude: -117.3406271
 Longitude: Not reported
 Max MTBE GW: Not reported
 MTBE Concentration: 1
 Max MTBE Soil: 28
 MTBE Fuel: 1
 MTBE Tested: *
 MTBE Class: RS
 Staff: UNK
 Lead Agency: Local Agency
 Local Agency: 33000L
 Hydri Basin #: UPPER SANTA ANA VALL
 Beneficial: Not reported
 Priority: Not reported
 Cleanup Fund Id: Not reported
 Work Suspended: Not reported
 Summary: PRIMARILY MTBE DETECTED IN SOIL - 11 SOIL BORINGS DRILLED 12/97. MAX MTBE IN SOIL 28 PPM AT 1.5 FT.

CA FID UST:

Facility ID: 33000651
 Regulated By: UTKNA
 Regulated ID: 00039272
 Correse Code: Not reported
 SIC Code: Not reported
 Facility Phone: 7146838924
 Mail To: Not reported
 Mailing Address: 3225 GALLOWS RD
 Mailing Address 2: Not reported
 Mailing City/State/Zip: RIVERSIDE 92507
 Contact: Not reported
 Contact Phone: Not reported
 DUNS Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported

MOBIL #18-D9M (Continued)

S101589902

S101589902

Comments: Not reported
 Status: Active
 SWEEPS UST:
 Status: A
 Comp Number: 39272
 Number: 1
 Board Of Equalization: 44-000400
 Ref Date: 11-17-92
 Act Date: 11-17-92
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 000721
 Swrch Tank Id: 33-000-039272-000001
 Capacity: 10000
 Tank Use: M.V. FUEL
 Sig: P
 Content: REG UNLEADED
 Number Of Tanks: 4

Status: A
 Comp Number: 39272
 Number: 1
 Board Of Equalization: 44-000400
 Ref Date: 11-17-92
 Act Date: 11-17-92
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 000721
 Swrch Tank Id: 33-000-039272-000002
 Act Date: 11-17-92
 Capacity: 8000
 Tank Use: M.V. FUEL
 Sig: P
 Content: LEADED
 Number Of Tanks: Not reported

Status: A
 Comp Number: 39272
 Number: 1
 Board Of Equalization: 44-000400
 Ref Date: 11-17-92
 Act Date: 11-17-92
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 000721
 Swrch Tank Id: 33-000-039272-000003
 Capacity: 6000
 Tank Use: M.V. FUEL
 Sig: P
 Content: REG UNLEADED
 Number Of Tanks: Not reported
 Status: A
 Comp Number: 39272

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site	Database(s)	EDR ID Number	EPA ID Number	Site	Database(s)	EDR ID Number	EPA ID Number
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MOBIL #18-D9M (Continued)

S101589902

1000218322

Number: 1
 Board Of Equalization: 44-000400
 Ref Date: 11-17-92
 Act Date: 11-17-92
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 000721
 Swrcb Tank Id: 33-000-039272-000004
 Actv Date: 11-17-92
 Capacity: 550
 Tank Use: OIL
 Sig: W
 Content: WASTE OIL
 Number Of Tanks: Not reported

RIVERSIDE TRANSIT AGENCY (Continued)
 Not reported
 Contact country: Not reported
 Contact telephone: Not reported
 Contact email: Not reported
 EPA Region: 09
 Classification: Small Small Quantity Generator
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
 Owner/operator name: RIVERSIDE TRANSIT AGENCY
 Owner/operator address: 1825 SRD ST, RIVERSIDE, CA 92507
 Owner/operator country: Not reported
 Owner/operator telephone: (951) 684-0650
 Legal status: Other
 Owner: Owner
 Owner/Operator Type: Not reported
 Owner/Op start date: Not reported
 Owner/Op end date: Not reported

RIVERSIDE ULTRAMAR

UST U002095553

1000218322

1360 W BLAINE ST
 RIVERSIDE, CA 92507

Site 10 of 11 in cluster J
 Region: RIVERSIDE
 Total Tanks: 3

UST U002095553
 N/A

MOBIL #18-D9M

LUST S104970874

1000218322

1360 BLAINE ST
 RIVERSIDE, CA

Site 11 of 11 in cluster J
 Region: RIVERSIDE
 Facility ID: 960036
 Site Closed: Yes
 Date Closed: 3/18/2010
 Case Type: Soil only
 Site Number: RO6500520

LUST S104970874
 N/A

RIVERSIDE TRANSIT AGENCY

RCCA-SQG 1000218322

1000218322

1825 THIRD STREET
 RIVERSIDE, CA 92507

Site 1 of 2 in cluster K
 Region: RIVERSIDE
 Facility name: RIVERSIDE TRANSIT AGENCY
 Facility address: 1825 SRD ST, RIVERSIDE, CA 92507
 EPA ID: CAD981690274
 Contact: Not reported
 Contact address: Not reported

RCCA-SQG 1000218322
 FINDS CAD981690274
 CA WDS
 LUST
 UST
 HAZNET
 EMI

RIVERSIDE TRANSIT AGENCY

RIVERSIDE TRANSIT AGENCY

1000218322

1825 THIRD STREET
 RIVERSIDE, CA 92507

Site 1 of 2 in cluster K
 Region: RIVERSIDE
 Facility name: RIVERSIDE TRANSIT AGENCY
 Facility address: 1825 SRD ST, RIVERSIDE, CA 92507
 EPA ID: CAD981690274
 Contact: Not reported
 Contact address: Not reported

RIVERSIDE TRANSIT AGENCY
 RIVERSIDE TRANSIT AGENCY
 Small Quantity Generator

Date form received by agency: 09/01/1996
 Date form received by agency: 03/26/1996
 Date form received by agency: 02/13/1996
 Date form received by agency: 03/21/1994

Classification: Small Quantity Generator
 Classification: Large Quantity Generator
 Classification: Small Quantity Generator
 Classification: Small Quantity Generator

Verified to be non-commercial

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

Site

Database(s)

EDR ID Number
EPA ID Number

1000218322

RIVERSIDE TRANSIT AGENCY (Continued)

1000218322

Classification: Large Quantity Generator

Date form received by agency: 02/24/1992

Facility name: RIVERSIDE TRANSIT AGENCY
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110000887354

Environmental Interest/Information System

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CA WDS:

Facility ID:
Facility Type:

Santa Ana River, 331016286
Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board

Facility Status:

NPDES Number:
8

Subregion:

Facility Telephone: 9096840850

Facility Contact: Not reported

Agency Name: RIVERSIDE TRANSIT AGENCY

Agency Address: 1825 3rd St

Agency City/SLZip: Riverside 925073484

Agency Contact: ACCOUNTS PAYABLE

Agency Telephone: 9096840850

Agency Type: ?

SIC Code 1: 0

SIC Code 2: Not reported

Primary Waste: Not reported

Secondary Waste: Not reported

Secondary Waste Type: Not reported

Design Flow: 0

Baseline Flow: 0

Reclamation: Not reported

POTW: Not reported

Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All hurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.

Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

LUST:

Region: STATE

Global Id: T0606516063

Latitude: 33.983001

Longitude: -117.351588

Status: Completed - Case Closed

Lead Agency: RIVERSIDE COUNTY LOP

Case Worker: SCB

Local Agency: RIVERSIDE COUNTY LOP

RB Case Number: Not reported

LOC Case Number: 200522143

File Location: Local Agency Warehouse

Potential Media Affect: Soil

Potential Contaminants of Concern: Diesel

Site History: Not reported

Region: STATE

Global Id: T0606500559

Latitude: 33.9830465

Longitude: -117.3515786

Status: Completed - Case Closed

Lead Agency: RIVERSIDE COUNTY LOP

Case Worker: SCB

Local Agency: RIVERSIDE COUNTY LOP

RB Case Number: 083303342T

LOC Case Number: 9914861

File Location: Local Agency Warehouse

Potential Media Affect: Soil

Potential Contaminants of Concern: Gasoline

Site History: Not reported

Region: STATE

Global Id: T0606500037

Latitude: 33.9793165

Longitude: -117.339662

Case Type: LUST Cleanup Site

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site
Database(s)
EPA ID Number
EDR ID Number

Site
Database(s)
EPA ID Number
EDR ID Number

RIVERSIDE TRANSIT AGENCY (Continued)

1000218322

RIVERSIDE TRANSIT AGENCY (Continued)

1000218322

Status: Completed - Case Closed
 Status Date: 1999-03-01 00:00:00
 Lead Agency: RIVERSIDE COUNTY, LOP
 Case Worker: SCB
 Local Agency: RIVERSIDE COUNTY, LOP
 RB Case Number: 083300328T
 LOC Case Number: 95162
 File Location: Local Agency Warehouse
 Local Agency Warehouse
 Potential Media Affect: Soil
 Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
 Site History: Not reported

Remed Plan: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Enter Date: 1/1/1987
 GW Qualifies: Not reported
 Soil Qualifies: Not reported
 Operator: Not reported
 Facility Contact: Not reported
 Interim: Not reported
 Oversight Program: LUST
 Latitude: 33.9793165
 Longitude: -117.339662
 MTBE Date: Not reported
 Max MTBE GW: Not reported
 MTBE Concentration: 0
 Max MTBE Fuel: 0
 MTBE Tested: 0
 MTBE Class: Not Required to be Tested.
 Staff: NOM
 Staff Initials: UNK
 Local Agency: Local Agency
 Local Agency: 33000L
 Hydr Basin #: UPPER SANTA ANA VALL
 Beneficial: Not reported
 Priority: Not reported
 Cleanup Fund Id: Not reported
 Work Suspended: Not reported
 Summary: UNLEADED GAS TANK WAS EVACUATED ON 10-15-86. PREVIOUSLY CLSD - 4/4/89
 INVOLVES VIRGIL ENGINE OIL.

Region: 8
 County: Riverside
 Regional Board: Santa Ana Region
 Facility Status: Leak being confirmed
 Case Number: 083300325T
 Local Case Num: 970695
 Case Type: Soil only
 Substance: Diesel
 Qty Leaked: Not reported
 Abate Method: Not reported
 Cross Street: CHICAGO
 Ent Type: Not reported
 Funding: Not reported
 How Discovered: Nuisance Conditions
 How Stopped: Not reported
 Leak Cause: R
 Leak Source: Piping
 Global ID: T0606500499
 How Stopped Date: 2/23/1995
 Enter Date: 1/1/1987
 Review Date: Not reported
 Prelim Assess: Not reported
 Discover Date: 2/7/1995
 Enforcement Date: Not reported
 Close Date: 3/1/1986
 Workplan: Not reported
 Pollution Char: 5/20/1987

Region: 8
 County: Riverside
 Regional Board: Santa Ana Region
 Facility Status: Leak being confirmed
 Case Number: 083300325T
 Local Case Num: 970695
 Case Type: Soil only
 Substance: Diesel
 Qty Leaked: Not reported
 Abate Method: Not reported
 Cross Street: CHICAGO
 Ent Type: Not reported
 Funding: Not reported
 How Discovered: Subsurface Monitoring
 How Stopped: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Global ID: T0606500499
 How Stopped Date: 6/12/1997
 Enter Date: 7/23/1997
 Review Date: 7/1/1997
 Prelim Assess: Not reported
 Discover Date: 7/1/1997
 Enforcement Date: Not reported
 Close Date: Not reported
 Workplan: Not reported

LUST REG 8:

Region: 8
 County: Riverside
 Regional Board: Santa Ana Region
 Facility Status: Case Closed
 Case Number: 083300328T
 Local Case Num: Not reported
 Case Type: Soil only
 Substance: Waste Oil
 Qty Leaked: Not reported
 Abate Method: Not reported
 Cross Street: CHICAGO
 Ent Type: Not reported
 Funding: Not reported
 How Discovered: Nuisance Conditions
 How Stopped: Not reported
 Leak Cause: R
 Leak Source: Piping
 Global ID: T0606500037
 How Stopped Date: 2/23/1995
 Enter Date: 1/1/1987
 Review Date: Not reported
 Prelim Assess: Not reported
 Discover Date: 2/7/1995
 Enforcement Date: Not reported
 Close Date: 3/1/1986
 Workplan: Not reported
 Pollution Char: 5/20/1987

Region: 8
 County: Riverside
 Regional Board: Santa Ana Region
 Facility Status: Leak being confirmed
 Case Number: 083300325T
 Local Case Num: 970695
 Case Type: Soil only
 Substance: Diesel
 Qty Leaked: Not reported
 Abate Method: Not reported
 Cross Street: CHICAGO
 Ent Type: Not reported
 Funding: Not reported
 How Discovered: Subsurface Monitoring
 How Stopped: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Global ID: T0606500499
 How Stopped Date: 6/12/1997
 Enter Date: 7/23/1997
 Review Date: 7/1/1997
 Prelim Assess: Not reported
 Discover Date: 7/1/1997
 Enforcement Date: Not reported
 Close Date: Not reported
 Workplan: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RIVERSIDE TRANSIT AGENCY (Continued)

1000218322

RIVERSIDE TRANSIT AGENCY (Continued)

1000218322

Pollution Char: Not reported
 Remed Plan: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Enter Date: 7/23/1997
 GW Qualifies: Not reported
 Soil Qualifies: Not reported
 Operator: Not reported
 Facility Contact: Not reported
 Interim: Not reported
 Oversight Program: LUST
 Latitude: 33.983237
 Longitude: -117.351605
 MTBE Date: Not reported
 Max MTBE GW: Not reported
 MTBE Concentration: 0
 Max MTBE Soil: 0
 MTBE Tested: Not Required to be Tested.
 MTBE Class: *
 Staff: CAB
 Staff Initials: UNK
 Local Agency: Local Agency
 Local Agency: 33000L
 Hydr Basin #: UPPER SANTA ANA VALL
 Beneficial: Not reported
 Priority: Not reported
 Cleanup Fund Id: Not reported
 Work Suspended: Not reported
 Summary: Not reported

Region: 8
 County: Riverside
 Regional Board: Santa Ana Region
 Facility Status: Case Closed
 Case Number: 08330342T
 Local Case Num: 99-14861
 Case Type: Soil only
 Substrate: Gasoline
 City Leaked: Not reported
 Abate Method: CHICAGO
 Cross Street: Not reported
 Funding: Not reported
 How Discovered: OM
 How Stopped: Not reported
 Leak Cause: UNK
 Leak Source: UNK
 Global ID: T0606500559
 How Stopped Date: Not reported
 Enter Date: 3/5/1999
 Review Date: Not reported
 Prelim Assess: Not reported
 Discover Date: 1/20/1999
 Enforcement Date: Not reported
 Close Date: 9/6/2000
 Workplan: Not reported

Pollution Char: Not reported
 Remed Plan: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Enter Date: 3/5/1989
 GW Qualifies: Not reported
 Soil Qualifies: Not reported
 Operator: Not reported
 Facility Contact: Not reported
 Interim: Not reported
 Oversight Program: LUST
 Latitude: 33.9788157
 Longitude: -117.3202763
 MTBE Date: Not reported
 Max MTBE GW: Not reported
 MTBE Concentration: 0
 Max MTBE Soil: 1
 MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
 MTBE Class: *
 Staff: CAB
 Staff Initials: UNK
 Local Agency: Local Agency
 Local Agency: 33000L
 Hydr Basin #: UPPER SANTA ANA VALL
 Beneficial: Not reported
 Priority: Not reported
 Cleanup Fund Id: Not reported
 Work Suspended: Not reported
 Summary: Not reported

UST:
 Global ID: 13185
 Latitude: 33.983080000000001
 Longitude: -117.35168

RIVERSIDE CO. UST:
 Region: RIVERSIDE
 Total Tanks: 4

HAZNET:
 Gepaid: CAD881690274
 Contact: PUBLIC AGENCY
 Telephone: 9096840850
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 1825 3RD ST
 Mailing City/State/Zip: RIVERSIDE, CA 925073416
 Gen County: Sacramento
 TSD EPA ID: CAD880883177
 TSD County: Kern
 Waste Category: Tank bottom waste
 Disposal Method: Re-piper
 Tons: 47.1210
 Facility County: Sacramento

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

EDR ID Number
EPA ID Number

Database(s)

1000218322

RIVERSIDE TRANSIT AGENCY (Continued)

1000218322

RIVERSIDE TRANSIT AGENCY (Continued)

Tons: 4.5660
Facility County: Sacramento

Year: 1990
County Code: 33
Air Basin: SC
Facility ID: 45227
Air District Name: SC
SIC Code: 9621
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1996
County Code: 33
Air Basin: SC
Facility ID: 45227
Air District Name: SC
SIC Code: 4111
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 7
Reactive Organic Gases Tons/Yr: 6
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Gepaid: CAD981690274
Contact: PUBLIC AGENCY
Telephone: 9096840850
Facility Address: Not reported
Mailing Name: Not reported
Mailing Address: 1825 3RD ST
Mailing City,St,Zip: RIVERSIDE, CA 925073416
Gen County: Sacramento
TSD EPA ID: CAT080022148
TSD County: San Bernardino
Waste Category: Contaminated soil from site clean-ups
Disposal Method: Transfer Station
Tons: 1.3653
Facility County: Sacramento

Gepaid: CAD981690274
Contact: PUBLIC AGENCY
Telephone: 9096840850
Facility Address: Not reported
Mailing Name: Not reported
Mailing Address: 1825 3RD ST
Mailing City,St,Zip: RIVERSIDE, CA 925073416
Gen County: Sacramento
TSD EPA ID: CAD093459485
TSD County: Fresno
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Transfer Station
Tons: .0166
Facility County: Sacramento

Gepaid: CAD981690274
Contact: PUBLIC AGENCY
Telephone: 9096840850
Facility Address: Not reported
Mailing Name: Not reported
Mailing Address: 1825 3RD ST
Mailing City,St,Zip: RIVERSIDE, CA 925073416
Gen County: Sacramento
TSD EPA ID: CAD006252405
TSD County: Los Angeles
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Recycler
Tons: .2502
Facility County: Sacramento

Gepaid: CAD981690274
Contact: PUBLIC AGENCY
Telephone: 9096840850
Facility Address: Not reported
Mailing Name: Not reported
Mailing Address: 1825 3RD ST
Mailing City,St,Zip: RIVERSIDE, CA 925073416
Gen County: Sacramento
TSD EPA ID: CAL000113451
TSD County: Los Angeles
Waste Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station

Click this.hazardlink while viewing on your computer to access 80 additional CA HAZNET record(s) in the EDR Site Report.

MAP FINDINGS

MAP FINDINGS

MAP FINDINGS

MAP FINDINGS

MAP FINDINGS

MAP FINDINGS

MAP FINDINGS

MAP FINDINGS

EDR ID Number
EPA ID Number

EDR ID Number
EPA ID Number

EDR ID Number
EPA ID Number

EDR ID Number
EPA ID Number

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EDR ID Number
EPA ID Number

EDR ID Number
EPA ID Number

Database(s)

Database(s)

Database(s)

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Site

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RIVERSIDE TRANSIT AGENCY (Continued)

RIVERSIDE TRANSIT AGENCY (Continued)

RIVERSIDE TRANSIT AGENCY (Continued)

RIVERSIDE TRANSIT AGENCY (Continued)

RIVERSIDE TRANSIT AGENCY (Continued)

RIVERSIDE TRANSIT AGENCY (Continued)

RIVERSIDE TRANSIT AGENCY (Continued)

RIVERSIDE TRANSIT AGENCY (Continued)

Year: 1997
 County Code: 33
 Air Basin: SC
 Facility ID: 45227
 Air District Name: SC
 SIC Code: 4111
 SOUTH COAST AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 10
 Reactive Organic Gases Tons/Yr: 7
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1998
 County Code: 33
 Air Basin: SC
 Facility ID: 45227
 Air District Name: SC
 SIC Code: 4111
 SOUTH COAST AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 10
 Reactive Organic Gases Tons/Yr: 7
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1999
 County Code: 33
 Air Basin: SC
 Facility ID: 45227
 Air District Name: SC
 SIC Code: 4111
 SOUTH COAST AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 10
 Reactive Organic Gases Tons/Yr: 7
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2001
 County Code: 33
 Air Basin: SC
 Facility ID: 45227
 Air District Name: SC
 SIC Code: 4111
 SOUTH COAST AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 10
 Reactive Organic Gases Tons/Yr: 7
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2002
 County Code: 33
 Air Basin: SC
 Facility ID: 45227
 Air District Name: SC
 SIC Code: 4111
 SOUTH COAST AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 2
 Reactive Organic Gases Tons/Yr: 1
 Carbon Monoxide Emissions Tons/Yr: 1
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2003
 County Code: 33
 Air Basin: SC
 Facility ID: 45227
 Air District Name: SC
 SIC Code: 4111
 SOUTH COAST AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 2
 Reactive Organic Gases Tons/Yr: 1
 Carbon Monoxide Emissions Tons/Yr: 1

Year: 2003
 County Code: 33
 Air Basin: SC
 Facility ID: 45227
 Air District Name: SC
 SIC Code: 4111
 SOUTH COAST AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 2
 Reactive Organic Gases Tons/Yr: 1
 Carbon Monoxide Emissions Tons/Yr: 1

Year: 2003
 County Code: 33
 Air Basin: SC
 Facility ID: 45227
 Air District Name: SC
 SIC Code: 4111
 SOUTH COAST AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 2
 Reactive Organic Gases Tons/Yr: 1
 Carbon Monoxide Emissions Tons/Yr: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RIVERSIDE TRANSIT AGENCY (Continued)

1000218322

RIVERSIDE TRANSIT AGENCY (Continued)

U002095645

NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2004
 County Code: 33
 Air Basin: SC
 Facility ID: 45227
 Air District Name: SC
 SIC Code: 4111
 SOUTH COAST AQMD

Community Health Air Pollution Info System:
 Consolidated Emission Reporting Rule:
 Total Organic Hydrocarbon Gases Tons/Yr: 2.215812
 Reactive Organic Gases Tons/Yr: 1.22
 Carbon Monoxide Emissions Tons/Yr: 0.76505
 NOX - Oxides of Nitrogen Tons/Yr: 0.08112
 SOX - Oxides of Sulphur Tons/Yr: 0.0015075
 Particulate Matter Tons/Yr: 0.004568
 Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2005
 County Code: 33
 Air Basin: SC
 Facility ID: 45227
 Air District Name: SC
 SIC Code: 4111
 SOUTH COAST AQMD

Community Health Air Pollution Info System:
 Consolidated Emission Reporting Rule:
 Total Organic Hydrocarbon Gases Tons/Yr: 2034507
 Reactive Organic Gases Tons/Yr: 1968391236
 Carbon Monoxide Emissions Tons/Yr: 106757
 NOX - Oxides of Nitrogen Tons/Yr: 05688
 SOX - Oxides of Sulphur Tons/Yr: 00761
 Particulate Matter Tons/Yr: 0035
 Part. Matter 10 Micrometers & Smllr Tons/Yr: 00341058

RIVERSIDE CO. LUST:
 Region: RIVERSIDE
 Facility ID: 95162
 Site Closed: Yes
 Date Closed: 3/1/1996
 Case Type: Soil only
 Case Number: RO6600165
 Site Number: RO6600165

Region: RIVERSIDE
 Facility ID: 670685
 Site Closed: Yes
 Date Closed: 2/23/1989
 Case Type: Soil only
 Case Number: RO6600302
 Site Number: RO6600302

Region: RIVERSIDE
 Facility ID: 9914861
 Site Closed: Yes
 Date Closed: 8/32/2000
 Case Type: Soil only
 Case Number: RO6600384
 Site Number: RO6600384

Region: RIVERSIDE
 Facility ID: 200522143
 Site Closed: Yes
 Date Closed: 10/13/2006
 Case Type: Soil only
 Case Number: RO6600583
 Site Number: RO6600583

Reg By: LTNKA
 Reg Id: 083303342T

Reg By: LTNKA
 Reg Id: 083303342T

RIVERSIDE TRANSIT AGENCY

U002095645

RIVERSIDE TRANSIT AGENCY (Continued)

U002095645

1825 THIRD ST
 RIVERSIDE, CA 92507

Site 2 of 2 in cluster K

CORTESE:
 Region: CORTESE
 Facility County Code: 33
 Reg By: LTNKA
 Reg Id: 083303025T

Region: CORTESE
 Facility County Code: 33
 Reg By: LTNKA
 Reg Id: 083303233T

Region: CORTESE
 Facility County Code: 33

CA FID UST:
 Facility ID: 33006698
 Regulated By: UTNKA
 Not reported
 Corse Code: Not reported
 SIC Code: Not reported
 Facility Phone: 7146840850
 Mail To: Not reported
 Mailing Address: 1825 THIRD ST
 Mailing City/State/Zip: RIVERSIDE 92507
 Contact: Not reported
 Contact Phone: Not reported
 DUNS Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Active

Reg By: LTNKA
 Reg Id: 083303342T

Reg By: LTNKA
 Reg Id: 083303342T

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EPA ID Number
EPA ID Number

Site

Database(s)

EPA ID Number
EPA ID Number

RIVERSIDE TRANSIT AGENCY (Continued)

U002095645

SWEEPS UST:
Status: A
Comp Number: 67447
Number: 1
Board Of Equalization: 44-018511
Ref Date: 11-18-92
Act Date: 11-18-92
Created Date: 04-24-89
Tank Status: A
Owner Tank Id: 000910
Swrcb Tank Id: 33-000-067447-000001
Capacity: 20000
Tank Use: M.V. FUEL
Sig: P
Content: DIESEL
Number Of Tanks: 7

Status: A
Comp Number: 67447
Number: 1
Board Of Equalization: 44-018511
Ref Date: 11-18-92
Act Date: 11-18-92
Created Date: 04-24-89
Tank Status: A
Owner Tank Id: 000910
Swrcb Tank Id: 33-000-067447-000002
Capacity: 20000
Tank Use: M.V. FUEL
Sig: P
Content: DIESEL
Number Of Tanks: Not reported

Status: A
Comp Number: 67447
Number: 1
Board Of Equalization: 44-018511
Ref Date: 11-18-92
Act Date: 11-18-92
Created Date: 04-24-89
Tank Status: A
Owner Tank Id: 000910
Swrcb Tank Id: 33-000-067447-000003
Capacity: 20000
Tank Use: M.V. FUEL
Sig: P
Content: METHANOL
Number Of Tanks: Not reported

Status: A
Comp Number: 67447
Number: 1
Board Of Equalization: 44-018511
Ref Date: 11-18-92

RIVERSIDE TRANSIT AGENCY (Continued)

U002095645

Act Date: 11-18-92
Created Date: 04-24-89
Tank Status: A
Owner Tank Id: 000910
Swrcb Tank Id: 33-000-067447-000004
Act Date: 11-18-92
Capacity: 2000
Tank Use: OIL
Sig: W
Content: WASTE OIL
Number Of Tanks: Not reported

Status: A
Comp Number: 67447
Number: 1
Board Of Equalization: 44-018511
Ref Date: 11-18-92
Act Date: 11-18-92
Created Date: 04-24-89
Tank Status: A
Owner Tank Id: 000910
Swrcb Tank Id: 33-000-067447-000005
Act Date: 11-18-92
Capacity: 2000
Tank Use: PETROLEUM
Sig: P
Content: ENGINE OIL
Number Of Tanks: Not reported

Status: A
Comp Number: 67447
Number: 1
Board Of Equalization: 44-018511
Ref Date: 11-18-92
Act Date: 11-18-92
Created Date: 04-24-89
Tank Status: A
Owner Tank Id: 000910
Swrcb Tank Id: 33-000-067447-000006
Act Date: 11-18-92
Capacity: 1000
Tank Use: PETROLEUM
Sig: P
Content: AUTOMATIC TR
Number Of Tanks: Not reported

Status: A
Comp Number: 67447
Number: 1
Board Of Equalization: 44-018511
Ref Date: 11-18-92
Act Date: 11-18-92
Created Date: 04-24-89
Tank Status: A
Owner Tank Id: 000910
Swrcb Tank Id: 33-000-067447-000007
Act Date: 11-18-92

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RIVERSIDE TRANSIT AGENCY (Continued)

U002095645

RIVERSIDE TRANSIT AGENCY (Continued)

U002095645

Capacity: 4000
 Tank Use: M.V. FUEL
 Sig: P
 Content: REG UNLEADED
 Number Of Tanks: Not reported

HAZNET:
 Gepaid: CAD981690274
 Contact: BOB CABRAL, MAINT ANALYST
 Telephone: 9096840850
 Facility Addr: Not reported
 Mailing Name: Not reported
 Mailing Address: 1825 THIRD ST
 Mailing City,St,Zip: RIVERSIDE, CA 925171968
 Gen County: Riverside
 TSD EPA ID: CA1000613976
 TSD County: Riverside
 Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
 Disposal Method: Transfer Station
 Tons: 0.42
 Facility County: Riverside

Mailing Address: 1825 THIRD ST
 Mailing City,St,Zip: RIVERSIDE, CA 925171968
 Gen County: Riverside
 TSD EPA ID: CAD008252405
 TSD County: Riverside
 Waste Category: Unspecified solvent mixture Waste
 Disposal Method: Recycler
 Tons: 0.18
 Facility County: Riverside

Gepaid: CAD981690274
 Contact: BOB CABRAL, MAINT ANALYST
 Telephone: 9096840850
 Facility Addr: Not reported
 Mailing Name: Not reported
 Mailing Address: 1825 THIRD ST
 Mailing City,St,Zip: RIVERSIDE, CA 925171968
 Gen County: Riverside
 TSD EPA ID: CAL000113451
 TSD County: Riverside
 Waste Category: Unspecified organic liquid mixture
 Disposal Method: Recycler
 Tons: 1.64
 Facility County: Riverside

Gepaid: CAD981690274
 Contact: BOB CABRAL, MAINT ANALYST
 Telephone: 9096840850
 Facility Addr: Not reported
 Mailing Name: Not reported
 Mailing Address: 1825 THIRD ST
 Mailing City,St,Zip: RIVERSIDE, CA 925171968
 Gen County: Riverside
 TSD EPA ID: CAT000613927
 TSD County: Riverside
 Waste Category: Aqueous solution with less than 10% total organic residues
 Disposal Method: Transfer Station
 Tons: 7.4
 Facility County: Riverside

Click this hyperlink while viewing on your computer to access 24 additional CA_HAZNET record(s) in the EDR Site Report.

Gepaid: CAD981690274
 Contact: BOB CABRAL, MAINT ANALYST
 Telephone: 9096840850
 Facility Addr: Not reported
 Mailing Name: Not reported
 Mailing Address: 1825 THIRD ST
 Mailing City,St,Zip: RIVERSIDE, CA 925171968
 Gen County: Riverside
 TSD EPA ID: CAT080033681
 TSD County: Riverside
 Waste Category: Unspecified sludge waste
 Disposal Method: Disposal, Land Fill
 Tons: 1.14
 Facility County: Riverside

Gepaid: CAD981690274
 Contact: BOB CABRAL, MAINT ANALYST
 Telephone: 9096840850
 Facility Addr: Not reported
 Mailing Name: Not reported

L55
South
108-1/4
0.218 mi.
1152 ft.
Relative:
Higher
Actual:
957 ft.

BUY RITE #203
3750 CHICAGO AVE
RIVERSIDE, CA 92507
Site 1 of 4 in cluster L

UST:
 Global ID: 4073
 Latitude: 33.97627
 Longitude: -117.3484

UST
SWEEPS UST
U003948605
N/A

SWEEPS UST:
 Status: A
 Comp Number: 12148
 Number: 1
 Board Of Equalization: Not reported
 Ref Date: 10-21-92
 Act Date: 10-21-92
 Created Date: 07-19-90
 Tank Status: A
 Owner Tank Id: 000019
 Swrdb Tank Id: 33-000-012148-000001
 Actv Date: 10-21-92
 Capacity: 16000
 Tank Use: M.V. FUEL
 Sig: P
 Content: LEADED
 Number Of Tanks: 3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Site

Database(s)

EDR ID Number
EPA ID Number

BUY RITE #203 (Continued)

U003948805

BUY RITE (Continued)

S106567408

Status: A
 Comp Number: 12148
 Number: 1
 Board Of Equalization: Not reported
 Ref Date: 10-21-92
 Act Date: 10-21-92
 Created Date: 07-19-90
 Tank Status: A
 Owner Tank Id: 000019
 Swrcb Tank Id: 33-000-012148-000002
 Activ Date: 10-21-92
 Capacity: 20000
 Tank Use: M.V. FUEL
 Sig: P
 Content: REG UNLEADED
 Number Of Tanks: Not reported

Status: A
 Comp Number: 12148
 Number: 1
 Board Of Equalization: Not reported
 Ref Date: 10-21-92
 Act Date: 10-21-92
 Created Date: 07-19-90
 Tank Status: A
 Owner Tank Id: 000019
 Swrcb Tank Id: 33-000-012148-000003
 Activ Date: 10-21-92
 Capacity: 10000
 Tank Use: M.V. FUEL
 Sig: P
 Content: REG UNLEADED
 Number Of Tanks: Not reported

LUST REG 8:
 Region: 8
 County: Riverside
 Regional Board: Santa Ana Region
 Facility Status: Leak being confirmed
 Case Number: Not reported
 Local Case Num: 200420804
 Case Type: Soil only
 Substance: Gasoline
 Qty Leaked: Not reported
 Abate Method: Not reported
 Cross Street: UNIVERSITY AVENUE
 Exit Type: Not reported
 Funding: LOPF
 How Discovered: OMI
 How Stopped: Close Tank
 Leak Cause: UNK
 Leak Source: UNK
 Global ID: T0606586370
 How Stopped Date: Not reported
 Enter Date: Not reported
 Review Date: 8/22/2004
 Prelim Asses: Not reported
 Discover Date: 7/29/2004
 Enforcement Date: Not reported
 Close Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Plan: Not reported
 Monitoring: Not reported
 Enter Date: Not reported
 GW Qualifiles: Not reported
 Soil Qualifiles: Not reported
 Operator: Not reported
 Facility Contact: Not reported
 Interim: Not reported
 Oversight Program: LUST
 Latitude: 0
 Longitude: 0
 Max MTBE GW: Not reported
 MTBE Date: Not reported
 MTBE Concentration: 0
 Max MTBE Soil: Not reported
 MTBE Fuel: 1
 MTBE Tested: Site NOT Tested for MTBE, Includes Unknown and Not Analyzed.
 MTBE Class: *
 Staff: RS
 Staff Initials: SCB
 Local Agency: Local Agency
 Local Agency: 33000L
 Hyd# Basin #: Not reported
 Beneficial: Not reported
 Priority: Not reported
 Cleanup Fund Id: Not reported
 Work Suspended: Not reported
 Summary: **CASE TYPE = SOIL ONLY

L56
 South
 1/6-1/4
 0.278 mi.
 1152 ft.
 Higher

LUST S106567408
N/A

BUY RITE
 3750 CHICAGO AVENUE
 RIVERSIDE, CA 92507
 Site 2 of 4 in cluster L

LUST:
 Region: STATE
 Global Id: T0606586370
 Latitude: 33.976714
 Longitude: -117.348027
 Case Type: LUST Cleanup Site
 Status: Open - Remediation
 Status Date: 2005-03-18 00:00:00
 Lead Agency: RIVERSIDE COUNTY LOP
 Case Worker: RIVERSIDE COUNTY LOP
 Local Agency: RIVERSIDE COUNTY LOP
 RB Case Number: Not reported
 LOC Case Number: 200420804
 File Location: Local Agency
 Auditor used for drinking water supply
 Potential Media Affect: Gasoline
 Potential Contaminants of Concern: *** Data prior to 2005 does not appear in GeoTracker. Consult agency
 Site History: files for all site data***

Map ID
Direction
Distance
Elevation



Site

EPA ID Number
EPA ID Number

Map ID
Direction
Distance
Elevation



Site

EPA ID Number
EPA ID Number

DAVID NEWMAN (Continued)

U001576497

Tank Construction: Not reported
Leak Detection: Stock Inventor
Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: Not reported
Leak Detection: Stock Inventor
Tank Num: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Tank Construction: Not reported
Leak Detection: Stock Inventor
Tank Num: 004
Container Num: 4
Year Installed: Not reported
Tank Capacity: 00002800
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: Not reported
Leak Detection: Stock Inventor

TEXACO STATION
1509 BLAINE ST
RIVERSIDE, CA 92507

UST U003739436
SWEEPS UST N/A

Site 3 of 6 in cluster M

UST:
Global ID: 13828
Latitude: 33.982950000000000002
Longitude: -117.34007

SWEEPS UST:

Status: A
Comp Number: 24161
Number: 1
Board Of Equalization: 44-000217
Ref Date: 11-19-92
Act Date: 11-19-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 001369
Swrcb Tank Id: 33-000-024161-000001
Capacity: 8000
Tank Use: M.V. FUEL
Sig: P
Content: LEADED

TEXACO STATION (Continued)

U003739436

Number Of Tanks: 4
Status: A
Comp Number: 24161
Number: 1
Board Of Equalization: 44-000217
Ref Date: 11-19-92
Act Date: 11-19-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 001369
Swrcb Tank Id: 33-000-024161-000002
Capacity: 8000
Tank Use: M.V. FUEL
Sig: P
Content: REG UNLEADED
Number Of Tanks: Not reported
Status: A
Comp Number: 24161
Number: 1
Board Of Equalization: 44-000217
Ref Date: 11-19-92
Act Date: 11-19-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 001369
Swrcb Tank Id: 33-000-024161-000003
Capacity: 10000
Tank Use: M.V. FUEL
Sig: P
Content: DIESEL
Number Of Tanks: Not reported
Status: A
Comp Number: 24161
Number: 1
Board Of Equalization: 44-000217
Ref Date: 11-19-92
Act Date: 11-19-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 001369
Swrcb Tank Id: 33-000-024161-000004
Capacity: 1000
Tank Use: OIL
Sig: W
Content: WASTE OIL
Number Of Tanks: Not reported

Map ID Direction Distance Elevation
 MAP FINDINGS
 Site Database(s) EDR ID Number EPA ID Number

Map ID Direction Distance Elevation
 MAP FINDINGS
 Site Database(s) EDR ID Number EPA ID Number

TEXACO SERVICE STATION
 1300 BLAINE ST
 RIVERSIDE, CA 92507
 Site 4 of 8 in cluster M

CA FID UST: 5101590023
 N/A

Tank Num: 003
 Container Num: 3
 Year Installed: 1971
 Tank Capacity: 00010000
 Tank Used for: PRODUCT
 Type of Fuel: PREMIUM
 Tank Construction: Not reported
 Leak Detection: Stock Inventor

Tank Num: 004
 Container Num: 4
 Year Installed: 1971
 Tank Capacity: 00001000
 Tank Used for: PRODUCT
 Type of Fuel: WASTE OIL
 Tank Construction: Not reported
 Leak Detection: Stock Inventor

TEXACO SERVICE STATION
 1300 BLAINE ST
 RIVERSIDE, CA 92507
 Site 5 of 8 in cluster M

HIST UST: U001576503
 N/A

Regulated By: 33002484
 UTNKA
 Regulated ID: 00024161
 Cortese Code: Not reported
 SIC Code: 7147870625
 Facility Phone: Not reported
 Mail To: P O BOX 7812
 Mailing Address: RIVERSIDE 92507
 Mailing City, St, Zip: Not reported
 Contact: Not reported
 Contact Phone: Not reported
 DUNs Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Active

EXXON SERVICE STATION (Continued)

Tank Num: 003
 Container Num: 3
 Year Installed: 1971
 Tank Capacity: 00010000
 Tank Used for: PRODUCT
 Type of Fuel: PREMIUM
 Tank Construction: Not reported
 Leak Detection: Stock Inventor

Tank Num: 004
 Container Num: 4
 Year Installed: 1971
 Tank Capacity: 00001000
 Tank Used for: PRODUCT
 Type of Fuel: WASTE OIL
 Tank Construction: Not reported
 Leak Detection: Stock Inventor

EXXON SERVICE STATION
 1300 W BLAINE ST
 RIVERSIDE, CA 92507
 Site 6 of 8 in cluster M

HIST UST: U001576503
 N/A

Region: STATE
 Facility ID: 00000024161
 Facility Type: Gas Station
 Other Type: Not reported
 Total Tanks: 0004
 Contact Name: W.F. SALEEB
 Telephone: 7147870625
 Owner Name: EXXON COMPANY U.S.A.
 Owner Address: 16945 NORTHCHASE BLVD.
 Owner City, St, Zip: HOUSTON, TX 77210

Tank Num: 001
 Container Num: 1
 Year Installed: 1971
 Tank Capacity: 00006000
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: Not reported
 Leak Detection: Stock Inventor

Tank Num: 002
 Container Num: 2
 Year Installed: 1971
 Tank Capacity: 00008000
 Tank Used for: PRODUCT
 Type of Fuel: UNLEADED
 Tank Construction: Not reported
 Leak Detection: Stock Inventor

TEXACO SERVICE STATION 120593
 1300 BLAINE ST
 RIVERSIDE, CA 92507
 Site 6 of 8 in cluster M

RCRA-SQG: 1004678170
 FINDS: CAR000105809
 LUST: HAZNET

Date form received by agency: 02/28/2002
 TEXACO SERVICE STATION 120593
 Facility name: 1300 BLAINE ST
 RIVERSIDE, CA 92507
 CAR000105809
 PO BOX 2648
 HOUSTON, TX 77252
 SONDR A E BIENVENU
 Not reported
 Not reported
 Contact address: Not reported
 Contact country: Not reported
 Contact telephone: (713) 241-5036
 Contact email: Not reported
 EPA Region: 09
 Classification: Small Small Quantity Generator
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time, or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
 Owner/operator name: EQUILON ENTERPRISES L L C
 Owner/operator address: P O BOX 2648 HOUSTON, TX 77252
 Owner/operator country: Not reported
 Owner/operator telephone: (713) 241-5036
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: Not reported
 Owner/Op end date: Not reported

TEXACO SERVICE STATION 120593 (Continued) 1004678170

Handler Activities Summary:
 U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: Unknown
 Transporter of hazardous waste: Unknown
 Treater, storer or disposer of HW: No
 Underground injection activity: Unknown
 On-site burner exemption: Unknown
 Furnace exemption: Unknown
 Used oil fuel burner: No
 Used oil processor: No
 Used oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No
 Off-site waste receiver: Commercial status unknown

Universal Waste Summary:
 Waste type: Batteries
 Accumulated waste on-site: Unknown
 Generated waste on-site: Unknown
 Waste type: Lamps
 Accumulated waste on-site: Unknown
 Generated waste on-site: Unknown
 Waste type: Pesticides
 Accumulated waste on-site: Unknown
 Generated waste on-site: Unknown
 Waste type: Thermostats
 Accumulated waste on-site: Unknown
 Generated waste on-site: Unknown

Historical Generators:
 Date form received by agency: 02/28/2002
 Facility name: TEXACO SERVICE STATION 120593
 Classification: Large Quantity Generator
 Date form received by agency: 09/18/2001
 Facility name: TEXACO SERVICE STATION 120593
 Site name: TEXACO SERVICE STATION
 Classification: Small Quantity Generator

Hazardous Waste Summary:
 Waste code: D001
 Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

TEXACO SERVICE STATION 120593 (Continued) 1004678170

Violation Status: No violations found
 FINDS:
 Registry ID: 110012189023
 Environmental Interest/Information System
 California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
 RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

LUST:
 Region: STATE
 Global Id: T0606599251
 Latitude: 0
 Longitude: 0
 Case Type: LUST Cleanup Site
 Status: Completed - Case Closed
 Status Date: 2005-05-18 00:00:00
 Lead Agency: RIVERSIDE COUNTY LOP
 Case Worker: SCB
 Local Agency: RIVERSIDE COUNTY LOP
 RB Case Number: 083303932T
 LOC Case Number: 200218657
 File Location: Not reported
 Potential Media Affect: Soil
 Potential Contaminants of Concern: Gasoline
 Site History: Not reported

LUST REG 8:
 Region: 8
 County: Riverside
 Regional Board: Santa Ana Region
 Facility Status: Leak being confirmed
 Case Number: 083303932T
 Local Case Num: 200218657
 Case Type: Soil only
 Substance: Gasoline
 Qty Leaked: Not reported
 Abate Method: Not reported
 Cross Street: HWY 215
 EriT Type: Not reported
 Fundng: Not reported
 How Discovered: Tank Closure
 How Stopped: Close Tank
 Leak Cause: UNK
 Leak Source: UNK
 Global ID: T0606599251

How Stopped Date: 6/11/2002
 Enter Date: Not reported
 Review Date: 6/12/2002
 Prelim Assess: Not reported
 Discover Date: 6/11/2002
 Enforcement Date: Not reported
 Close Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Plan: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Enter Date: Not reported
 GW Qualifies: Not reported
 Soil Qualifies: =
 Operator: Not reported
 Facility Contact: Not reported
 Interim: Not reported
 Oversight Program: LUST
 Latitude: 0
 Longitude: 0
 MTBE Date: Not reported
 Max MTBE GW: Not reported
 MTBE Concentration: 0
 Max MTBE Soil: 33000
 MTBE Fuel: 1
 MTBE Tested: MTBE Detected, Site tested for MTBE & MTBE detected
 MTBE Class: *
 Staff: TIME
 Lead Agency: SCB
 Local Agency: 33000L
 Hydr Basin #: Not reported
 Beneficial: Not reported
 Priority: Not reported
 Cleanup Fund Id: Not reported
 Work Suspended: Not reported
 Summary: Not reported

HAZNET:
 Gepaid: CAR000105809
 Contact: SONDR A BIENVENU
 Telephone: 7132415036
 Facility Addr: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 2648
 Mailing City,St,Zip: HOUSTON, TX 77252648
 Gen County: Riverside
 TSD EPA ID: Not reported
 Waste Category: Los Angeles
 Disposal Method: Treatment, Tank
 Tons: 0.62
 Facility County: Not reported
 Gepaid: CAR000105809
 Contact: SONDR A BIENVENU
 Telephone: 7132415036
 Facility Addr: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 2648
 Mailing City,St,Zip: HOUSTON, TX 77252648
 Gen County: Riverside
 TSD EPA ID: Not reported
 Waste Category: Los Angeles
 Disposal Method: Treatment, Tank
 Tons: 0.62
 Facility County: Not reported

Telephone: 7132415036
 Facility Addr: Not reported
 Mailing Name: PO BOX 2648
 Mailing City,St,Zip: HOUSTON, TX 77252648
 Gen County: Riverside
 TSD EPA ID: Not reported
 Waste Category: Los Angeles
 Disposal Method: Treatment, Tank
 Tons: 0.41
 Facility County: Not reported

Gepaid: CAR000105809
 Contact: SONDR A BIENVENU
 Telephone: 7132415036
 Facility Addr: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 2648
 Mailing City,St,Zip: HOUSTON, TX 77252648
 Gen County: Riverside
 TSD EPA ID: Not reported
 Waste Category: San Bernardino
 Disposal Method: Other empty containers 30 gallons or more
 Tons: 21
 Facility County: Not reported

Gepaid: CAR000105809
 Contact: SONDR A BIENVENU
 Telephone: 7132415036
 Facility Addr: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 2648
 Mailing City,St,Zip: HOUSTON, TX 77252648
 Gen County: Riverside
 TSD EPA ID: Not reported
 Waste Category: Los Angeles
 Disposal Method: Recycler
 Tons: 7.5
 Facility County: Not reported

Gepaid: CAR000105809
 Contact: N CORTEZENVTLL DATA ANALYST
 Telephone: 2818742224
 Facility Addr: Not reported
 Mailing Name: Not reported
 Mailing Address: 12700 NORTHBOROUGH DRIVE MFT 240-G
 Mailing City,St,Zip: HOUSTON, TX 770672508
 Gen County: Riverside
 TSD EPA ID: CAD028409019
 Waste Category: Los Angeles
 Disposal Method: Aqueous solution with less than 10% total organic residues
 Transfer Station
 Tons: 1.25
 Facility County: Not reported

Map ID
Direction
Distance
Elevation



Site

EDR ID Number
EPA ID Number

Map ID
Direction
Distance
Elevation



Site

Database(s)
EPA ID Number

TEXACO SERVICE STATION 120593 (Continued)

Click this hyperlink while viewing on your computer to access additional CA_HAZNET detail in the EDK Site Report.

M65
East
1/8-1/4
0.249 mi.
1313 ft.

Relative:
Higher
Actual:
983 ft.

LUST:
Region: Santa Ana Region
Global Id: T060650065
Latitude: 33.99239558
Longitude: -117.2398689
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1988-07-11 00:00:00
Case Worker: CAB
Local Agency: SANTA ANA RWQCB (REGION 8)
RB Case Number: 08330601T
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

EXXON SERVICE STATION #2899
1300 BLAINE ST
RIVERSIDE, CA 92507

Site 7 of 8 in cluster M

LUST
1004678170
S104164200
N/A

EXXON SERVICE STATION #2899 (Continued)

Monitoring: Not reported
Enter Date: 8/6/1987
GW Qualifies: Not reported
Soil Qualifies: Not reported
Operator: Not reported
Facility Contact: Not reported
Interim: Not reported
Oversite Program: LUST
Latitude: 33.9831244
Longitude: -117.339803
Max MTBE GW: Not reported
MTBE Concentration: Not reported
Max MTBE Soil: 0
MTBE Fuel: 1
MTBE Tested: *
MTBE Class: CAB
Staff: UNK
Staff Initials: UNK
Local Agency: 33000L
Hydr Basin #: UPPER SANTA ANA VALL
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: Not reported
Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.

S104164200

LUST REG 8:

Region: Riverside
County: Santa Ana Region
Regional Board: Case Closed
Facility Status: 08330601T
Case Number: Not reported
Local Case Num: Gasoline
Substance: Not reported
City Leaked: Not reported
Abate Method: IOWA
Cross Street: Not reported
Funding: Not reported
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global ID: T060650065
How Stopped Date: 8/6/1987
Enter Date: Not reported
Review Date: Not reported
Prelim Assess: Not reported
Discover Date: Not reported
Enforcement Date: 7/11/1988
Close Date: Not reported
Workplan: Not reported
Pollution Char: 8/7/1987
Remed Plan: Not reported
Remed Action: Not reported

M66
East
1/8-1/4
0.249 mi.
1313 ft.

Relative:
Higher
Actual:
983 ft.

EXXON R/S #7-2899
1300 W BLAINE ST
RIVERSIDE, CA 92507

Site 8 of 8 in cluster M

HIST UST:
Region: STATE
Facility ID: 00000069246
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0005
Contact Name: W.F. SALEEB
Telephone: 7147870625
Owner Name: EXXON COMPANY USA
Owner Address: 4550 DACOMA, 3RD FLOOR
Owner City, St, Zip: HOUSTON, TX 77082

HIST UST
U001576502
N/A

EXXON R/S #7-2895 (Continued) U001576502 **SHELL IOWA AVENUE (Continued)** S106716773

Tank Capacity: 00010000
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: Not reported
 Leak Detection: Sensor Instrument
 Tank Num: 003
 Container Num: 3
 Year Installed: 1987
 Tank Capacity: 00010000
 Tank Used for: PRODUCT
 Type of Fuel: UNLEADED
 Tank Construction: Not reported
 Leak Detection: Sensor Instrument
 Tank Num: 004
 Container Num: 4
 Year Installed: 1987
 Tank Capacity: 00012000
 Tank Used for: PRODUCT
 Type of Fuel: UNLEADED
 Tank Construction: Not reported
 Leak Detection: Sensor Instrument
 Tank Num: 005
 Container Num: 5
 Year Installed: 1987
 Tank Capacity: 00001000
 Tank Used for: PRODUCT
 Type of Fuel: WASTE OIL
 Tank Construction: Not reported
 Leak Detection: Sensor Instrument

N67
East
 1/4-1/2
 0.252 mi.
 1328 ft.

Relative:
Higher
Actual:
980 ft.

SHELL IOWA AVENUE
3261 IOWA AVENUE
RIVERSIDE, CA 92507
Site 1 of 4 in cluster N
LUST:
 Region: STATE
 Global Id: T0606575445
 Latitude: 33.983522
 Longitude: -117.340273
 Case Type: LUST Cleanup Site
 Status: Completed - Case Closed
 Status Date: 2006-04-07 00:00:00
 Lead Agency: RIVERSIDE COUNTY LOP
 Case Worker: RIVERSIDE COUNTY LOP
 Local Agency: SCB
 RB Case Number: Not reported
 LOC Case Number: 200421108
 File Location: Not reported
 Potential Media Affect: Soil
 Potential Contaminants of Concern: Gasoline
 Site History: Not reported

LUST S106716773
NIA

Map ID Direction Distance Elevation MAP FINDINGS EDR ID Number EPA ID Number Database(s) MAP FINDINGS Site

LUST REG 8:

Region: 8
 County: Riverside
 Regional Board: Santa Ana Region
 Facility Status: Leak being confirmed
 Case Number: Not reported
 Local Case Num: 200421108
 Case Type: Soil only
 Substance: Gasoline
 Qty Leaked: Not reported
 Abate Method: Not reported
 Cross Street: BLAINE
 Erft Type: Not reported
 Funding: LOPF
 How Discovered: Oil
 How Stopped: Other Means
 Leak Cause: Other Cause
 Leak Source: UNK
 Global ID: T0606575445
 How Stopped Date: Not reported
 Enter Date: Not reported
 Review Date: 12/14/2004
 Prelim Assess: Not reported
 Discover Date: 11/15/2004
 Close Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Plan: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Enter Date: Not reported
 GW Qualifies: Not reported
 Operator: Not reported
 Facility Contact: Not reported
 Interim: Not reported
 Oversight Program: LCCNL
 Latitude: 0
 Longitude: 0
 MTBE Date: Not reported
 Max MTBE GW: Not reported
 MTBE Concentration: 0
 Max MTBE Soil: Not reported
 MTBE Fuel: 1
 MTBE Tested: *
 MTBE Class: *
 Staff: CAB
 Staff Initials: SCB
 Local Agency: Local Agency
 Local Agency: 33000L
 Hydr Basin #: Not reported
 Beneficial: Not reported
 Priority: Not reported
 Cleanup Fund Id: Not reported
 Work Suspended: Not reported
 Summary: Not reported

* Site NOT Tested for MTBE, Includes Unknown and Not Analyzed.

Map ID
Direction
Distance
Elevation

Site

MAP FINDINGS

EDR ID Number
EPA ID Number

Map ID
Direction
Distance
Elevation

Site

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

N68
East
1/4-1/2
0.252 mi.
1328 ft.
Relative:
Higher
Actual:
980 ft.

SHELL
3261 IOWA AVE
RIVERSIDE, CA 92507
Site 2 of 4 in cluster N

HIST CORTESE U001576545
HIST UST N/A
CHMIRS

CORTESE:
Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 083302449T

HIST UST:
Region: STATE
Facility ID: 0000009500
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0003
Contact Name: ROGER SCHNIEDER
Telephone: 7146389859
Owner Name: SHELL OIL COMPANY
Owner Address: P.O. BOX 4848
Owner City, St, Zip: ANAHEIM, CA 92803

Tank Num: 001
Container Num: 3
Year Installed: 1979
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Tank Construction: 1/4 inches
Leak Detection: Stock Inventor, Groundwater Monitoring Well, 10

Tank Num: 002
Container Num: 1
Year Installed: 1979
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: 1/4 inches
Leak Detection: Stock Inventor, Groundwater Monitoring Well, 10

Tank Num: 003
Container Num: 2
Year Installed: 1979
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: 1/4 inches
Leak Detection: Stock Inventor, Groundwater Monitoring Well, 10

CHMIRS:
OES Incident Number: 1092
OES notification: Not reported
OES Date: 3/4/1994
OES Time: 10:18:24 AM
Incident Date: Not reported
Date Completed:
Not reported

SHELL (Continued)

Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
Special Studies 1: Not reported
Special Studies 2: Not reported
Special Studies 3: Not reported
Special Studies 4: Not reported
Special Studies 5: Not reported
Special Studies 6: Not reported
More Than Two Substances Involved?: Not reported
Resp Agency Personnel # Of Decontaminated: Not reported
Responding Agency Personnel # Of Injuries: Not reported
Responding Agency Personnel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/Year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA/DOJ/PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: Not reported
Report Date: Not reported
Comments: Not reported
Facility Telephone: Not reported
Waterway Involved: YES
Waterway: Not reported
Spill Site: Not reported
Cleanup By: tanks emptied, contractor enroute
Containment: Not reported
What Happened: PETROLEUM
Type: Not reported
Measure: Not reported
Other: Not reported
Date/Time: 1994
Year: shell oil
Agency: 03/04/94 0900
Incident Date: Not reported
Admin Agency: unknown
Amount: NO
Contained: S/S
Site Type: Not reported
E Date: gasoline
Substance: Not reported
Quantity Released: Not reported
BLLS: Not reported
Cups: Not reported
CUFT: Not reported
Gallons: Not reported
Grams: Not reported
Pounds: Not reported

U001576545

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EPA ID Number
EPA ID Number

Database(s)

Database(s)
EPA ID Number
EPA ID Number

SHELL (Continued)

Liters: Not reported
Ounces: Not reported
Pints: Not reported
Quarts: Not reported
Sheen: Not reported
Tons: Not reported
Unknown: Not reported
Description: tank test failure for 2 tanks.
Evacuations: NO
Number of Injuries: NO
Number of Fatalities: NO
Description: Not reported

N69
East
1/4-1/2
0.252 mi.
1328 ft.
Relative:
Higher
Actual:
960 ft.

BLAINE SHELL
3261 IOWA AVE
RIVERSIDE, CA 92507
Site 3 of 4 in cluster N
LUST:
Region: STATE
Global Id: T0606500371
Latitude: 33.983348
Longitude: -117.340273
Case Type: LUST/Cleanup Site
Status: Completed - Case Closed
Lead Agency: 1986-05-16 00:00:00
Case Worker: RIVERSIDE COUNTY, LOP
Local Agency: SCB
RB Case Number: RIVERSIDE COUNTY, LOP
LCC Case Number: 08330249T
File Location: 94345
Local Agency Warehouse: Soil
Potential Media Affect: Gasoline
Potential Contaminants of Concern: Not reported
Site History: Not reported

LUST
HAZNET
N/A

U001576545

BLAINE SHELL (Continued)

Enter Date: 6/16/1994
Review Date: Not reported
Prelim Assess: Not reported
Discover Date: 3/31/1994
Enforcement Date: Not reported
Close Date: 5/16/1996
Workplan: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Enter Date: 6/16/1994
GW Qualifies: Not reported
Soil Qualifies: Not reported
Operator: Not reported
Facility Contact: Not reported
Interim: Not reported
LUST
Oversite Program: LUST
Latitude: 33.9832774
Longitude: -117.3400601
MTBE Date: Not reported
Max MTBE GW: Not reported
MTBE Concentration: 0
Max MTBE Soil: Not reported
MTBE Fuel: 1
MTBE Tested: 1
MTBE Class: *
Staff: CAB
Staff Initials: SCB
Local Agency: Local Agency
Local Agency: 33000L
Hydr Basin #: UPPER SANTA ANA VALL
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: ADDITIONAL RP MIKE CLAUDIO BOBBY AND CYNTHIA
MILLER SHELL OIL CO. 3261 IOWA AVE. 511
BROOKHURST RIVERSIDE CA 92507 ANAHEIM, CA 92803

S105033180

LUST REG 8:

Region: 8
County: Riverside
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 08330249T
Local Case Num: Not reported
Case Type: Soil only
Substance: Gasoline
Qty Leaked: Not reported
Abate Method: Not reported
Cross Street: BLAINE
Enf Type: Not reported
Funding: Federal Funds
How Discovered: Tank Closure
How Stopped: Not reported
Leak Cause: UNK
Leak Source: UNK
Global ID: T0606500371
How Stopped Date: 3/31/1994

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

Site

BLAINE SHELL (Continued)

Gen County: Riverside
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Treatment, Tank
Tons: 1.0425
Facility County: Riverside

Gepald: CAL000122469
Contact: EQUILON ENTERPRISES LLC
Telephone: 7132412258
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 4453
Mailing City, St, Zip: HOUSTON, TX 772104453
Gen County: Riverside
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Not reported
Tons: 1.1467
Facility County: Riverside

Gepald: CAL000122469
Contact: EQUILON ENTERPRISES LLC
Telephone: 7132412258
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 4453
Mailing City, St, Zip: HOUSTON, TX 772104453
Gen County: Riverside
TSD EPA ID: CAD982484933
TSD County: 7
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Not reported
Tons: 6.0000
Facility County: Riverside

SHELL BLAINE
3261 IOWA AVE
RIVERSIDE, CA

Site 4 of 4 in cluster N

Region: RIVERSIDE
Facility ID: 94345
Site Closed: Yes
Date Closed: 5/16/1996
Case Type: Soil only
Site Number: RC6600118

N70
East
1/4-1/2
0.252 mi.
1328 ft.
Relative:
Higher
Actual:
980 ft.

LUST S103820973
N/A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

Site

UNOCAL #3779
1490 UNIVERSITY AVE
RIVERSIDE, CA 92507

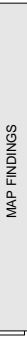
71
South
1/4-1/2
0.258 mi.
1362 ft.
Relative:
Higher
Actual:
980 ft.

LUST REG 8:
Region: 8
County: Riverside
Regional Board: Santa Ana Region
Facility Status: Preliminary site assessment workplan submitted
Case Number: 083302540T
Local Case Num: Not reported
Case Type: Soil only
Substance: Unleaded Gasoline
Qty Leaked: Not reported
Abate Method: Not reported
Cross Street: CRANFORD
Enf Type: Not reported
Funding: Not reported
How Discovered: OM
How Stopped: Not reported
Leak Cause: UNK
Leak Source: UNK
Global ID: T0606500397
How Stopped Date: 6/22/1994
Enter Date: 12/13/1994
Review Date: Not reported
Prelim Assess: Not reported
Discover Date: 6/20/1994
Enforcement Date: Not reported
Close Date: Not reported
Workplan: 1/1/1985
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Enter Date: 12/13/1994
GW Qualifies: Not reported
Soil Qualifies: Not reported
Operator: Not reported
Facility Contact: Not reported
Interim: Not reported
Oversite Program: LUST
Latitude: 33.9754575
Longitude: -117.3439821
MTBE Date: Not reported
Max MTBE GW: Not reported
MTBE Concentration: 0
Max MTBE Soil: Not reported
MTBE Fuel: 1
MTBE Tested: *
MTBE Class: *
Staff: NOM
Staff Initials: UNK
Lead Agency: Local Agency
Local Agency: 33000L
Hydr Basin #: UPPER SANTA ANA VALL
Beneficial: Not reported

LUST S103943694
SLIC
N/A

Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.

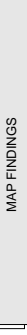
Map ID
Direction
Distance
Elevation



Site

EDR ID Number
EPA ID Number

Map ID
Direction
Distance
Elevation



Site

EDR ID Number
EPA ID Number

UNOCAL #3779 (Continued)

Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: Not reported

SILIC:
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: Not reported
Global Id: T0606500397
Lead Agency: RIVERSIDE COUNTY
Lead Agency Case Number: 33.675457.090909097
Latitude: 7.75439321000001
Longitude: Cleanup Program Site
Case Type: BER
Case Worker: RIVERSIDE COUNTY
Local Agency: RIVERSIDE COUNTY
RB Case Number: 0833025401
File Location: Not reported
Potential Media Affected: Soil
Potential Contaminants of Concern: Not reported
Site History: Not reported

S103943694

73
NW
1/4-1/2
0.336 mi.
1774 ft.

Relative:
Lower
Actual:
906 ft.

ALL WOODS LAMINATING & MILLING INC.
1850 MASS AVE. BLDG 'C'
RIVERSIDE, CA 92507

CERCUS-NFRAP:
Site ID: 0904049
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP

CERCUS-NFRAP Site Contact Name(s):
Contact Title: Not reported
Contact Name: Carl Bricker
Contact Tel: (415) 972-3814
Contact Title: Not reported
Contact Name: Brunilda Davila
Contact Tel: (415) 972-3162
Contact Title: Not reported
Contact Name: Jeff Inglis
Contact Tel: (415) 972-3095
Contact Title: Not reported
Contact Name: Karen Jurist
Contact Tel: (415) 972-3219
Contact Title: Not reported
Contact Name: Matt Milguard
Contact Tel: (415) 972-3096

CERC-NFRAP
1003579569
CAD983594185

72
NE
1/4-1/2
0.315 mi.
1662 ft.

Relative:
Higher
Actual:
969 ft.

TOMRA PACIFIC INC
2995 IOWA AVE
RIVERSIDE, CA 92507

SWRCY:
Certification Status: O
Facility Phone Number: Not reported
Date facility became certified: 6/25/1998
Date facility began operating: 7/7/1998
Date facility ceased operating: Still operating
Whether The Facility Is Grandfathered: Not reported
Convenience Zone Where Facility Located: 3646
Convenience Zone Where Facility Located 2: Not Accepted
Convenience Zone Where Facility Located 3: Not Accepted
Convenience Zone Where Facility Located 4: Not Accepted
Convenience Zone Where Facility Located 5: Not Accepted
Convenience Zone Where Facility Located 6: Not Accepted
Convenience Zone Where Facility Located 7: Not Accepted
Aluminum Beverage Containers Redeemed: AL
Glass Beverage Containers Redeemed: GL
Plastic Beverage Containers Redeemed: PL
Other mat. beverage containers redeemed: OB
Refillable Beverage Containers Redeemed: Not reported

SWRCY S107138205
N/A

72
NE
1/4-1/2
0.315 mi.
1662 ft.

Relative:
Higher
Actual:
969 ft.

CERCUS-NFRAP Assessment History:
Action: DISCOVERY
Date Started: Not reported
Date Completed: 08/16/1991
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 12/02/1993
Priority Level: NFRAP: No further Remedial Action planned
Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 12/02/1993
Priority Level: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

MAP FINDINGS

EDR ID Number
EPA ID Number

074
SE
1/4-1/2
0.363 mi.
1917 ft.
Relative:
Higher
Actual:
1000 ft.

EXXON SERVICE STATION #3645
1295 UNIVERSITY AVE
RIVERSIDE, CA 92507
Site 1 of 5 in cluster O

LUST:
Region: STATE
Global Id: T06065000568
Latitude: 33.9757959
Longitude: -117.339721
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
2005-06-08 00:00:00
RIVERSIDE COUNTY
BER
Case Worker:
Local Agency: RIVERSIDE COUNTY
RB Case Number: 083300510T
LOC Case Number:
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST REG 8:

Region: 8
County: Riverside
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083300510T
Local Case Num:
Case Type: Not reported
Substance: Soil only
Qty Leaked: Gasoline
Abate Method: Not reported
Cross Street: IOWA
Emf Type: Not reported
Funding: Not reported
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global ID: T06065000568
How Stopped Date:
Enter Date: 7/21/1987
Review Date: Not reported
Prelim Assess: Not reported
Discover Date: Not reported
Enforcement Date:
Close Date: 9/24/1987
Workplan: Not reported
Pollution Char: 7/21/1987
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Enter Date: 7/21/1987
GW Qualities: Not reported
Soil Qualities: Not reported
Operator:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

EXXON SERVICE STATION #3645 (Continued)

\$102429527

Facility Contact: Not reported
Interim: Not reported
Oversite Program: LUST
Latitude: 33.9757526
Longitude: -117.3396869
MTBE Date: Not reported
Max MTBE GW: Not reported
MTBE Concentration: 0
Max MTBE Soil: Not reported
MTBE Fuel: 1
MTBE Tested: 1
MTBE Class: *
Site NOT Tested for MTBE, includes Unknown and Not Analyzed.
Staff: CAB
Staff Initials: UNK
Local Agency: Local Agency
33000L
Hydr Basin #: UPPER SANTA ANA VALL
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: THE NAME OF THIS SITE IS: MARV'S EXXON SERVICE.

075
SE
1/4-1/2
0.363 mi.
1917 ft.
Relative:
Higher
Actual:
1000 ft.

TEXACO REFINING AND MARKETING INC
1295 UNIVERSITY
RIVERSIDE, CA 92507
Site 2 of 5 in cluster O

CORTESE:
Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 083300510T

HAZNET:
Cepaid: CAL000047497
Contact: TEXACO REFINING AND MARKETING
8185052802
Telephone: Not reported
Facility Addr2:
Mailing Name: Not reported
Mailing Address: 10 UNIVERSAL CITY PLAZA 7TH FLOOR
UNIVERSAL CITY, CA 916081009
Gen County: Riverside
TSD EPA ID: Not reported
TSD County: 0
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 8340
Facility County: Riverside

HIST CORTESE
HAZNET
\$103627553
N/A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

Site

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

Site

76
SW
1/4-1/2
0.365 mi.
1926 ft.

Relative:
Lower

Actual:
940 ft.

EASTSIDE ELEMENTARY SCHOOL
UNIVERSITY AVENUE/OTTAWA AVENUE
RIVERSIDE, CA 92507

SCH
ENVIROSTOR

S107027259
N/A

EASTSIDE ELEMENTARY SCHOOL (Continued)

S107027259

SCH:

Facility ID: 33000044
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 11.5
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: DTSC - Site Mitigation And Brownfield Reuse Program
Project Manager: S. STEVEN HARIRI
Supervisor: Shahir Haddad
Division Branch: Cypress
Site Code: 404630
Assembly: 64
Senate: 31
Special Program Status: Not reported
Status: Inactive - Needs Evaluation
Status Date: 2/7/2007 0:00
Restricted Use: NO
Funding: School District
Longitude: -117.3517
Latitude: 33.9742
APN: NONE SPECIFIED
Past Use: * UNKNOWN
Potential COC: 30003, 30013, 30019, 30024, 30025, 3002502
Confirmed COC: 30019-NO,30024-NO,30025-NO,30003-NO,30013-NO,3002502-NO
Potential Description: SOIL
Alias Name: 33000044
Enviros ID Number: RIVERSIDE UNIFIED SCHOOL DISTRICT
Alias Name: RIVERSIDE UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Site Code (Site Code): 404630
Alias Name: RIVERSIDE USD-PRPSD EASTSIDE ELEM SCHOOL
Alias Type: Alternate Name

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangemement Assessment Workplan
Completed Date: 2006-01-10 00:00:00
Comments: Field Work Scheduled for 1/16/06

Completed Area Name:

Completed Sub Area Name: PROJECT WIDE
Completed Document Type: Environmental Oversight Agreement
Completed Date: 2005-06-28 00:00:00
Comments: Not reported

Completed Sub Area Name:

Completed Document Type: PROJECT WIDE
Amendment - Order/Agreement

Completed Date:

2006-04-27 00:00:00
Not reported

Comments:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Inactive Status Letter
Completed Date: 2007-01-16 00:00:00
Comments: Not reported

Completed Area Name:

Completed Sub Area Name: PROJECT WIDE
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 2007-02-07 00:00:00
Comments: CRU Completed

Future Area Name:

Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:

Site Type: School Investigation
Site Type Detailed: School
Acres: 11.5
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: S. STEVEN HARIRI
Program Manager: Shahir Haddad
Supervisor: Cypress
Division Branch: 33000044
Site Code: 404630
Assembly: 64
Senate: 31
Special Program: Not reported
Status: Inactive - Needs Evaluation
Status Date: 2/7/2007 0:00
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: School District
Longitude: 33.9742
Latitude: -117.3517
APN: NONE SPECIFIED
Past Use: * UNKNOWN
Potential COC: 30003, 30013, 30019, 30024, 30025, 3002502
Confirmed COC: 30019-NO,30024-NO,30025-NO,30003-NO,30013-NO,3002502-NO
Potential Description: SOIL
Alias Name: 33000044
Enviros ID Number: RIVERSIDE UNIFIED SCHOOL DISTRICT
Alias Name: RIVERSIDE UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Site Code (Site Code): 404630
Alias Name: RIVERSIDE USD-PRPSD EASTSIDE ELEM SCHOOL
Alias Type: Alternate Name

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site
Database(s)
EDR ID Number
EPA ID Number

EASTSIDE ELEMENTARY SCHOOL (Continued)

S107027259

ARCO PRODUCTS COMPANY #9714 (Continued)

S103950775

Project Code (Site Code): RIVERSIDE USD-PRPSD EASTSIDE ELEM SCHOOL
 Alternate Name: HAZNET

Completed Info:
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Preliminary Endangerment Assessment Workplan
 Completed Date: 2006-01-10 00:00:00
 Comments: Field Work Scheduled for 1/16/06

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Environmental Oversight Agreement
 Completed Date: 2006-06-28 00:00:00
 Comments: Not reported

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Amendment - Order/Agreement
 Completed Date: 2006-04-27 00:00:00
 Comments: Not reported

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Inactive Status Letter
 Completed Date: 2007-01-16 00:00:00
 Comments: Not reported

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Cost Recovery Closeout Memo
 Completed Date: 2007-02-07 00:00:00
 Comments: CRU Completed

Future Area Name: Not reported
 Future Sub Area Name: Not reported
 Future Document Type: Not reported
 Future Due Date: Not reported
 Schedule Area Name: Not reported
 Schedule Sub Area Name: Not reported
 Schedule Document Type: Not reported
 Schedule Due Date: Not reported
 Schedule Revised Date: Not reported

HAZNET:
 Gepsaid: CAL000187265
 Contact: ARCO PRODUCTS COMPANY
 Telephone: 7146705407
 Facility Address: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 6038
 Mailing City/ST/Zip: ARTESIA, CA 907020000
 Gen County: Riverside
 TSD EPA ID: CAT080013352
 TSD County: Los Angeles
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Tons: 2.0850
 Facility County: Riverside

Gepsaid: CAL000187265
 Contact: ARCO PRODUCTS COMPANY
 Telephone: 7146705407
 Facility Address: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 6038
 Mailing City/ST/Zip: ARTESIA, CA 907020000
 Gen County: Riverside
 TSD EPA ID: CAT080013352
 TSD County: Los Angeles
 Waste Category: Aqueous solution with less than 10% total organic residues
 Disposal Method: Recycler
 Tons: 0.0063
 Facility County: Riverside

Gepsaid: CAL000244489
 Contact: CARLOS RODRIGUEZ
 Telephone: 7146705402
 Facility Address: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 6038
 Mailing City/ST/Zip: ARTESIA, CA 907026038
 Gen County: Riverside
 TSD EPA ID: Not reported
 TSD County: Los Angeles
 Waste Category: Aqueous solution with less than 10% total organic residues
 Disposal Method: Recycler
 Tons: 2.29
 Facility County: Not reported

Gepsaid: CAL000187265
 Contact: CARLOS RODRIGUEZ
 Telephone: 7146705402
 Facility Address: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 6038
 Mailing City/ST/Zip: ARTESIA, CA 907020000
 Gen County: Riverside
 TSD EPA ID: Not reported
 TSD County: Los Angeles
 Waste Category: Aqueous solution with less than 10% total organic residues
 Disposal Method: Recycler
 Tons: 2.29
 Facility County: Not reported

077
SE
1/4-1/2
0.370 mi.
1953 ft.

Relative:
Higher
Actual:
1000 ft.

ARCO PRODUCTS COMPANY #9714
 1294 UNIVERSITY
 RIVERSIDE, CA 92507
 Site 3 of 5 in cluster O

CORTESE:
 Region: CORTESE
 Facility County Code: 33
 Reg By: LTNKA
 Reg Id: 083303277

S103950775

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site
Database(s)
EDR ID Number
EPA ID Number

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO PRODUCTS COMPANY #9714 (Continued)

S103950775

THRIFTY OIL #344/ ARCO #9714 (Continued)

S103943693

Disposal Method: Recycler
Tons: 0.12
Facility County: Not reported
Gepaid: CAL000197531
Contact: CARLOS RODRIGUEZ
Telephone: 7146705402
Facility Addr: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 6038
Mailing City, St, Zip: ARTESIA, CA 907026038
Gen County: Riverside
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 0.03
Facility County: Not reported

Cross Street: IOWA
Ent Type: Not reported
Funding: Not reported
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: T0606500545
Global ID: Not reported
How Stopped Date: 11/6/1998
Enter Date: Not reported
Review Date: Not reported
Prelim Assess: Not reported
Discover Date: 12/29/1997
Enforcement Date: Not reported
Close Date: Not reported
Workplan: 1/1/1985
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Enter Date: 11/6/1998
GW Qualifies: =
Soil Qualifies: Not reported
Operator: Not reported
Facility Contact: Not reported
Interim: Not reported
Oversite Program: LUST
Latitude: 33.9757246
Longitude: -117.3397409
MTBE Date: 9/1/2004
Max MTBE GW: 0
MTBE Concentration: 3.8
Max MTBE Soil: Not reported
MTBE Fuel: 1
MTBE Tested: MTBE Detected, Site tested for MTBE & MTBE detected
MTBE Class: *
Staff: VJJ
Start Initials: UNK
Lead Agency: Local Agency
Local Agency: 35000L
Hydr Basin #: UPPER SANTA ANA VALL
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: USTS REPLACED MARCH/APRIL 1998. REMOVED 842 TONS OF CONTAMINATED SOIL.

Click this [hyperlink](#) while viewing on your computer to access additional CA_HAZNET detail in the EDR Site Report.

078
SE
1/4-1/2
0.370 mi.
1953 ft.
Relative:
Higher
Actual:
1000 ft.

THRIFTY OIL #344/ ARCO #9714
1294 UNIVERSITY AVE
RIVERSIDE, CA 92507
Site 4 of 5 in cluster O

LUST S103943693
N/A

Region: STATE
Global Id: T0606500545
Latitude: 33.9757246
Longitude: -117.3397409
Case Type: LUST Cleanup Site
Status: Open - Remediation
Status Date: 2004-11-03 00:00:00
Lead Agency: RIVERSIDE COUNTY LOP
Case Worker: YR
Local Agency: RIVERSIDE COUNTY LOP
RB Case Number: 083303277T
LOC Case Number: 980441
File Location: Local Agency
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST REG 8:
Region: 8
County: Riverside
Regional Board: Santa Ana Region
Facility Status: Preliminary site assessment workplan submitted
Case Number: 083303277T
Local Case Num: 980441
Case Type: Soil only
Substance: Gasoline
Qty Leaked: Not reported
Abate Method: Not reported

079
SE
1/4-1/2
0.370 mi.
1953 ft.
Relative:
Higher
Actual:
1000 ft.

THRIFTY OIL #344 ARCO #9714
1294 UNIVERSITY AVE
RIVERSIDE, CA

Site 5 of 5 in cluster O
RIVERSIDE CO. LUST:
Region: RIVERSIDE
Facility ID: 980441
Site Closed: Not Closed
Date Closed: Not reported

LUST S104970881
N/A

THRIFTY OIL #344 ARCO #9714 (Continued)
 Case Type: Drinking Water Aquifer affected
 Site Number: RO6500545

DEVOE MARINE COATINGS
 2625 DURAHART ST
 RIVERSIDE, CA
 Site 1 of 4 in cluster P
 RIVERSIDE CO. LUST
 Region: RIVERSIDE
 Facility ID: 69204
 Site Closed: Referred to Water Board
 Date Closed: 7/18/1991
 Case Type: Ground water
 Site Number: RO659756

DEVOE MARINE COATINGS (Continued)
 Alias Name: 400976
 Alias Type: Project Code (Site Code)
 Completed Info:
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Site Screening
 Completed Date: 2007-06-06 00:00:00
 Comments: Site Screening approved by EPA. "OCA Start - RWQCB".
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Preliminary Endangerment Assessment Workplan
 Completed Date: 2002-09-23 00:00:00
 Comments: Approved by U.S. EPA.
 Future Area Name: Not reported
 Future Sub Area Name: Not reported
 Future Document Type: Not reported
 Future Due Date: Not reported
 Schedule Area Name: Not reported
 Schedule Sub Area Name: Not reported
 Schedule Document Type: Not reported
 Schedule Due Date: Not reported
 Schedule Revised Date: Not reported

DEVOE MARINE COATINGS
 2625 DURAHART STREET
 RIVERSIDE, CA 92502
 Site 2 of 4 in cluster P
 ENVIROSTOR
 Evaluation: Not reported
 Evaluation Acres: NO
 NPL: US, EPA
 Regulatory Agencies: NONE SPECIFIED
 Lead Agency: NONE SPECIFIED
 Program Manager: Not reported
 Supervisor: Greg Holmes
 Division Branch: Cypress
 Facility ID: 33280153
 Site Code: 400976
 Assembly: 64
 Senate: 31
 Special Program: Not reported
 Status: Releaser/Other Agency
 Status Date: 9/5/2003 0:00
 Restricted Use: NO
 Site Mgmt. Req.: NONE SPECIFIED
 Funding: EPA Grant
 Latitude: 33.98718155
 Longitude: -117.3521943
 APN: NONE SPECIFIED
 Past Use: NONE SPECIFIED
 Potential COC: 10003, 10009
 Confirmed COC: NONE SPECIFIED
 Potential Description: NONE SPECIFIED
 Alias Name: 33280153
 Envirostor ID Number: Envirostor ID Number
 Alias Name: DEVOE MARINE COATINGS
 Alternate Name: DEVOE MARINE COATINGS
 Alias Name: CAD097574073
 Alias Type: EPA Identification Number

DEVOE MARINE COATINGS
 2625 DURAHART ST
 RIVERSIDE, CA 92507
 Site 3 of 4 in cluster P
 CERCLIS
 Site ID: 0901689
 Federal Facility: Not a Federal Facility
 NPL Status: Not on the NPL
 Non NPL Status: Other Cleanup Activity: State-Lead Cleanup

DEVOE MARINE COATINGS
 2625 DURAHART ST
 RIVERSIDE, CA 92507
 Site 3 of 4 in cluster P
 CERCLIS
 Site ID: 0901689
 Federal Facility: Not a Federal Facility
 NPL Status: Not on the NPL
 Non NPL Status: Other Cleanup Activity: State-Lead Cleanup

DEVOE MARINE COATINGS (Continued)
 Alias Name: 400976
 Alias Type: Project Code (Site Code)
 Completed Info:
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Site Screening
 Completed Date: 2007-06-06 00:00:00
 Comments: Site Screening approved by EPA. "OCA Start - RWQCB".
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Preliminary Endangerment Assessment Workplan
 Completed Date: 2002-09-23 00:00:00
 Comments: Approved by U.S. EPA.
 Future Area Name: Not reported
 Future Sub Area Name: Not reported
 Future Document Type: Not reported
 Future Due Date: Not reported
 Schedule Area Name: Not reported
 Schedule Sub Area Name: Not reported
 Schedule Document Type: Not reported
 Schedule Due Date: Not reported
 Schedule Revised Date: Not reported

DEVOE MARINE COATINGS
 2625 DURAHART ST
 RIVERSIDE, CA 92507
 Site 3 of 4 in cluster P
 CERCLIS
 Site ID: 0901689
 Federal Facility: Not a Federal Facility
 NPL Status: Not on the NPL
 Non NPL Status: Other Cleanup Activity: State-Lead Cleanup

DEVOE MARINE COATINGS
 2625 DURAHART ST
 RIVERSIDE, CA 92507
 Site 3 of 4 in cluster P
 CERCLIS
 Site ID: 0901689
 Federal Facility: Not a Federal Facility
 NPL Status: Not on the NPL
 Non NPL Status: Other Cleanup Activity: State-Lead Cleanup

DEVOE MARINE COATINGS
 2625 DURAHART STREET
 RIVERSIDE, CA 92502
 Site 2 of 4 in cluster P
 ENVIROSTOR
 Evaluation: Not reported
 Evaluation Acres: NO
 NPL: US, EPA
 Regulatory Agencies: NONE SPECIFIED
 Lead Agency: NONE SPECIFIED
 Program Manager: Not reported
 Supervisor: Greg Holmes
 Division Branch: Cypress
 Facility ID: 33280153
 Site Code: 400976
 Assembly: 64
 Senate: 31
 Special Program: Not reported
 Status: Releaser/Other Agency
 Status Date: 9/5/2003 0:00
 Restricted Use: NO
 Site Mgmt. Req.: NONE SPECIFIED
 Funding: EPA Grant
 Latitude: 33.98718155
 Longitude: -117.3521943
 APN: NONE SPECIFIED
 Past Use: NONE SPECIFIED
 Potential COC: 10003, 10009
 Confirmed COC: NONE SPECIFIED
 Potential Description: NONE SPECIFIED
 Alias Name: 33280153
 Envirostor ID Number: Envirostor ID Number
 Alias Name: DEVOE MARINE COATINGS
 Alternate Name: DEVOE MARINE COATINGS
 Alias Name: CAD097574073
 Alias Type: EPA Identification Number

DEVOE MARINE COATINGS
 2625 DURAHART ST
 RIVERSIDE, CA 92507
 Site 3 of 4 in cluster P
 CERCLIS
 Site ID: 0901689
 Federal Facility: Not a Federal Facility
 NPL Status: Not on the NPL
 Non NPL Status: Other Cleanup Activity: State-Lead Cleanup

DEVOE MARINE COATINGS
 2625 DURAHART ST
 RIVERSIDE, CA 92507
 Site 3 of 4 in cluster P
 CERCLIS
 Site ID: 0901689
 Federal Facility: Not a Federal Facility
 NPL Status: Not on the NPL
 Non NPL Status: Other Cleanup Activity: State-Lead Cleanup

DEVOE MARINE COATINGS (Continued)
 Alias Name: 400976
 Alias Type: Project Code (Site Code)
 Completed Info:
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Site Screening
 Completed Date: 2007-06-06 00:00:00
 Comments: Site Screening approved by EPA. "OCA Start - RWQCB".
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Preliminary Endangerment Assessment Workplan
 Completed Date: 2002-09-23 00:00:00
 Comments: Approved by U.S. EPA.
 Future Area Name: Not reported
 Future Sub Area Name: Not reported
 Future Document Type: Not reported
 Future Due Date: Not reported
 Schedule Area Name: Not reported
 Schedule Sub Area Name: Not reported
 Schedule Document Type: Not reported
 Schedule Due Date: Not reported
 Schedule Revised Date: Not reported

DEVOE MARINE COATINGS
 2625 DURAHART ST
 RIVERSIDE, CA 92507
 Site 3 of 4 in cluster P
 CERCLIS
 Site ID: 0901689
 Federal Facility: Not a Federal Facility
 NPL Status: Not on the NPL
 Non NPL Status: Other Cleanup Activity: State-Lead Cleanup

DEVOE MARINE COATINGS
 2625 DURAHART ST
 RIVERSIDE, CA 92507
 Site 3 of 4 in cluster P
 CERCLIS
 Site ID: 0901689
 Federal Facility: Not a Federal Facility
 NPL Status: Not on the NPL
 Non NPL Status: Other Cleanup Activity: State-Lead Cleanup

DEVOE MARINE COATINGS
 2625 DURAHART STREET
 RIVERSIDE, CA 92502
 Site 2 of 4 in cluster P
 ENVIROSTOR
 Evaluation: Not reported
 Evaluation Acres: NO
 NPL: US, EPA
 Regulatory Agencies: NONE SPECIFIED
 Lead Agency: NONE SPECIFIED
 Program Manager: Not reported
 Supervisor: Greg Holmes
 Division Branch: Cypress
 Facility ID: 33280153
 Site Code: 400976
 Assembly: 64
 Senate: 31
 Special Program: Not reported
 Status: Releaser/Other Agency
 Status Date: 9/5/2003 0:00
 Restricted Use: NO
 Site Mgmt. Req.: NONE SPECIFIED
 Funding: EPA Grant
 Latitude: 33.98718155
 Longitude: -117.3521943
 APN: NONE SPECIFIED
 Past Use: NONE SPECIFIED
 Potential COC: 10003, 10009
 Confirmed COC: NONE SPECIFIED
 Potential Description: NONE SPECIFIED
 Alias Name: 33280153
 Envirostor ID Number: Envirostor ID Number
 Alias Name: DEVOE MARINE COATINGS
 Alternate Name: DEVOE MARINE COATINGS
 Alias Name: CAD097574073
 Alias Type: EPA Identification Number

DEVOE MARINE COATINGS
 2625 DURAHART ST
 RIVERSIDE, CA 92507
 Site 3 of 4 in cluster P
 CERCLIS
 Site ID: 0901689
 Federal Facility: Not a Federal Facility
 NPL Status: Not on the NPL
 Non NPL Status: Other Cleanup Activity: State-Lead Cleanup

DEVOE MARINE COATINGS
 2625 DURAHART ST
 RIVERSIDE, CA 92507
 Site 3 of 4 in cluster P
 CERCLIS
 Site ID: 0901689
 Federal Facility: Not a Federal Facility
 NPL Status: Not on the NPL
 Non NPL Status: Other Cleanup Activity: State-Lead Cleanup

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Map ID
Direction
Distance
Elevation

EDR ID Number
EPA ID Number

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

Database(s)

Database(s)

DEVOE COATINGS (Continued)

1000332285

1000332285

Date Completed: 10/26/90
Priority Level: Not reported

Action:
Date Started: Not reported
Date Completed: 04/27/93
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

Action:
Date Started: 10/01/01
Date Completed: 09/23/02
Priority Level: Low priority for further assessment

Action:
Date Started: Not reported
Date Completed: 06/06/07
Priority Level: Not reported

Used oil Specification marketer: Unknown
Used oil transfer facility: Unknown
Used oil transporter: Unknown
Off-site waste receiver: Verified to be non-commercial

Historical Generators:
Date form received by agency: 04/15/1989
Site name: DEVOE COATINGS
Classification: GLIDDEN COMPANY
Large Quantity Generator

Date form received by agency: 03/12/1987
Site name: DEVOE COATINGS
Classification: Small Quantity Generator

Date form received by agency: 03/12/1987
Site name: DEVOE COATINGS
Classification: Large Quantity Generator

Date form received by agency: 09/01/1986
Site name: DEVOE COATINGS
Classification: Large Quantity Generator

Date form received by agency: 07/12/1986
Site name: DEVOE COATINGS COMPANY
Classification: Large Quantity Generator

Date form received by agency: 03/30/1994
Site name: DEVOE COATINGS
Classification: Large Quantity Generator

Date form received by agency: 03/26/1992
Site name: DEVOE COATINGS COMPANY
Classification: Large Quantity Generator

Date form received by agency: 04/05/1990
Site name: DEVOE COATINGS
Classification: Large Quantity Generator

Facility name: DEVOE COATINGS
Site name: GLIDDEN COMPANY
Classification: Large Quantity Generator

Facility name: DEVOE COATINGS
Site name: DEVOE COATINGS
Classification: Small Quantity Generator

Facility name: DEVOE COATINGS
Site name: DEVOE COATINGS
Classification: Large Quantity Generator

Facility name: DEVOE COATINGS
Site name: DEVOE COATINGS
Classification: Large Quantity Generator

Facility name: DEVOE COATINGS
Site name: DEVOE COATINGS COMPANY
Classification: Large Quantity Generator

Facility name: DEVOE COATINGS
Site name: DEVOE COATINGS COMPANY
Classification: Large Quantity Generator

Facility name: DEVOE COATINGS
Site name: DEVOE COATINGS COMPANY
Classification: Large Quantity Generator

RRA-SQG:

Date form received by agency: 10/12/2000
Facility name: DEVOE COATINGS
Site name: GLIDDEN CO DEVOE COATINGS COMPANY
Facility address: 2625 DURAHARY STREET
RIVERSIDE, CA 92507
C-AD097574073
925 EUCLID AVENUE
CLEVELAND, OH 44115
MICHAEL THOMAS
Contact: Not reported
Contact address: Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: (216) 344-8987
EPA Region: Not reported
Land type: 09
Classification: Private
Description: Small Small Quantity Generator
Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time, or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Facility Has Received Notices of Violations:
Regulation violated: FR - FEA
Area of violation: Formal Enforcement Agreement or Order
Date violation determined: 08/10/1984
Date achieved compliance: 05/16/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/16/1984
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: Unknown
Transporter of hazardous waste: Unknown
Treater, storer or disposer of HW: No
Underground injection activity: Unknown
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: Unknown
Used oil processor: Unknown
User oil refiner: Unknown
Used oil fuel marketer to burner: Unknown

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

DEVOE COATINGS (Continued)

1000332285

DEVOE COATINGS (Continued)

1000332285

and financial information.

LUST:
 Region: STATE
 Global Id: T0606500056
 Latitude: 33.988034
 Longitude: -117.351759
 Case Type: LUST Cleanup Site
 Status: Completed - Case Closed
 Lead Agency: SANTA ANA RWQCB (REGION 8)
 Case Worker: NOM
 Local Agency: RIVERSIDE COUNTY LOP
 RB Case Number: 0833005001
 LOC Case Number: 88204
 File Location: Not reported
 Potential Media Affect: Aquifer used for drinking water supply
 Potential Contaminants of Concern: *Chlorinated Hydrocarbons
 Site History: Not reported

LUST REG 8:
 Region: 8
 County: Riverside
 Regional Board: Santa Ana Region
 Facility Status: Case Closed
 Case Number: 0833005001
 Local Case Num: Not reported
 Case Type: Aquifer affected
 Substance: Chlorinated Hydrocarbons
 Qty Leaked: Not reported
 Abate Method: VEGTTP
 Cross Street: MASSACHUSETTS
 Ent Type: None Taken
 Funding: Not reported
 How Discovered: Not reported
 How Stopped: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Global ID: T0606500056
 How Stopped Date: 7/20/1987
 Enter Date: Not reported
 Review Date: Not reported
 Prelim Assess: Not reported
 Discover Date: Not reported
 Enforcement Date: 1/1/1965
 Close Date: 6/17/1997
 Workplan: Not reported
 Pollution Char: 1/17/1990
 Remed Plan: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Enter Date: 7/20/1987
 GW Qualifies: Not reported
 Soil Qualifies: Not reported
 Operator: Not reported

Facility Contact: Not reported
 Interim: Yes
 Oversight Program: LUST
 Latitude: 33.9881482
 Longitude: -117.3507515
 MTBE Date: Not reported
 Max MTBE GW: Not reported
 MTBE Concentration: 0
 Max MTBE Soil: Not reported
 MTBE Tested: 0
 MTBE Class: * Not Required to be Tested.
 Staff: NOM
 Staff Initials: UNK
 Lead Agency: Regional Board
 Local Agency: 33000L
 Hydr Basin #: UPPER SANTA ANA VALL
 Beneficial: Not reported
 Priority: Not reported
 Cleanup Fund Id: Not reported
 Work Suspended: Not reported
 Summary: WP FOR ADDITIONAL SITE INVESTIGATION APPROVED 9/90. 896 - CONFIRMATION SAMPLING AND ONE ADDITIONAL WELL. TRACE OF FP IN ONE WELL - MONITORING FOR ONE YEAR AND WILL REVIEW AND MEET WITH DEVOE (5/97).

HIST LUST:

Region: STATE
 Facility ID: 00000008415
 Facility Type: Other
 Other Type: PAINT MANUFACTURER
 Total Tanks: 0007
 Contact Name: DAVID V. GARCIA
 Telephone: 7146866930
 Owner Name: GROW GROUP, INC.
 Owner Address: 200 PARK AVENUE, PAN AM BUILDI
 Owner City, St, Zip: NEW YORK, NY 10017
 Tank Num: 001
 Container Num: 1
 Year Installed: 1958
 Tank Capacity: 00002000
 Tank Used for: PRODUCT
 Type of Fuel: Not reported
 Tank Construction: Not reported
 Leak Detection: Pressure Test
 Tank Num: 002
 Container Num: SUMP #1
 Year Installed: Not reported
 Tank Capacity: 00000400
 Tank Used for: WASTE
 Type of Fuel: Not reported
 Tank Construction: 2 inches
 Leak Detection: Visual
 Tank Num: 003
 Container Num: 6

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEVOE COATINGS (Continued)

1000332285

DEVOE COATINGS (Continued)

1000332285

Year Installed: 1958
 Tank Capacity: 00010000
 Tank Used for: PRODUCT
 Type of Fuel: Not reported
 Tank Construction: Not reported
 Leak Detection: Pressure Test

Tank Num: 004
 Container Num: 5
 Year Installed: 1958
 Tank Capacity: 00010000
 Tank Used for: PRODUCT
 Type of Fuel: Not reported
 Tank Construction: Not reported
 Leak Detection: Pressure Test

Tank Num: 005
 Container Num: 2
 Year Installed: 1958
 Tank Capacity: 00002000
 Tank Used for: PRODUCT
 Type of Fuel: Not reported
 Tank Construction: Not reported
 Leak Detection: Pressure Test

Tank Num: 006
 Container Num: 3
 Year Installed: 1958
 Tank Capacity: 00002000
 Tank Used for: PRODUCT
 Type of Fuel: Not reported
 Tank Construction: Not reported
 Leak Detection: Pressure Test

Tank Num: 007
 Container Num: 4
 Year Installed: 1958
 Tank Capacity: 00002000
 Tank Used for: PRODUCT
 Type of Fuel: Not reported
 Tank Construction: Not reported
 Leak Detection: Pressure Test

HAZNET:
 Gepaid: CAD097574073
 Contact: MIKE THOMAS - ENV SPEC
 Telephone: 2163448887
 Facility Addr: Not reported
 Mailing Name: RHONDA CROSS
 Mailing Address: 925 EUCLID AVE STE 800 & 900
 Mailing City,St,Zip: CLEVELAND, OH 441151487
 Gen County: Riverside
 TSD EPA ID: CAD008302903
 TSD County: Riverside
 Waste Category: Unspecified solvent mixture Waste
 Disposal Method: Recycler
 Tons: 3.44

Facility County: Riverside
 Gepaid: CAD097574073
 Contact: ROBERT KOVALAK
 Telephone: 4402978282
 Facility Addr: Not reported
 Mailing Name: Not reported
 Mailing Address: 15885 WEST SPRAGUE RD
 Mailing City,St,Zip: STRONGSVILLE, OH 44136
 Gen County: Riverside
 TSD EPA ID: CAD008302903
 TSD County: Los Angeles
 Waste Category: Unspecified solvent mixture Waste
 Disposal Method: H039
 Tons: 2.05
 Facility County: Riverside

Gepaid: CAD097574073
 Contact: ROBERT KOVALAK
 Telephone: 4402978282
 Facility Addr: Not reported
 Mailing Name: Not reported
 Mailing Address: 15885 WEST SPRAGUE RD
 Mailing City,St,Zip: STRONGSVILLE, OH 441360000
 Gen County: Riverside
 TSD EPA ID: CAD008302903
 TSD County: Los Angeles
 Waste Category: Unspecified solvent mixture Waste
 Disposal Method: H039
 Tons: 1.6
 Facility County: Riverside

Gepaid: CAD097574073
 Contact: MIKE THOMAS - ENV SPEC
 Telephone: 2163448887
 Facility Addr: Not reported
 Mailing Name: Not reported
 Mailing Address: 925 EUCLID AVE STE 800 & 900
 Mailing City,St,Zip: CLEVELAND, OH 441151487
 Gen County: Riverside
 TSD EPA ID: CAD008302903
 TSD County: Los Angeles
 Waste Category: Unspecified solvent mixture Waste
 Disposal Method: Recycler
 Tons: 1.1
 Facility County: Not reported

Gepaid: CAD097574073
 Contact: MIKE THOMAS - ENV SPEC
 Telephone: 2163448887
 Facility Addr: Not reported
 Mailing Name: Not reported
 Mailing Address: 925 EUCLID AVE STE 800 & 900
 Mailing City,St,Zip: CLEVELAND, OH 441151487
 Gen County: Riverside
 TSD EPA ID: CAD008302903
 TSD County: Los Angeles

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Site

Site

Site

EDR ID Number
EPA ID Number
Database(s)

EDR ID Number
EPA ID Number
Database(s)

DEVOE COATINGS (Continued)

Waste Category: Unspecified solvent mixture Waste
Disposal Method: Recycler
Tons: 1.25
Facility County: Riverside

[Click this hyperlink](#) while viewing on your computer to access additional CA_HAZNET detail in the EDR Site Report.

1000332285

LAUS INVESTMENT COMPANY (Continued)

Close Date: 4/4/1989
Workplan: Not reported
Pollution Char: 10/15/1987
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Enter Date: 10/15/1987
GW Qualifies: Not reported
Soil Qualifies: Not reported
Operator: Not reported
Facility Contact: Not reported
Interim: Not reported
Oversite Program: LUST
Latitude: 33.9881722
Longitude: -117.3504845
Max MTBE GW: Not reported
MTBE Concentration: Not reported
Max MTBE Fuel: 0
MTBE Tested: 1
MTBE Class: *
Staff: PAH
Local Agency: UNK
Hydr Basin #: 33000L
Priority: UPPER SANTA ANA VALL
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: Not reported

S102432541

LAUS INVESTMENT COMPANY

2620 DURAHART ST
RIVERSIDE, CA 92507

Site 4 of 4 in cluster P

LUST S102432541
N/A

Close Date: 4/4/1989
Workplan: Not reported
Pollution Char: 10/15/1987
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Enter Date: 10/15/1987
GW Qualifies: Not reported
Soil Qualifies: Not reported
Operator: Not reported
Facility Contact: Not reported
Interim: Not reported
Oversite Program: LUST
Latitude: 33.9881722
Longitude: -117.3504845
Max MTBE GW: Not reported
MTBE Concentration: Not reported
Max MTBE Fuel: 0
MTBE Tested: 1
MTBE Class: *
Staff: PAH
Local Agency: UNK
Hydr Basin #: 33000L
Priority: UPPER SANTA ANA VALL
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: Not reported

S102432541

P83

NNW
1/4-1/2
0.386 mi.
2036 ft.

Relative:
Lower
Actual:
914 ft.

Region: STATE
Global Id: T060500074
Latitude: 33.9881722
Longitude: -117.3504845
Case Type: LUST-Cleanup Site
Status: Completed - Case Closed
1989-04-04 00:00:00
RIVERSIDE COUNTY, LOP
UNK
RIVERSIDE COUNTY, LOP
RB Case Number: 083300662T
Not reported
File Location: Soil
Potential Media Affect: Gasoline
Site History: Not reported

LUST REG 8:

Region: 8 Riverside
County: Santa Ana Region
Regional Board: Case Closed
Facility Status: 083300662T
Case Number: Not reported
Local Case Num: Soil only
Case Type: Gasoline
Substance: Not reported
Qty Leaked: Not reported
Abate Method: MASSACHUSETTS
Cross Street: CLOS
Enf Type: Not reported
Funding: Not reported
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global ID: T0606500074
How Stopped Date: Not reported
Enter Date: 10/15/1987
Review Date: Not reported
Prelim Assess: Not reported
Discover Date: Not reported
Enforcement Date: Not reported

Notify 65
U000034633
N/A

84
North
1/4-1/2
0.407 mi.
2150 ft.
Relative:
Lower
Actual:
930 ft.

J.D. DIFENBRUGH
2375 CHICAGO STREET
RIVERSIDE, CA 90040
Notify 65:
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 90040

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

Site

Database(s)

EDR ID Number
EPA ID Number

Q85
SE
1/4-1/2
0.423 mi.
2235 ft.
Relative:
Higher
Actual:
1007 ft.

TEXACO SERVICE STATION
1221 UNIVERSITY AVE
RIVERSIDE, CA 92507
Site 1 of 2 in cluster Q

CORTESE:
Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 083302877T

LUST:
Region: STATE
Global Id: T0606500471
Latitude: 33.9757079
Longitude: -117.2598577
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1997-07-28 00:00:00
Case Worker: RIVERSIDE COUNTY LOP
Local Agency: SCB
RB Case Number: RIVERSIDE COUNTY LOP
LOC Case Number: 083302877T
File Location: Local Agency Warehouse
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST REG 8:
Region: 8
County: Riverside
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083302877T
Local Case Num: 900696
Case Type: Soil only
Substance: Gasoline
City Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Cross Street: IOWA
Ent Type: CLOS
Funding: Not reported
How Discovered: Tank Closure
How Stopped: Not reported
Leak Cause: UNK
Leak Source: UNK
Global ID: T0606500471
How Stopped Date: 10/16/1996
Enter Date: 9/16/1996
Review Date: 7/3/1996
Prelim Assess: Not reported
Discover Date: 7/3/1996
Enforcement Date: Not reported
Close Date: 7/28/1997
Workplan: Not reported

HIST CORTESE S101590154
LUST
CA FID UST
SWEEPS UST

TEXACO SERVICE STATION (Continued)

Pollution Char: 6/21/1996
Remed Plan: 8/20/1996
Remed Action: 10/11/1996
Monitoring: 4/30/1997
Enter Date: 9/16/1996
GW Qualifies: Not reported
Soil Qualifies: Not reported
Operator: Not reported
Facility Contact: Not reported
Interim: Not reported
Oversite Program: LUST
Latitude: 33.9757476
Longitude: -117.3379849
MTBE Date: Not reported
Max MTBE GW: Not reported
MTBE Concentration: 0
Max MTBE Soil: Not reported
MTBE Fuel: 1
MTBE Tested: 1
MTBE Class: *
Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Staff: RS
Local Agency: UNK
Local Agency: 33000L
Hydr Basin #: UPPER SANTA ANA VALL
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: Not reported

RIVERSIDE CO. LUST:
Region: RIVERSIDE
Facility ID: 200117614
Site Closed: Yes
Date Closed: 6/17/2003
Case Type: Soil only
Site Number: RO6600514
Region: RIVERSIDE
Facility ID: 200218406
Site Closed: Referred to Water Board
Date Closed: 4/15/2003
Case Type: Drinking Water Aquifer affected
Site Number: RO6600536

CA FID UST:
Facility ID: 33004934
Regulated By: LTNKA
Regulated ID: 00007317
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 71477885275
Mail To: Not reported
Mailing Address: 299 W FOOTHILL BLVD
Mailing Address 2: Not reported

Map ID
Direction
Distance
Elevation

Site

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

TEXACO SERVICE STATION (Continued)

Mailing City, St, Zip: RIVERSIDE 92504
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:

Status: A
Comp Number: 7317
Number: 1
Board Of Equalization: 44-000217
Ref Date: 11-19-92
Act Date: 11-19-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 001008
Swrcb Tank Id: 33-000-007317-000002
Capacity: 12000
Tank Use: M.V. FUEL
Sig: P
Content: REG UNLEADED
Number Of Tanks: 4

Status: A
Comp Number: 7317
Number: 1
Board Of Equalization: 44-000217
Ref Date: 11-19-92
Act Date: 11-19-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 001008
Swrcb Tank Id: 33-000-007317-000003
Capacity: 10000
Tank Use: M.V. FUEL
Sig: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 7317
Number: 1
Board Of Equalization: 44-000217
Ref Date: 11-19-92
Act Date: 11-19-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 001008
Swrcb Tank Id: 33-000-007317-000004
Capacity: 10000
Tank Use: M.V. FUEL

TEXACO SERVICE STATION (Continued)

Sig: P
Content: LEADED
Number Of Tanks: Not reported
Status: A
Comp Number: 7317
Number: 1
Board Of Equalization: 44-000217
Ref Date: 11-19-92
Act Date: 11-19-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 001008
Swrcb Tank Id: 33-000-007317-000005
Capacity: 10000
Tank Use: M.V. FUEL
Sig: P
Content: DIESEL
Number Of Tanks: Not reported

Q86
SE
1221 UNIVERSITY AVE
RIVERSIDE, CA
0.423 mi.
2235 ft.

LUST
S104870680
N/A

Relative:
Higher
Actual:
1007 ft.
Region: RIVERSIDE
Facility ID: 960688
Site Closed: Yes
Date Closed: 7/28/1987
Case Type: Soil only
Site Number: RO6600275

87
West
1/4-1/2
0.428 mi.
2260 ft.

SLIC
S106487195
N/A

Relative:
Lower
Actual:
910 ft.
Region: RIVERSIDE
Facility Status: Open - Verification Monitoring
Status Date: Not reported
Global Id: SLU060683253
Lead Agency: SANTA ANA RWQCB (REGION 8)
Lead Agency Case Number: Not reported
Latitude: 33.98466899999997
Longitude: -117.353859
Case Type: Cleanup Program Site
Case Worker: WDM
Local Agency: Not reported
RB Case Number: LGC_RIV
File Location: Regional Board
Potential Media Affected: Aquifer used for drinking water supply, Soil

S101590154

S101590154

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUXFER GAS CYLINDERS (Continued) S106487195

Potential Contaminants of Concern: Other Chlorinated Hydrocarbons, Tetrachloroethylene (PCE), Trichloroethylene (TCE), Lead, Other Metal, Diesel, Gasoline, Waste Oil / Motor / Hydraulic / Lubricating
Site History: Primary UST Area - On September 17, 2002, a UST was discovered at the Luxfer facility during installation of a new sewer line. The UST was located in an asphalt paved area between Buildings 2 and 3. The 2,000-gallon UST was six feet in diameter, 24 feet

88
South
1/4-1/2
0.463 mi.
2442 ft.
Relative:
Higher
Actual:
962 ft.

FOOD 4 LESS #329
3900 CHICAGO AVE
RIVERSIDE, CA 92507
SWRCY S108937674
HAZNET N/A
Certification Status: O
Facility Phone Number: Not reported
Date facility became certified: 1/28/2007
Date facility began operating: 1/29/2008
Date facility ceased operating: Still operating
Whether The Facility is Grandfathered: Not reported
Convenience Zone Where Facility Located: 1694
Convenience Zone Where Facility Located 2: 4228
Convenience Zone Where Facility Located 3: Not Accepted
Convenience Zone Where Facility Located 4: Not Accepted
Convenience Zone Where Facility Located 5: Not Accepted
Convenience Zone Where Facility Located 6: Not Accepted
Convenience Zone Where Facility Located 7: Not Accepted
Aluminum Beverage Containers Redeemed: AL
Glass Beverage Containers Redeemed: GL
Plastic Beverage Containers Redeemed: PL
Other mat beverage containers redeemed: Not reported
Refillable Beverage Containers Redeemed: Not reported

HAZNET:
Gepaid: CAL000320529
Contact: GAYANN DENHAM
Telephone: 3109003284
Facility Address: Not reported
Mailing Name: Not reported
Mailing Address: 1100 W ARTESIA BLVD
Mailing City, SLZip: COMPTON, CA 90220000
Gen County: Riverside
TSD EPA ID: OHD083377010
TSD County: Not reported
Waste Category: Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions)
Disposal Method: H071
Tons: 0.0065
Facility County: Riverside
Gepaid: CAL000320529
Contact: GAYANN DENHAM
Telephone: 3109003284
Facility Address: Not reported
Mailing Name: Not reported

FOOD 4 LESS #329 (Continued) S108937674

Mailing Address: 1100 W ARTESIA BLVD
Mailing City, SLZip: COMPTON, CA 90220000
Gen County: Riverside
TSD EPA ID: OHD083377010
TSD County: Not reported
Waste Category: Unspecified solvent mixture Waste
Disposal Method: H141
Tons: 0.0045
Facility County: Riverside
Gepaid: CAL000320529
Contact: GAYANN DENHAM
Telephone: 3109003284
Facility Address: Not reported
Mailing Name: Not reported
Mailing Address: 1100 W ARTESIA BLVD
Mailing City, SLZip: COMPTON, CA 90220000
Gen County: Riverside
TSD EPA ID: OHD083377010
TSD County: Not reported
Waste Category: Unspecified aqueous solution
Disposal Method: Not reported
Tons: 0.008
Facility County: Riverside

R89
North
1/4-1/2
0.467 mi.
2468 ft.
Relative:
Lower
Actual:
918 ft.

J.D.DIFFENBAUGH
2375 CHICAGO AVE
RIVERSIDE, CA
Site 1 of 2 in cluster R
RIVERSIDE CO. LUST:
Region: RIVERSIDE
Facility ID: 89318
Site Closed: Yes
Date Closed: 8/1/1989
Case Type: Soil only
Site Number: RO6599772
LUST
S103820782
N/A
R90
North
1/4-1/2
0.467 mi.
2468 ft.
Relative:
Lower
Actual:
918 ft.

DIFFENBAUGH, J.D.
2375 CHICAGO AVE
RIVERSIDE, CA 92507
Site 2 of 2 in cluster R
LUST:
Region: STATE
Global Id: T0606500121
Latitude: 33.989581
Longitude: -117.346962
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1989-08-02 00:00:00
Lead Agency: RIVERSIDE COUNTY LOP
Case Worker: SCB
Local Agency: RIVERSIDE COUNTY LOP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

DIFFENBAUGH, J.D. (Continued)

S10242881

DIFFENBAUGH, J.D. (Continued)

S10242881

RB Case Number: 063301198T
LOC Case Number: 89318
File Location: Local Agency Warehouse
Potential Media Affect: Soil
Site History: Gasoline Not reported

Local Agency: 33000L
Hydr Basin #: UPPER SANTA ANA VALL
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: Not reported

LUST REG 8:
Region: 8
County: Riverside
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 063301198T
Local Case Num: Not reported
Case Type: Soil only
Substance: Gasoline
City Leaked: Not reported
Abate Method: Not reported
Cross Street: SPRUCE
Enf Type: CLOS
Funding: State Funds
How Discovered: Tank Closure
How Stopped: Not reported
Leak Cause: Overflow
Leak Source: Tank
Global ID: T0606500121
How Stopped Date: 4/10/1989
Enter Date: Not reported
Review Date: Not reported
Prelim Assess: 7/24/1989
Discover Date: 4/10/1989
Enforcement Date: 1/1/1965
Close Date: 8/14/1989
Workplan: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Enter Date: Not reported
GW Qualifies: Not reported
Soil Qualifies: Not reported
Operator: Not reported
Facility Contact: Not reported
Interim: Yes
Oversite Program: LUST
Latitude: 33.9896292
Longitude: -117.3486155
MTBE Date: Not reported
Max MTBE GW: Not reported
MTBE Concentration: 0
Max MTBE Soil: Not reported
MTBE Fuel: 1
MTBE Tested: *
MTBE Class: *
Staff: PAH
Lead Agency: UNK
Local Agency: Local Agency

CDL: 200105017
Facility ID: Abandoned Drug Lab Waste (A) - location away from an actual illegal drug lab where drug lab waste and/or equipment were abandoned.
Lab Type:

S91
ESE
1/4-1/2
0.494 mi.
2608 ft.
Relative:
Higher
Actual:
1016 ft.

MOBIL #18-402
1147 UNIVERSITY AVE
RIVERSIDE, CA 92507
Site 1 of 2 in cluster S
CORTESE
Region: 33
Facility County Code: LTNKA
Reg By: 063303453T
Reg Id:

HIST CORTESE S101589937
LUST NA
CA FID UST
SWEEPS UST
HAZNET

LUST:
Region: STATE
Global Id: T0606500586
Latitude: 33.9757296
Longitude: -117.3358158
Case Type: LUST Cleanup Site
Status: Open - Verification Monitoring
Status Date: 2007-03-27 00:00:00
Lead Agency: RIVERSIDE COUNTY LOP
Case Worker: YR
Local Agency: RIVERSIDE COUNTY LOP
RB Case Number: 063303453T
LOC Case Number: 9914834
File Location: Local Agency
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST REG 8:
Region: 8
County: Riverside
Regional Board: Santa Ana Region
Facility Status: Pollution Characterization
Case Number: 063303453T
Local Case Num: 9914834
Case Type: Soil only
Substance: Gasoline
Qty Leaked: Not reported
Abate Method: Not reported
Cross Street: I-215
Enf Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

Site

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

Site

MOBIL #18-402 (Continued)

S101589937

MOBIL #18-402 (Continued)

S101589937

Funding: Not reported
 How Discovered: Subsurface Monitoring
 How Stopped: Not reported
 Leak Cause: UNK
 Leak Source: UNK
 Global ID: T0606500586
 How Stopped Date: 10/22/1998
 Enter Date: 5/12/1999
 Review Date: 12/30/1998
 Prelim Assess: 1/7/1999
 Discover Date: Not reported
 Enforcement Date: Not reported
 Close Date: Not reported
 Workplan: 3/13/2001
 Pollution Char: Not reported
 Remed Plan: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Enter Date: 5/12/1999
 GW Qualifies: =
 Soil Qualifies: =
 Operator: Not reported
 Facility Contact: Not reported
 Interim: Not reported
 LUST
 Oversight Program:
 Latitude: 33.9757296
 Longitude: -117.3368158
 MTBE Date: 11/28/2001
 Mix MTBE GW: 9.4
 MTBE Concentration: 1
 Mix MTBE Soil: 1
 MTBE Fuel: 1
 MTBE Testes: * MTBE Detected. Site tested for MTBE & MTBE detected
 MTBE Class: *
 Staff: RS
 Local Agency: UNK
 Local Agency: 3300DL
 Hydr Basin #: UPPER SANTA ANA VALL
 Beneficial: Not reported
 Priority: Not reported
 Cleanup Fund Id: Not reported
 Work Suspended: Not reported
 Summary: Not reported

CA FID UST:
 Facility ID: 33001427
 Regulated By: UTKNA
 Regulated ID: 00039266
 Certese Code: Not reported
 SIC Code: Not reported
 Facility Phone: 7146839434
 Mail To: Not reported
 Mailing Address: 3225 GALLOWS RD
 Mailing Address 2: Not reported
 Mailing City,St,Zip: RIVERSIDE 92507
 Contact: Not reported

Contact Phone: Not reported
 DUNS Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Active
 SWEEPS UST:
 Status: A
 Comp Number: 39266
 Number: 1
 Board Of Equalization: 44-000400
 Ref Date: 11-17-92
 Act Date: 11-17-92
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 000727
 Swrcb Tank Id: 33-000-039266-000001
 Actv Date: 11-17-92
 Capacity: 12000
 Tank Use: M.V. FUEL
 Sig: P
 Content: REG UNLEADED
 Number Of Tanks: 4

Status: A
 Comp Number: 39266
 Number: 1
 Board Of Equalization: 44-000400
 Ref Date: 11-17-92
 Act Date: 11-17-92
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 000727
 Swrcb Tank Id: 33-000-039266-000002
 Actv Date: 11-17-92
 Capacity: 8000
 Tank Use: M.V. FUEL
 Sig: P
 Content: DIESEL
 Number Of Tanks: Not reported
 Status: A
 Comp Number: 39266
 Number: 1
 Board Of Equalization: 44-000400
 Ref Date: 11-17-92
 Act Date: 11-17-92
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 000727
 Swrcb Tank Id: 33-000-039266-000003
 Actv Date: 11-17-92
 Capacity: 6000
 Tank Use: M.V. FUEL
 Sig: P
 Content: LEADED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL #18-402 (Continued)

S101589937

S101589937

Number Of Tanks: Not reported
Status: A
Comp Number: 39286
Number: 1
Board Of Equalization: 44-000400
Ref Date: 11-17-92
Act Date: 11-17-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 000727
Swrcb Tank Id: 33-000-039266-000004
Capacity: 1000
Tank Use: M.V. FUEL
Sig: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Gen County: Riverside
TSD EPA ID: CAD028409019
Waste Category: Aqueous solution with 10% or more total organic residues
Disposal Method: Transfer Station
Tons: 0.68
Facility County: Riverside

Gepaid: CAL000055820
Contact: DALE VIATOR, ENVTL ADVISOR
Telephone: 2816548470
Facility Addr: Not reported
Mailing Name: VEEDER-ROOT CMS
Mailing Address: 16825 NORTHCASE DRIVE RM 911
Mailing City,St,Zip: HOUSTON, TX 770600000
Gen County: Riverside
TSD EPA ID: CAD028409019
Waste Category: Unspecified oil-containing waste
Disposal Method: Treatment, Tank
Tons: 1.2
Facility County: Riverside

HAZNET:
Gepaid: CAL000055820
Contact: DALE VIATOR, ENVTL ADVISOR
Telephone: 2816548470
Facility Addr: Not reported
Mailing Name: VEEDER-ROOT CMS
Mailing Address: 16825 NORTHCASE DRIVE RM 911
Mailing City,St,Zip: HOUSTON, TX 770600000
Gen County: Riverside
TSD EPA ID: CAD045226370
Waste Category: Unspecified oil-containing waste
Disposal Method: Treatment, Tank
Tons: 0.25
Facility County: Riverside

Gepaid: CAL000055820
Contact: DALE VIATOR, ENVTL ADVISOR
Telephone: 2816548470
Facility Addr: Not reported
Mailing Name: VEEDER-ROOT CMS
Mailing Address: 16825 NORTHCASE DRIVE RM 911
Mailing City,St,Zip: HOUSTON, TX 770600000
Gen County: Riverside
TSD EPA ID: CAD028409019
Waste Category: Aqueous solution with 10% or more total organic residues
Disposal Method: Treatment, Tank
Tons: 0.41
Facility County: Riverside

Gepaid: CAL000055820
Contact: DALE VIATOR, ENVTL ADVISOR
Telephone: 2816548470
Facility Addr: Not reported
Mailing Name: VEEDER-ROOT CMS
Mailing Address: 16825 NORTHCASE DRIVE RM 911
Mailing City,St,Zip: HOUSTON, TX 770600000
Gen County: Riverside
TSD EPA ID: CAD028409019
Waste Category: Unspecified aqueous solution
Disposal Method: Treatment, Tank
Tons: 1.37
Facility County: Riverside

Gepaid: CAL000055820
Contact: DALE VIATOR, ENVTL ADVISOR
Telephone: 2816548470
Facility Addr: Not reported
Mailing Name: VEEDER-ROOT CMS
Mailing Address: 16825 NORTHCASE DRIVE RM 911
Mailing City,St,Zip: HOUSTON, TX 770600000
Gen County: Riverside
TSD EPA ID: CAD028409019
Waste Category: Aqueous solution with 10% or more total organic residues
Disposal Method: Treatment, Tank
Tons: 0.41
Facility County: Riverside

Gepaid: CAL000055820
Contact: DALE VIATOR, ENVTL ADVISOR
Telephone: 2816548470
Facility Addr: Not reported
Mailing Name: VEEDER-ROOT CMS
Mailing Address: 16825 NORTHCASE DRIVE RM 911
Mailing City,St,Zip: HOUSTON, TX 770600000

Gepaid: CAL000055820
Contact: DALE VIATOR, ENVTL ADVISOR
Telephone: 2816548470
Facility Addr: Not reported
Mailing Name: VEEDER-ROOT CMS
Mailing Address: 16825 NORTHCASE DRIVE RM 911
Mailing City,St,Zip: HOUSTON, TX 770600000
Gen County: Riverside
TSD EPA ID: CAD028409019
Waste Category: Aqueous solution with 10% or more total organic residues
Disposal Method: Treatment, Tank
Tons: 0.41
Facility County: Riverside

MOBIL #18-402
1147 UNIVERSITY AVE
RIVERSIDE, CA

LUST S104970912
NA

S92
ESE
1/4-1/2
0.494 ml.
2608 ft.

Relative:
Higher
Actual:
1016 ft.

Site 2 of 2 in cluster S
RIVERSIDE CO. LUST:
Region: RIVERSIDE
Facility ID: 9914534
Site Closed: Not Closed
Date Closed: Not reported
Case Type: Drinking Water Aquifer affected
Site Number: RC65005686

Click this hyperlink while viewing on your computer to access 1 additional CA_HAZNET record(s) in the EDR Site Report.

Map ID
Direction
Distance
Elevation

93
WNW
1/2-1
0.533 mi.
2812 ft.

Relative:
Lower
Actual:
898 ft.

"ALCAN, INC."
3016 KANSAS AV
RIVERSIDE, CA 92507

ENVIROSTOR:
Site Type:
Site Type Detailed:
Acres:
NPL:
Regulatory Agencies:
Lead Agency:
Program Manager:
Supervisor:
Division Branch:
Facility ID:
Site Code:
Assembly:
Senate:
Special Program:
Status:
Status Date:
Restricted Use:
Site Mgmt. Req.:
Funding:
Latitude:
Longitude:
APN:
Past Use:
Potential COC:
Confirmed COC:
Potential Description:
Alias Name:
Alias Type:

Evaluation
Evaluation
Not reported
NO
SMBRP, RWQCB 8 - Santa Ana, US EPA
RWQCB 8 - Santa Ana
Not reported
Greg Holmes
Cypress
60000212
Not reported
64
31
EPA - PASI
Inactive - Needs Evaluation
3/6/2006 0:00
NO
NONE SPECIFIED
Not Applicable
33.98563379
-117.3549701
NONE SPECIFIED
MANUFACTURING - INDUSTRIAL MACHINERY
30022, 3002502, 30027, 30192
3,002,230,027,301,923,000,000
OTH, SOIL
60000212
Envirosstor ID Number

Completed Info:
Completed Area Name:
Completed Sub Area Name:
Completed Document Type:
Completed Date:
Comments:

PROJECT WIDE
Not reported
Not reported
2006-06-13 00:00:00
EPA approval June 13,2006, concurrence that further action is required.

Future Area Name:
Future Sub Area Name:
Future Document Type:
Future Due Date:
Schedule Area Name:
Schedule Sub Area Name:
Schedule Document Type:
Schedule Due Date:
Schedule Revised Date:

Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported

Map ID
Direction
Distance
Elevation

94
NNE
1/2-1
0.584 mi.
3084 ft.

Relative:
Higher
Actual:
962 ft.

VALERION CORPORATION
2280 IOWA
RIVERSIDE, CA 92507

CORTESE:
Region:
Facility County Code:
Reg By:
Reg Id:
ENVIROSTOR:
Site Type:
Site Type Detailed:
Acres:
NPL:
Regulatory Agencies:
Lead Agency:
Program Manager:
Supervisor:
Division Branch:
Facility ID:
Site Code:
Assembly:
Senate:
Special Program:
Status:
Status Date:
Restricted Use:
Site Mgmt. Req.:
Funding:
Latitude:
Longitude:
APN:
Past Use:
Potential COC:
Confirmed COC:
Potential Description:
Alias Name:
Alias Type:
Alias Name:
Alias Type:
Alias Name:
Alias Type:

CORTESE
33
CALSI
33280139
Historical
* Historical
Not reported
NO
NONE SPECIFIED
NONE SPECIFIED
Not reported
*MIMONROY
Cypress
33280139
Not reported
64
31
Not reported
Refer: Other Agency
8/12/1988 0:00
NO
NONE SPECIFIED
Not reported
33.99083333
-117.3394444
NONE SPECIFIED
NONE SPECIFIED
10034, 10196, 10197, 10198
NONE SPECIFIED
NONE SPECIFIED
GTE-VALERION,
Alternate Name
CAD980884415
EPA Identification Number
33280139
Envirosstor ID Number

Completed Info:
Completed Area Name:
Completed Sub Area Name:
Completed Document Type:
Completed Date:
Comments:

PROJECT WIDE
Not reported
Site Screening
1994-10-25 00:00:00
CALSI'S VALIDATION PROGRAM CONFIRMS NFA FOR DTSC.

Future Area Name:
Future Sub Area Name:
Future Document Type:
Future Due Date:
Schedule Area Name:
Schedule Sub Area Name:
Schedule Document Type:
Schedule Due Date:
Schedule Revised Date:

PROJECT WIDE
Not reported
Site Screening
1988-08-12 00:00:00
SITE SCREENING DONE NFA UNDER CERCLA RECOMMENDED BY FIT NFA UNDER
SITE MITIGATION

MAP FINDINGS

Site
Database(s)
EDR ID Number
EPA ID Number

HIST CORTESE
ENVIROSTOR
S100201826
N/A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number EPA ID Number

VALERION CORPORATION (Continued) S100201826

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Preliminary Assessment Report
Completed Document Type: 1984-06-01 00:00:00
Completed Date:
Comments: SOURCE ACT: T/C W/ ESANTIMAW,GTE-VALERI (714)781-4382. 626884 - MFG TUNGSTEN CARBIDE TOOLING. WASTE: METAL FILING, HEPTANE, OIL GRINDING SLUDGE,GRAPHITE. FAC TYPE: CTY OF RIVERSIDE INTER OFFICE MEMO. 1/15/81 - ILLEGAL DUMP OF OIL IN 2 AREAS. SUBMIT TO EPA PRELIM ASSESS DONE RCRA 3012

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 1983-03-22 00:00:00
Comments: FACILITY IDENTIFIED ID FROM RWQCB COMPLAINTS 1980 FILE. CHEM BEING DISPOSED OF IN A PIT BEHIND PLANT. NOT KNOWN IF THE PIT IS LINED OR SPECIFIC CHEM USED. INSPECTOR REP: NO PROB EVIDENT AT SITE. COMPLAINT APPEARS TO BE UNFOUNDED.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

95
NNW
1/2-1
0.530 mi.
3114 ft.
Relative:
Lower
Actual:
891 ft.

Notify 65 S100179035
N/A

LEWIS, A.M.
2727 KANSAS AVENUE
RIVERSIDE, CA 90040

Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 90040

HARRIS FENCE COMPANY
715 LA CADENA DR
RIVERSIDE, CA 92503

HIST CORTESE S100231547
LUST
Notify 65
N/A

CORTESE
Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 083301299T

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number EPA ID Number

HARRIS FENCE COMPANY (Continued) S100231547

LUST REG 8:
Region: 8
County: Riverside
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083301299T
Local Case Num: Not reported
Case Type: Soil only
Substance: Gasoline
Qty Leaked: Not reported
Abate Method: Not reported
Cross Street: SAN REMO
Erft Type: CLOS
Funding: State Funds
How Discovered: Tank Closure
How Stopped: Not reported
Leak Cause: Corrosion
Leak Source: Tank
Global ID: T0608500150
How Stopped Date: 6/7/1989
Enter Date: 9/8/1989
Review Date: Not reported
Prelim Assess: 8/3/1989
Discover Date: 6/7/1989
Enforcement Date: 1/1/1965
Close Date: 6/25/1990
Workplan: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Enter Date: 9/8/1989
GW Qualifies: Not reported
Soil Qualifies: Not reported
Operator: Not reported
Facility Contact: Not reported
Interim: Not reported
Oversite Program: LUST
Latitude: 33.9153025
Longitude: -117.4577411
MTBE Date: Not reported
Max MTBE GW: Not reported
MTBE Concentration: 0
Max MTBE Soil: Not reported
MTBE Fuel: 1
MTBE Tested: 1
MTBE Class: *
Staff: PAH
Staff Initials: UNK
Local Agency: Local Agency
Local Agency: 33000L
Hydr Basin #: UPPER SANTA ANA VALL
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HARRIS FENCE COMPANY (Continued)

RIVERSIDE CO. LUST.
Region: RIVERSIDE
Facility ID: 89725
Site Closed: Yes
Date Closed: 6/25/1990
Case Type: Soil only
Site Number: RC6599798

Notify 65:
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 90040

UNIVERSITY OF CA RIVERSIDE

RIVERSIDE CAMPUS
RIVERSIDE, CA 92521

1000431600
CAD073134777
RCRA-TSDF
CERC-NFRAP
CORRACTS
RCRA-LOG
FINDS
RAATS
HAZNET
HAZNET
ENVIROSTOR
HWP

97
ESE
1/2-1
0.794 mi.
4194 ft.
Relative:
Higher
Actual:
1033 ft.

RCRA--TSDF:
Date form received by agency: 02/27/2008
Facility name: UNIVERSITY OF CALIFORNIA RIVERSIDE
Facility address: 900 UNIVERSITY AVENUE
RIVERSIDE, CA 92521
EPA ID: CAD073134777
Contact: EDUARDO TRUJILLO
Contact address: Not reported
Contact country: Not reported
Contact telephone: (951) 827-4248
Contact email: ED.TRUJILLO@UCR.EDU
EPA Region: 09
Land type: Private
Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste

TSDF commencement date: Not reported
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month; and accumulates more than 1 kg of acutely hazardous waste at any time, or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

UNIVERSITY OF CA RIVERSIDE (Continued)

Owner/Operator Summary:
Owner/operator name: REGENTS UC
Owner/operator address: 900 UNIVERSITY AVENUE
RIVERSIDE, CA 92521
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1948
Owner/Op end date: Not reported
Owner/operator name: UNIVERSITY OF CALIFORNIA RIVERSIDE
Owner/operator address: Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1990
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Universal Waste Summary:
Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: Not reported
Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: Not reported
Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: Not reported
Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: Not reported

1000431600

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

UNIVERSITY OF CA RIVERSIDE (Continued)

1000431600

Historical Generators:

Date form received by agency: 02/27/2006
UNIVERSITY OF CALIFORNIA RIVERSIDE
Large Quantity Generator
Classification:

Date form received by agency: 03/24/2004
UNIVERSITY OF CALIFORNIA RIVERSIDE
Large Quantity Generator
Classification:

Date form received by agency: 02/26/2002
UNIVERSITY OF CALIFORNIA RIVERSIDE
Large Quantity Generator
Classification:

Date form received by agency: 10/12/2000
UNIVERSITY OF CALIFORNIA RIVERSIDE
Large Quantity Generator
Classification:

Date form received by agency: 03/04/1989
UNIVERSITY OF CALIFORNIA RIVERSIDE
Large Quantity Generator
Classification:

Date form received by agency: 09/01/1996
UNIVERSITY OF CALIFORNIA RIVERSIDE
Large Quantity Generator
Classification:

Date form received by agency: 04/01/1986
UNIVERSITY OF CALIFORNIA RIVERSIDE
Large Quantity Generator
Classification:

Date form received by agency: 03/31/1984
UNIVERSITY OF CALIFORNIA RIVERSIDE
Large Quantity Generator
Classification:

Date form received by agency: 02/26/1992
UNIVERSITY OF CALIFORNIA RIVER
Large Quantity Generator
Classification:

Date form received by agency: 04/13/1990
UNIVERSITY OF CALIFORNIA RIVERSIDE
Large Quantity Generator
Classification:

Date form received by agency: 08/18/1980
UNIVERSITY OF CALIFORNIA RIVERSIDE
Large Quantity Generator
Classification:

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE

UNIVERSITY OF CA RIVERSIDE (Continued)

1000431600

MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code:
Waste name:

D002
A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code:
Waste name:

D003
A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BE WASTE GUNPOWDER.

Waste code:
Waste name:

D004
ARSENIC

Waste code:
Waste name:

D005
BARIUM

Waste code:
Waste name:

D006
CADMIUM

Waste code:
Waste name:

D007
CHROMIUM

Waste code:
Waste name:

D008
LEAD

Waste code:
Waste name:

D009
MERCURY

Waste code:
Waste name:

D010
SELENIUM

Waste code:
Waste name:

D011
SILVER

Waste code:
Waste name:

D018
BENZENE

Waste code:
Waste name:

D022
CHLOROFORM

Waste code:
Waste name:

D023
O-CRESOL

Waste code:
Waste name:

D024
M-CRESOL

Waste code:
Waste name:

D027
1,4-DICHLOROBENZENE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

Site

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

Site

UNIVERSITY OF CA RIVERSIDE (Continued)

1000431600

Waste code: D028
Waste name: 1,2-DICHLOROETHANE

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHYLENE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: P001
Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste code: P020
Waste name: DINOSEB

Waste code: P022
Waste name: CARBON DISULFIDE

Waste code: P087
Waste name: OSMIUM OXIDE OSO4, (T-4)-

Waste code: P088
Waste name: POTASSIUM CYANIDE

Waste code: P105
Waste name: SODIUM AZIDE

Waste code: P106
Waste name: SODIUM CYANIDE

UNIVERSITY OF CA RIVERSIDE (Continued)

1000431600

Waste code: P120
Waste name: VANADIUM OXIDE V2O5

Waste code: U002
Waste name: ACETONE (I)

Waste code: U006
Waste name: ACETYL CHLORIDE (C,R,T)

Waste code: U007
Waste name: ACRYLAMIDE

Waste code: U019
Waste name: BENZENE (I,T)

Waste code: U031
Waste name: 1-BUTANOL (I)

Waste code: U044
Waste name: CHLOROFORM

Waste code: U052
Waste name: CRESOL (CRESYLIC ACID)

Waste code: U072
Waste name: BENZENE, 1,4-DICHLORO-

Waste code: U078
Waste name: 1,1-DICHLOROETHYLENE

Waste code: U080
Waste name: METHANE, DICHLORO-

Waste code: U081
Waste name: 2,4-DICHLOROPHENOL

Waste code: U103
Waste name: DIMETHYL SULFATE

Waste code: U112
Waste name: ACETIC ACID ETHYL ESTER (I)

Waste code: U130
Waste name: 1,3-CYCLOPENTADIENE, 1,2,3,4,5,5-HEXACHLORO-

Waste code: U133
Waste name: HYDRAZINE (R,T)

Waste code: U134
Waste name: HYDROFLUORIC ACID (C,T)

Waste code: U138
Waste name: METHANE, IODO-

Waste code: U140
Waste name: ISOBUTYL ALCOHOL (I,T)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

Site

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

Site

UNIVERSITY OF CA RIVERSIDE (Continued) 1000431600

Waste code: U154
Waste name: METHANOL (l)

Waste code: U161
Waste name: METHYL ISOBUTYL KETONE (l)

Waste code: U169
Waste name: BENZENE, NITRO-

Waste code: U188
Waste name: PHENOL

Waste code: U210
Waste name: ETHENE, TETRACHLORO-

Waste code: U211
Waste name: CARBON TETRACHLORIDE

Waste code: U217
Waste name: NITRIC ACID, THALLIUM(1+) SALT

Waste code: U220
Waste name: BENZENE, METHYL-

Waste code: U239
Waste name: BENZENE, DIMETHYL- (l,t)

Waste code: U353
Waste name: BENZENAMINE, 4-METHYL-

Biennial Reports:
Last Biennial Reporting Year: 2009
Annual Waste Handled:
Waste code:
Waste name:

D001
IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
1581525

D002
A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
2116782

D003
A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE; REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES

UNIVERSITY OF CA RIVERSIDE (Continued) 1000431600

WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
85779

D004
Waste code: ARSENIC
Waste name: ARSENIC
Amount (Lbs): 85653

D005
Waste code: BARIUM
Waste name: BARIUM
Amount (Lbs): 138340.8

D006
Waste code: CADMIUM
Waste name: CADMIUM
Amount (Lbs): 86086

D007
Waste code: CHROMIUM
Waste name: CHROMIUM
Amount (Lbs): 85653

D008
Waste code: LEAD
Waste name: LEAD
Amount (Lbs): 86718

D009
Waste code: MERCURY
Waste name: MERCURY
Amount (Lbs): 86086

D010
Waste code: SELENIUM
Waste name: SELENIUM
Amount (Lbs): 85653

D011
Waste code: SILVER
Waste name: SILVER
Amount (Lbs): 162182.6

D018
Waste code: BENZENE
Waste name: BENZENE
Amount (Lbs): 85653

D022
Waste code: CHLOROFORM
Waste name: CHLOROFORM
Amount (Lbs): 86086

D023
Waste code: O-CRESOL
Waste name: O-CRESOL
Amount (Lbs): 85653

D024
Waste code: M-CRESOL
Waste name: M-CRESOL
Amount (Lbs): 85653

D027
Waste code: 1,4-DICHLOROBENZENE
Waste name: 1,4-DICHLOROBENZENE
Amount (Lbs): 85653

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

UNIVERSITY OF CA RIVERSIDE (Continued)

1000431600

D028
Waste name: 1,2-DICHLOROETHANE
Amount (Lbs): 85653

F002
THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 85653

F003
THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 86086

F005
THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, OR THOSE SOLVENTS LISTED IN F001, F002, OR F004, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 85653

P001
Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(G-OXD-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
Amount (Lbs): 85653

P105
Waste name: SODIUM AZIDE
Amount (Lbs): 85653

U002
Waste code: ACETONE (I)
Waste name: ACETONE (I)
Amount (Lbs): 85653

U006
Waste code: ACETYL CHLORIDE (C,R,T)
Waste name: ACETYL CHLORIDE (C,R,T)
Amount (Lbs): 85653

U007
Waste code:

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ACRYLAMIDE
Waste name: ACRYLAMIDE
Amount (Lbs): 85653

U019
Waste code: BENZENE (I,T)
Waste name: BENZENE (I,T)
Amount (Lbs): 85653

U031
Waste code: 1-BUTANOL (I)
Waste name: 1-BUTANOL (I)
Amount (Lbs): 85653

U044
Waste code: CHLOROFORM
Waste name: CHLOROFORM
Amount (Lbs): 85653

U052
Waste code: CRESOL (CRESYLIC ACID)
Waste name: CRESOL (CRESYLIC ACID)
Amount (Lbs): 85653

U072
Waste code: BENZENE, 1,4-DICHLORO-
Waste name: BENZENE, 1,4-DICHLORO-
Amount (Lbs): 85653

U078
Waste code: 1,1-DICHLOROETHYLENE
Waste name: 1,1-DICHLOROETHYLENE
Amount (Lbs): 227

U080
Waste code: METHANE, DICHLORO-
Waste name: METHANE, DICHLORO-
Amount (Lbs): 85653

U081
Waste code: 2,4-DICHLOROPHENOL
Waste name: 2,4-DICHLOROPHENOL
Amount (Lbs): 85653

U103
Waste code: DIMETHYL SULFATE
Waste name: DIMETHYL SULFATE
Amount (Lbs): 85653

U112
Waste code: ACETIC ACID ETHYL ESTER (I)
Waste name: ACETIC ACID ETHYL ESTER (I)
Amount (Lbs): 85653

U130
Waste code: 1,3-CYCLOPENTADIENE, 1,2,3,4,5,5-HEXACHLORO-
Waste name: 1,3-CYCLOPENTADIENE, 1,2,3,4,5,5-HEXACHLORO-
Amount (Lbs): 85653

U133
Waste code: HYDRAZINE (R,T)
Waste name: HYDRAZINE (R,T)
Amount (Lbs): 85653

U134
Waste code: HYDROFLUORIC ACID (C,T)
Waste name: HYDROFLUORIC ACID (C,T)
Amount (Lbs): 85653

U138
Waste code: METHANE, IODO-
Waste name: METHANE, IODO-

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Site

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EDR ID Number
EPA ID Number

Database(s)

EDR ID Number
EPA ID Number

Database(s)

EDR ID Number
EPA ID Number

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Database(s)

EDR ID Number
EPA ID Number

Database(s)

EDR ID Number
EPA ID Number

Database(s)

Amount (Lbs):	Waste code:	Waste name:	Event date:	Event:
85653	U140	ISOBUTYL ALCOHOL (I,T)	01/06/1989	CMS Imposition
85653	U154	METHANOL (I)	01/06/1989	RFI Imposition
85653	U161	METHYL ISOBUTYL KETONE (I)	07/20/1990	CA049SI
85653	U169	BENZENE, NITRO-	12/01/1990	Stabilization Measures Implemented, Primary measure is exposure control by barrier and/or institutional control (e.g., capping, fencing, deed restrictions).
85653	U188	PHENOL	12/31/1990	Stabilization Construction Completed
85653	U210	ETHENE, TETRACHLORO-	03/15/1994	RFI Workplan Approved
85653	U211	CARBON TETRACHLORIDE	05/23/1994	Stabilization Measures Evaluation, This facility is amenable to stabilization activity based on the status of corrective action work at the facility, technical factors, the degree of risk, timing considerations and administrative considerations.
85653	U217	NITRIC ACID, THALLIUM(I+) SALT	05/23/1994	CA Prioritization, Facility or area was assigned a low corrective action priority.
85653	U220	BENZENE, METHYL-	10/10/1995	CMS Approved
85653	U239	BENZENE, DIMETHYL- (I,T)	10/10/1995	RFI Approved
85653	U239	BENZENE, DIMETHYL- (I,T)	10/10/1995	CMS Workplan Approved
85653	U239	BENZENE, DIMETHYL- (I,T)	05/16/1996	Date For Remedy Selection (CM Imposed)
85653	U239	BENZENE, DIMETHYL- (I,T)	09/06/1996	CMI Workplan Approved
85653	U239	BENZENE, DIMETHYL- (I,T)	09/06/1996	Corrective Measures Design Approved
85653	U239	BENZENE, DIMETHYL- (I,T)	03/30/1998	RFA Completed, Assessment was an RFA.
85653	U239	BENZENE, DIMETHYL- (I,T)	06/03/1998	Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the

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Distance
Elevation

MAP FINDINGS

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UNIVERSITY OF CA RIVERSIDE (Continued) 1000431600

migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.

Event date: 06/03/1998
Event: CA Responsibility Referred To A Non-RCRA Federal Authority

Event date: 06/03/1998
Event: Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

Event date: 06/03/1998
Event: Stabilization Measures Evaluation: This facility is not amenable to stabilization activity at the present time for reasons other than 1- it appears to be technically infeasible or inappropriate (NF) or 2- there is a lack of technical information (IN). Reasons for this conclusion may be the status of closure at the facility, the degree of risk, limiting considerations, the status of corrective action work at the facility, or other administrative considerations.

Event date: Not reported
Event: CA03162

Facility Has Received Notices of Violations:

Regulation violated: - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 07/30/2002
Date achieved compliance: 07/30/2002
Violation lead agency: EPA
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 09/30/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: - 262.30-34.C
Area of violation: Generators - General
Date violation determined: 07/30/2002
Date achieved compliance: 07/30/2002
Violation lead agency: EPA
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 09/30/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported

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Site Database(s) EDR ID Number EPA ID Number

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Paid penalty amount: Not reported
Regulation violated: - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 07/30/2002
Date achieved compliance: 07/30/2002
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: 07/30/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: - 262.30-34.C
Area of violation: Generators - General
Date violation determined: 07/30/2002
Date achieved compliance: 07/30/2002
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: 07/30/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264-170-177.1
Area of violation: TSD - General
Date violation determined: 06/22/1991
Date achieved compliance: 10/21/1991
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/10/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264-30-37.C
Area of violation: TSD - General
Date violation determined: 06/22/1991
Date achieved compliance: 10/21/1991
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/10/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

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MAP FINDINGS

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Date violation determined: 09/15/1988
 Date achieved compliance: 05/20/1989
 Violation lead agency: EPA
 Enforcement action: WRITTEN INFORMAL
 Enforcement action date: 04/14/1989
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: EPA
 Proposed penalty amount: Not reported
 Final penalty amount: Not reported
 Paid penalty amount: Not reported

Area of violation: TSD - General
 Date achieved compliance: 04/30/1991
 Evaluation lead agency: EPA
 Evaluation date: 09/11/1989
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: TSD - General
 Date achieved compliance: 04/30/1991
 Evaluation lead agency: EPA
 Evaluation date: 09/15/1988
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: TSD - Closure/Post-Closure
 Date achieved compliance: 05/20/1989
 Evaluation lead agency: EPA
 Evaluation date: 09/15/1988
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: TSD - General
 Date achieved compliance: 05/20/1989
 Evaluation lead agency: EPA
 Evaluation date: 09/15/1988
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Evaluation Action Summary:
 Evaluation date: 04/05/2005
 Evaluation: NOT A SIGNIFICANT NON-COMPLIER
 Area of violation: Not reported
 Date achieved compliance: Not reported
 Evaluation lead agency: EPA

Evaluation date: 09/15/1988
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: TSD - Closure/Post-Closure
 Date achieved compliance: 05/20/1989
 Evaluation lead agency: EPA
 Evaluation date: 09/15/1988
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: TSD - General
 Date achieved compliance: 05/20/1989
 Evaluation lead agency: EPA
 Evaluation date: 09/15/1988
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Evaluation date: 04/01/2004
 Evaluation: SIGNIFICANT NON-COMPLIER
 Area of violation: Not reported
 Date achieved compliance: Not reported
 Evaluation lead agency: EPA

Evaluation date: 09/15/1988
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: TSD - General
 Date achieved compliance: 05/20/1989
 Evaluation lead agency: EPA
 Evaluation date: 09/15/1988
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: TSD - General
 Date achieved compliance: 05/20/1989
 Evaluation lead agency: EPA
 Evaluation date: 09/15/1988
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Evaluation date: 04/01/2004
 Evaluation: NOT A SIGNIFICANT NON-COMPLIER
 Area of violation: Not reported
 Date achieved compliance: Not reported
 Evaluation lead agency: EPA

Evaluation date: 09/15/1988
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: TSD - General
 Date achieved compliance: 05/20/1989
 Evaluation lead agency: EPA
 Evaluation date: 09/15/1988
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: TSD - General
 Date achieved compliance: 05/20/1989
 Evaluation lead agency: EPA
 Evaluation date: 09/15/1988
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Evaluation date: 07/30/2002
 Evaluation: NON-FINANCIAL RECORD REVIEW
 Area of violation: Generators - General
 Date achieved compliance: 07/30/2002
 Evaluation lead agency: EPA

Evaluation date: 09/15/1988
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: TSD - General
 Date achieved compliance: 05/20/1989
 Evaluation lead agency: EPA
 Evaluation date: 09/15/1988
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: TSD - General
 Date achieved compliance: 05/20/1989
 Evaluation lead agency: EPA
 Evaluation date: 09/15/1988
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Evaluation date: 04/30/1991
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Not reported
 Date achieved compliance: Not reported
 Evaluation lead agency: EPA

Evaluation date: 09/15/1988
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: TSD - General
 Date achieved compliance: 05/20/1989
 Evaluation lead agency: EPA
 Evaluation date: 09/15/1988
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: TSD - General
 Date achieved compliance: 05/20/1989
 Evaluation lead agency: EPA
 Evaluation date: 09/15/1988
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Evaluation date: 04/30/1991
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Generators - General
 Date achieved compliance: 10/21/1991
 Evaluation lead agency: EPA Contractor/Grantee

Evaluation date: 09/15/1988
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: TSD - General
 Date achieved compliance: 05/20/1989
 Evaluation lead agency: EPA
 Evaluation date: 09/15/1988
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: TSD - General
 Date achieved compliance: 05/20/1989
 Evaluation lead agency: EPA
 Evaluation date: 09/15/1988
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Evaluation date: 06/27/1990
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Not reported
 Date achieved compliance: Not reported
 Evaluation lead agency: EPA Contractor/Grantee

Evaluation date: 09/15/1988
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: TSD - General
 Date achieved compliance: 05/20/1989
 Evaluation lead agency: EPA
 Evaluation date: 09/15/1988
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: TSD - General
 Date achieved compliance: 05/20/1989
 Evaluation lead agency: EPA
 Evaluation date: 09/15/1988
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Evaluation date: 06/27/1990
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Not reported
 Date achieved compliance: Not reported
 Evaluation lead agency: EPA Contractor/Grantee

Evaluation date: 09/15/1988
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: TSD - General
 Date achieved compliance: 05/20/1989
 Evaluation lead agency: EPA
 Evaluation date: 09/15/1988
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: TSD - General
 Date achieved compliance: 05/20/1989
 Evaluation lead agency: EPA
 Evaluation date: 09/15/1988
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

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UNIVERSITY OF CA RIVERSIDE (Continued)

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Date Started: Not reported
 Date Completed: 08/01/1990
 Priority Level: Not reported

Action:
 PRELIMINARY ASSESSMENT
 04/01/1985
 Date Started: 07/01/1985
 Date Completed: 07/01/1985
 Priority Level: Low priority for further assessment

Action:
 SITE INSPECTION
 Not reported
 Date Started: 09/01/1986
 Date Completed: 09/01/1986
 Priority Level: Higher priority for further assessment

Action:
 ARCHIVE SITE
 Not reported
 Date Started: 07/20/1990
 Date Completed: 07/20/1990
 Priority Level: Not reported

Action:
 SITE INSPECTION
 Not reported
 Date Started: 07/20/1990
 Date Completed: 07/20/1990
 Priority Level: NFRAP. No further Remedial Action planned

CORRACTS:

EPA ID: CAD073134777
 EPA Region: 09
 Area Name: ENTIRE FACILITY
 Actual Date: 01/06/1989
 Action: CA250 - CMS Imposition
 NAICS Code(s): 61131
 Colleges, Universities, and Professional Schools
 Original schedule date: Not reported
 Schedule end date: Not reported

EPA ID: CAD073134777
 EPA Region: 09
 Area Name: ENTIRE FACILITY
 Actual Date: 07/06/1989
 Action: CA100 - RFI Imposition
 NAICS Code(s): 61131
 Colleges, Universities, and Professional Schools
 Original schedule date: Not reported
 Schedule end date: Not reported

EPA ID: CAD073134777
 EPA Region: 09
 Area Name: ENTIRE FACILITY
 Actual Date: 03/15/1994
 Action: CA150 - RFI Workplan Approved
 NAICS Code(s): 61131
 Colleges, Universities, and Professional Schools
 Original schedule date: Not reported
 Schedule end date: Not reported

EPA ID: CAD073134777
 EPA Region: 09
 Area Name: ENTIRE FACILITY
 Actual Date: 03/30/1998
 Action: CA050RF - RFA Completed, Assessment was an RFA
 NAICS Code(s): 61131
 Colleges, Universities, and Professional Schools
 Original schedule date: Not reported
 Schedule end date: Not reported

EPA ID: CAD073134777
 EPA Region: 09
 Area Name: ENTIRE FACILITY
 Actual Date: 05/16/1996
 Action: CA400 - Date For Remedy Selection (CM Imposed)
 NAICS Code(s): 61131
 Colleges, Universities, and Professional Schools
 Original schedule date: Not reported
 Schedule end date: Not reported

EPA ID: CAD073134777
 EPA Region: 09
 Area Name: ENTIRE FACILITY
 Actual Date: 05/23/1994
 Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
 NAICS Code(s): 61131
 Colleges, Universities, and Professional Schools
 Original schedule date: Not reported
 Schedule end date: Not reported

EPA ID: CAD073134777
 EPA Region: 09
 Area Name: ENTIRE FACILITY
 Actual Date: 05/23/1994
 Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
 NAICS Code(s): 61131
 Colleges, Universities, and Professional Schools
 Original schedule date: Not reported
 Schedule end date: Not reported

EPA ID: CAD073134777
 EPA Region: 09
 Area Name: ENTIRE FACILITY
 Actual Date: 05/23/1994
 Action: CA225YE - Stabilization Measures Evaluation. This facility is amenable to stabilization activity based on the status of corrective action work at the facility, technical factors, the degree of risk, timing considerations and administrative considerations
 NAICS Code(s): 61131
 Colleges, Universities, and Professional Schools
 Original schedule date: Not reported
 Schedule end date: Not reported

EPA ID: CAD073134777
 EPA Region: 09
 Area Name: ENTIRE FACILITY
 Actual Date: 06/03/1998
 Action: CA225NR - Stabilization Measures Evaluation. This facility is, not amenable to stabilization activity at the present time for reasons other than (1) it appears to be technically, infeasible or inappropriate (NF) or (2) there is a lack of technical information (IN). Reasons for this conclusion may be the status of, closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other, administrative considerations
 NAICS Code(s): 61131

Map ID
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Elevation

MAP FINDINGS

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Map ID
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EPA ID Number

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Original schedule date: Not reported
Schedule end date: Not reported

Colleges, Universities, and Professional Schools

EPA ID: CAD073134777
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 06/03/1998
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified

Colleges, Universities, and Professional Schools

NAICS Code(s): 61131
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD073134777
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 06/03/1998
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified

Colleges, Universities, and Professional Schools

NAICS Code(s): 61131
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD073134777
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 06/03/1998
Action: CA210 - CA Responsibility Referred To A Non-RCRA Federal Authority

Colleges, Universities, and Professional Schools

NAICS Code(s): 61131
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD073134777
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 07/07/1995
Action: CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority

Colleges, Universities, and Professional Schools

NAICS Code(s): 61131
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD073134777
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 09/06/1996
Action: CA450 - Corrective Measures Design Approved

Colleges, Universities, and Professional Schools

NAICS Code(s): 61131
Original schedule date: Not reported
Schedule end date: Not reported

UNIVERSITY OF CA RIVERSIDE (Continued) 1000431600

EPA ID: CAD073134777
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 09/06/1996
Action: CA500 - CMI Workplan Approved

Colleges, Universities, and Professional Schools

NAICS Code(s): 61131
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD073134777
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 10/10/1995
Action: CA350 - CMS Approved

Colleges, Universities, and Professional Schools

NAICS Code(s): 61131
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD073134777
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 10/10/1995
Action: CA200 - RFI Approved

Colleges, Universities, and Professional Schools

NAICS Code(s): 61131
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD073134777
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 10/10/1995
Action: CA300 - CMS Workplan Approved

Colleges, Universities, and Professional Schools

NAICS Code(s): 61131
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD073134777
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 12/01/1990
Action: CA600EC - Stabilization Measures Implemented, Primary measure is exposure control by barrier and/or institutional control

Colleges, Universities, and Professional Schools

NAICS Code(s): 61131
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD073134777
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 12/31/1990
Action: CA650 - Stabilization Construction Completed

Colleges, Universities, and Professional Schools

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
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MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

UNIVERSITY OF CA RIVERSIDE (Continued)

Colleges, Universities, and Professional Schools
Original schedule date: Not reported
Schedule end date: Not reported

FINDS:

Registry ID: 110000609761

Environmental Interest/Information System

US Geographic Names Information System (GNIS) is the official vehicle for geographic names used by the federal government and the source for applying geographic names to federal maps and other printed and electronic documents.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include: Incident Tracking, Compliance Assistance, and Compliance Monitoring.

HAZNET:
Gepaid: CAD073134777
Contact: UNIV OF CA
Telephone: 9097875518
Facility Address: Not reported
Mailing Name: Not reported
Mailing Address: 900 UNIVERSITY AVE
Mailing City, St, Zip: RIVERSIDE, CA 925210306
Gen County: Riverside
TSD EPA ID: CAD050806850

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

UNIVERSITY OF CA RIVERSIDE (Continued)

TSD County: Los Angeles
Waste Category: Paint sludge
Disposal Method: Recycler
Tons: 2000
Facility County: Riverside

Gepaid: CAD073134777
Contact: UNIV OF CA
Telephone: 9097875518
Facility Address: Not reported
Mailing Name: Not reported
Mailing Address: 900 UNIVERSITY AVE
Mailing City, St, Zip: RIVERSIDE, CA 925210306
Gen County: Riverside
TSD EPA ID: CAD050806850
Waste Category: Other inorganic solid waste
Disposal Method: Transfer Station
Tons: .0060
Facility County: Riverside

Gepaid: CAD073134777
Contact: UNIV OF CA
Telephone: 9097875518
Facility Address: Not reported
Mailing Name: Not reported
Mailing Address: 900 UNIVERSITY AVE
Mailing City, St, Zip: RIVERSIDE, CA 925210306
Gen County: Riverside
TSD EPA ID: CAD050806850
Waste Category: Liquids with pH <UN-> 2
Disposal Method: Treatment, Tank
Tons: 0.430
Facility County: Riverside

Gepaid: CAD073134777
Contact: UNIV OF CA
Telephone: 9097875518
Facility Address: Not reported
Mailing Name: Not reported
Mailing Address: 900 UNIVERSITY AVE
Mailing City, St, Zip: RIVERSIDE, CA 925210306
Gen County: Riverside
TSD EPA ID: CAD050806850
Waste Category: Laboratory waste chemicals
Disposal Method: Recycler
Tons: 4.3135
Facility County: Riverside

Gepaid: CAD073134777
Contact: UNIV OF CA
Telephone: 9097875518
Facility Address: Not reported
Mailing Name: Not reported
Mailing Address: 900 UNIVERSITY AVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNIVERSITY OF CA RIVERSIDE (Continued) 1000431600

Mailing City, St/Zip: RIVERSIDE, CA 925210306
Gen County: Riverside
TSD EPA ID: CAD050906850
Waste Category: Laboratory waste chemicals
Disposal Method: Treatment, Tank
Tons: .0160
Facility County: Riverside

Click this hyperlink while viewing on your computer to access
393 additional CA_HAZNET record(s) in the EDR Site Report.

ENVIROSTOR:

Site Type: Corrective Action
Site Type Detailed: Corrective Action
Acres: 0
NPL: NO
Regulatory Agencies: SMRBP
Lead Agency: MBR
Program Manager: Not reported
Supervisor: * Unknown
Division Branch: Cypress
Facility ID: 80001663
Site Code: Not reported
Senate: 64
Assembly: 64
Special Program: Not reported
Status: * Inactive
Status Date: 11/2008 0:00
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Not reported
Latitude: 33.8754
Longitude: -117.323997
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 80001663
Envirostor ID Number: 80001663
Alias Type: CAD073134777
Alias Name: EPA Identification Number

Completed Info:

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ENTIRE FACILITY
Completed Document Type: Preliminary Assessment Report
Completed Date: 1985-07-01 00:00:00
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ENTIRE FACILITY
Completed Document Type: Design/Implementation Workplan
Completed Date: 1986-09-06 00:00:00
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNIVERSITY OF CA RIVERSIDE (Continued) 1000431600

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ENTIRE FACILITY
Completed Document Type: Corrective Measures Study Report
Completed Date: 1985-10-10 00:00:00
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ENTIRE FACILITY
Completed Document Type: RFI Report
Completed Date: 1985-10-10 00:00:00
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ENTIRE FACILITY
Completed Document Type: RFI Workplan
Completed Date: 1984-03-15 00:00:00
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ENTIRE FACILITY
Completed Document Type: Corrective Measure Implementation Workplan
Completed Date: 1986-09-06 00:00:00
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ENTIRE FACILITY
Completed Document Type: Preliminary Assessment Report
Completed Date: 1980-07-20 00:00:00
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ENTIRE FACILITY
Completed Document Type: Corrective Measures Study Workplan
Completed Date: 1985-10-10 00:00:00
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ENTIRE FACILITY
Completed Document Type: Interim Measures Implementation Report
Completed Date: 1980-12-31 00:00:00
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ENTIRE FACILITY
Completed Document Type: Interim Measures Workplan
Completed Date: 1980-12-01 00:00:00
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ENTIRE FACILITY
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 1988-03-30 00:00:00
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ENTIRE FACILITY
Completed Document Type: Interim Measures Questionnaire

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

EDR ID Number
EPA ID Number

Database(s)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

UNIVERSITY OF CA RIVERSIDE (Continued)

1000431600

UNIVERSITY OF CA RIVERSIDE (Continued)

1000431600

UNIVERSITY OF CA RIVERSIDE (Continued)

1000431600

UNIVERSITY OF CA RIVERSIDE (Continued)

1000431600

UNIVERSITY OF CA RIVERSIDE (Continued)

1000431600

UNIVERSITY OF CA RIVERSIDE (Continued)

Unit Names:
CONTAIN1, WASTPILE1
INTENDSCLOSED ALL WASTE HANDLING FACILITY
Actual Date:
1989-02-23 00:00:00
Doc Comments:
Not reported

EPA Id:
CAD073134777
Unit Names:
CONTAIN1, WASTPILE1
Event Description:
Notice of Deficiency
Actual Date:
1988-09-29 00:00:00
Doc Comments:
Not reported

EPA Id:
CAD073134777
Unit Names:
CONTAIN1, WASTPILE1
Event Description:
Part A Determination
Actual Date:
1981-10-02 00:00:00
Doc Comments:
Not reported

EPA Id:
CAD073134777
Unit Names:
CONTAIN1, WASTPILE1
Event Description:
Approved Request
Actual Date:
1990-12-14 00:00:00
Doc Comments:
Not reported

EPA Id:
CAD073134777
Unit Names:
CONTAIN1, WASTPILE1
Event Description:
Part B Call'n
Actual Date:
1982-11-15 00:00:00
Doc Comments:
Not reported

HWP:
EPA Id:
CAD073134777
Unit Names:
CONTAIN1
Event Description:
Receive Closure Certification
Actual Date:
1991-06-12 00:00:00
Doc Comments:
Not reported

EPA Id:
CAD073134777
Unit Names:
CONTAIN1
Event Description:
Public Notice - Closure
Actual Date:
1990-05-21 00:00:00
Doc Comments:
Not reported

EPA Id:
CAD073134777
Unit Names:
CONTAIN1
Event Description:
Clean Closure Acceptable
Actual Date:
1992-02-04 00:00:00
Doc Comments:
Not reported

EPA Id:
CAD073134777
Unit Names:
CONTAIN1
Event Description:
Notice of Deficiency - Closure Plan
Actual Date:
1990-02-06 00:00:00
Doc Comments:
Not reported

Completed Date:
1994-05-23 00:00:00
Comments:
Not reported

Sites With No Operable Unit
Completed Sub Area Name:
ENTIRE FACILITY
Interim Measures Questionnaire
Completed Date:
1998-06-03 00:00:00
Comments:
Not reported

Sites With No Operable Unit
Completed Sub Area Name:
ENTIRE FACILITY
Remedy Selection and Statement of Basis
Completed Date:
1996-05-16 00:00:00
Comments:
Not reported

Sites With No Operable Unit
Completed Sub Area Name:
ENTIRE FACILITY
Consent Agreement
Completed Date:
1989-11-06 00:00:00
Comments:
Not reported

Future Area Name:
Not reported
Future Sub Area Name:
Not reported
Future Document Type:
Not reported
Future Due Date:
Not reported
Schedule Area Name:
Not reported
Schedule Sub Area Name:
Not reported
Schedule Document Type:
Not reported
Schedule Due Date:
Not reported
Schedule Revised Date:
Not reported

HWP:
EPA Id:
CAD073134777
Latitude:
33.9754
Longitude:
-117.323997
Facility Type:
HAZ WASTE - UNDERGOING CLOSURE
Cleanup Status:
Not reported
Region:
CYPRESS, GEOLOGY CAL SUPPORT
Permit Maintenance Lead:
Not reported
Permit Renewal Lead:
Not reported
Corrective Action Lead:
Not reported
Supervisor:
Not reported
Site Code:
Not reported
Assembly District:
Not reported
Senate District:
Not reported
Public Information Officer:
Not reported
Facility Status:
Not reported
Site History:
Not reported

HWP:
EPA Id:
CAD073134777
Unit Names:
CONTAIN1, WASTPILE1
Event Description:
Initial Submittal
Actual Date:
1980-11-17 00:00:00
Doc Comments:
Not reported

EPA Id:
CAD073134777

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

T98
West
1/2-1
0.806 mi.
4255 ft.
Relative:
Lower

Actual:
887 ft.

WESTERN FARM SERVICE
2622 3RD ST
RIVERSIDE, CA 92507

Site 1 of 2 in cluster T

HAZNET:
Gepaid:
Contact:
Telephone:
Facility Addr2:
Mailing Name:
Mailing Address:
Mailing City, St, Zip:
Gen County:
TSD EPA ID:
Waste Category:
Disposal Method:
Tons:
Facility County:

CAL000160223
WESTERN FARM SERVICE
2094360450
Not reported
PO BOX 1168
FRESNO, CA 937151168
Riverside
CAD008302903
Los Angeles
Pesticides and other waste associated with pesticide production
Transfer Station
.0300
Riverside

HAZNET: S103647597
ENVIROSTOR: N/A

Database(s)

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

T99
West
1/2-1
0.828 mi.
4371 ft.
Relative:
Lower

Actual:
886 ft.

SINGLETARY, KING
2675 THIRD
RIVERSIDE, CA 90040

Site 2 of 2 in cluster T

Notify 65:
Date Reported:
Staff Initials:
Board File Number:
Facility Type:
Discharge Date:
Incident Description:

Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
90040

Notify 65:
Date Reported:
Staff Initials:
Board File Number:
Facility Type:
Discharge Date:
Incident Description:

Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
90040

Notify 65:
Date Reported:
Staff Initials:
Board File Number:
Facility Type:
Discharge Date:
Incident Description:

Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
90040

Notify 65:
Date Reported:
Staff Initials:
Board File Number:
Facility Type:
Discharge Date:
Incident Description:

Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
90040

100
SSE
1/2-1
0.843 mi.
4453 ft.
Relative:
Higher

Actual:
1005 ft.

UNIVERSITY OF CALIFORNIA - RIVERSIDE
1060 PENNSYLVANIA AVENUE
RIVERSIDE, CA 92521

HISTORICAL CAL-SITES:
Facility ID:
Region:
Region Name:
Branch:
Branch Name:
File Name:
State Senate District:
Status:
Status Name:
Lead Agency:
Facility Type:
Facility Name:
NPL:
SIC Code:
SIC Name:
Access:
Cortese:

33890001
4
CYPRESS
SB
SO CAL - CYPRESS
Not reported
01011985
AWP - ANNUAL WORKPLAN (AWP) - ACTIVE SITE
ANNUAL WORKPLAN - ACTIVE SITE
DTSC
DEPT OF TOXIC SUBSTANCES CONTROL
RP
RESPONSIBLE PARTY
Not Listed
89
MISCELLANEOUS SERVICES
Not reported
Not reported

HISTORICAL CAL-SITES:
Facility ID:
Region:
Region Name:
Branch:
Branch Name:
File Name:
State Senate District:
Status:
Status Name:
Lead Agency:
Facility Type:
Facility Name:
NPL:
SIC Code:
SIC Name:
Access:
Cortese:

33890001
4
CYPRESS
SB
SO CAL - CYPRESS
Not reported
01011985
AWP - ANNUAL WORKPLAN (AWP) - ACTIVE SITE
ANNUAL WORKPLAN - ACTIVE SITE
DTSC
DEPT OF TOXIC SUBSTANCES CONTROL
RP
RESPONSIBLE PARTY
Not Listed
89
MISCELLANEOUS SERVICES
Not reported
Not reported

HISTORICAL CAL-SITES:
Facility ID:
Region:
Region Name:
Branch:
Branch Name:
File Name:
State Senate District:
Status:
Status Name:
Lead Agency:
Facility Type:
Facility Name:
NPL:
SIC Code:
SIC Name:
Access:
Cortese:

33890001
4
CYPRESS
SB
SO CAL - CYPRESS
Not reported
01011985
AWP - ANNUAL WORKPLAN (AWP) - ACTIVE SITE
ANNUAL WORKPLAN - ACTIVE SITE
DTSC
DEPT OF TOXIC SUBSTANCES CONTROL
RP
RESPONSIBLE PARTY
Not Listed
89
MISCELLANEOUS SERVICES
Not reported
Not reported

HISTORICAL CAL-SITES:
Facility ID:
Region:
Region Name:
Branch:
Branch Name:
File Name:
State Senate District:
Status:
Status Name:
Lead Agency:
Facility Type:
Facility Name:
NPL:
SIC Code:
SIC Name:
Access:
Cortese:

33890001
4
CYPRESS
SB
SO CAL - CYPRESS
Not reported
01011985
AWP - ANNUAL WORKPLAN (AWP) - ACTIVE SITE
ANNUAL WORKPLAN - ACTIVE SITE
DTSC
DEPT OF TOXIC SUBSTANCES CONTROL
RP
RESPONSIBLE PARTY
Not Listed
89
MISCELLANEOUS SERVICES
Not reported
Not reported

HISTORICAL CAL-SITES:
Facility ID:
Region:
Region Name:
Branch:
Branch Name:
File Name:
State Senate District:
Status:
Status Name:
Lead Agency:
Facility Type:
Facility Name:
NPL:
SIC Code:
SIC Name:
Access:
Cortese:

100
SSE
1/2-1
0.843 mi.
4453 ft.
Relative:
Higher

Actual:
1005 ft.

UNIVERSITY OF CALIFORNIA - RIVERSIDE
1060 PENNSYLVANIA AVENUE
RIVERSIDE, CA 92521

HISTORICAL CAL-SITES:
Facility ID:
Region:
Region Name:
Branch:
Branch Name:
File Name:
State Senate District:
Status:
Status Name:
Lead Agency:
Facility Type:
Facility Name:
NPL:
SIC Code:
SIC Name:
Access:
Cortese:

33890001
4
CYPRESS
SB
SO CAL - CYPRESS
Not reported
01011985
AWP - ANNUAL WORKPLAN (AWP) - ACTIVE SITE
ANNUAL WORKPLAN - ACTIVE SITE
DTSC
DEPT OF TOXIC SUBSTANCES CONTROL
RP
RESPONSIBLE PARTY
Not Listed
89
MISCELLANEOUS SERVICES
Not reported
Not reported

HISTORICAL CAL-SITES:
Facility ID:
Region:
Region Name:
Branch:
Branch Name:
File Name:
State Senate District:
Status:
Status Name:
Lead Agency:
Facility Type:
Facility Name:
NPL:
SIC Code:
SIC Name:
Access:
Cortese:

33890001
4
CYPRESS
SB
SO CAL - CYPRESS
Not reported
01011985
AWP - ANNUAL WORKPLAN (AWP) - ACTIVE SITE
ANNUAL WORKPLAN - ACTIVE SITE
DTSC
DEPT OF TOXIC SUBSTANCES CONTROL
RP
RESPONSIBLE PARTY
Not Listed
89
MISCELLANEOUS SERVICES
Not reported
Not reported

HISTORICAL CAL-SITES:
Facility ID:
Region:
Region Name:
Branch:
Branch Name:
File Name:
State Senate District:
Status:
Status Name:
Lead Agency:
Facility Type:
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SIC Code:
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Access:
Cortese:

33890001
4
CYPRESS
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SO CAL - CYPRESS
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01011985
AWP - ANNUAL WORKPLAN (AWP) - ACTIVE SITE
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DEPT OF TOXIC SUBSTANCES CONTROL
RP
RESPONSIBLE PARTY
Not Listed
89
MISCELLANEOUS SERVICES
Not reported
Not reported

HISTORICAL CAL-SITES:
Facility ID:
Region:
Region Name:
Branch:
Branch Name:
File Name:
State Senate District:
Status:
Status Name:
Lead Agency:
Facility Type:
Facility Name:
NPL:
SIC Code:
SIC Name:
Access:
Cortese:

33890001
4
CYPRESS
SB
SO CAL - CYPRESS
Not reported
01011985
AWP - ANNUAL WORKPLAN (AWP) - ACTIVE SITE
ANNUAL WORKPLAN - ACTIVE SITE
DTSC
DEPT OF TOXIC SUBSTANCES CONTROL
RP
RESPONSIBLE PARTY
Not Listed
89
MISCELLANEOUS SERVICES
Not reported
Not reported

HISTORICAL CAL-SITES:
Facility ID:
Region:
Region Name:
Branch:
Branch Name:
File Name:
State Senate District:
Status:
Status Name:
Lead Agency:
Facility Type:
Facility Name:
NPL:
SIC Code:
SIC Name:
Access:
Cortese:

ENVIROSTOR:
Site Type:
Site Type Detailed:
Acres:
NPL:
Regulatory Agencies:
Lead Agency:
Program Manager:
Supervisor:
Division Branch:
Facility ID:
Site Code:
Assembly:
Senate:
Special Program:
Status:
Status Date:
Restricted Use:
Site Mgmt. Req.:

ENVIROSTOR:
Site Type:
Site Type Detailed:
Acres:
NPL:
Regulatory Agencies:
Lead Agency:
Program Manager:
Supervisor:
Division Branch:
Facility ID:
Site Code:
Assembly:
Senate:
Special Program:
Status:
Status Date:
Restricted Use:
Site Mgmt. Req.:

ENVIROSTOR:
Site Type:
Site Type Detailed:
Acres:
NPL:
Regulatory Agencies:
Lead Agency:
Program Manager:
Supervisor:
Division Branch:
Facility ID:
Site Code:
Assembly:
Senate:
Special Program:
Status:
Status Date:
Restricted Use:
Site Mgmt. Req.:

ENVIROSTOR:
Site Type:
Site Type Detailed:
Acres:
NPL:
Regulatory Agencies:
Lead Agency:
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Senate:
Special Program:
Status:
Status Date:
Restricted Use:
Site Mgmt. Req.:

ENVIROSTOR:
Site Type:
Site Type Detailed:
Acres:
NPL:
Regulatory Agencies:
Lead Agency:
Program Manager:
Supervisor:
Division Branch:
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Site Mgmt. Req.:

ENVIROSTOR:
Site Type:
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Acres:
NPL:
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Division Branch:
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ENVIROSTOR:
Site Type:
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Acres:
NPL:
Regulatory Agencies:
Lead Agency:
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Supervisor:
Division Branch:
Facility ID:
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Status Date:
Restricted Use:
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ENVIROSTOR:
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Site Type Detailed:
Acres:
NPL:
Regulatory Agencies:
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Division Branch:
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Site Mgmt. Req.:

ENVIROSTOR:
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NPL:
Regulatory Agencies:
Lead Agency:
Program Manager:
Supervisor:
Division Branch:
Facility ID:
Site Code:
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Senate:
Special Program:
Status:
Status Date:
Restricted Use:
Site Mgmt. Req.:

ENVIROSTOR:
Site Type:
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Acres:
NPL:
Regulatory Agencies:
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Program Manager:
Supervisor:
Division Branch:
Facility ID:
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Special Program:
Status:
Status Date:
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Site Mgmt. Req.:

ENVIROSTOR:
Site Type:
Site Type Detailed:
Acres:
NPL:
Regulatory Agencies:
Lead Agency:
Program Manager:
Supervisor:
Division Branch:
Facility ID:
Site Code:
Assembly:
Senate:
Special Program:
Status:
Status Date:
Restricted Use:
Site Mgmt. Req.:

Map ID
Direction
Distance
Elevation



Site

EDR ID Number
EPA ID Number

Database(s)

Map ID
Direction
Distance
Elevation



Site

EDR ID Number
EPA ID Number

Database(s)

UNIVERSITY OF CALIFORNIA - RIVERSIDE (Continued)

S100833324

UNIVERSITY OF CALIFORNIA - RIVERSIDE (Continued)

S100833324

Unknown Type: 0
 Facility ID: 33890001
 Activity: DES
 Activity Name: DESIGN
 AWP Code: PEST.
 Proposed Budget: 0
 AWP Completion Date: Not reported
 Revised Due Date: 06/19/2000
 Comments Date: Not reported
 Est Person-Yrs to complete: 0
 Estimated Size: Not reported
 Request to Delete Activity: Not reported
 Activity Status: AWP
 ANNUAL WORKPLAN - ACTIVE SITE
 Definition of Status: 0
 Liquids Removed (Gals): 0
 Liquids Treated (Gals): 0
 Action Included Capping: Not reported
 Well Decommissioned: Not reported
 Action Included Fencing: Not reported
 Removal Action Certification: Not reported
 Activity Comments: Not reported
 For Commercial Reuse: 0
 For Industrial Reuse: 0
 For Residential Reuse: 0
 Unknown Type: 0
 Facility ID: 33890001
 Activity: DEED
 Activity Name: DEED RESTRICTIONS
 AWP Code: Not reported
 Proposed Budget: 1231/2004
 AWP Completion Date: 04/30/2005
 Revised Due Date: Not reported
 Comments Date: Not reported
 Est Person-Yrs to complete: 0
 Estimated Size: Not reported
 Request to Delete Activity: Not reported
 Activity Status: AWP
 ANNUAL WORKPLAN - ACTIVE SITE
 Definition of Status: 0
 Liquids Removed (Gals): 0
 Liquids Treated (Gals): 0
 Action Included Capping: Not reported
 Well Decommissioned: Not reported
 Action Included Fencing: Not reported
 Removal Action Certification: Not reported
 Activity Comments: Not reported
 For Commercial Reuse: 0
 For Industrial Reuse: 0
 For Residential Reuse: 0
 Unknown Type: 0
 Alternate Address: 900 UNIVERSITY AVENUE
 Alternate City,St,Zip: RIVERSIDE, CA
 Alternate Address: 1060 PENNSYLVANIA AVENUE
 Alternate City,St,Zip: RIVERSIDE, CA 92521
 Background Info: The site consists of seven pits located in the Agricultural Operations yard of the University of California,Riverside campus. A wide diversity of organic chemicals including organochlorine pesticides, chlorinated herbicides, solvents, hydrocarbons, and

polychlorinated biphenyls (PCBs) have been identified in the pits. The pits were used from the mid-1960s, to the late 1960s, for the disposal of agricultural wastes and containers which presumably contained residual waste generated during research into various experimental pesticides. The disposal pits are not lined and there is potential for contamination of groundwater which is used for domestic supply. The pits are covered and there is little potential direct exposure.
 The first stage of a two stage RI/FS has been completed. The first stage identified the types of soil contamination and location of the pits.
 01141991
 Comments Date: DHS received EPA FIT SSI Reassessment. EPA is taking no further action due to DHS lead (07/20/90).
 Comments: 01141991
 Comments Date: 02/10/1981
 Comments: DHS ISD Permit issued.
 Comments Date: 03/26/1997
 Comments: Field work to start Spring 1997.
 Comments Date: 03/26/1997
 Comments: Not reported
 Comments Date: 05/16/1996
 Comments: DTSC approved the Draft Remedial Action Plan for the site.
 Comments Date: 05/16/1996
 Comments: Not reported
 Comments Date: 06/01/1984
 Comments: Preliminary Assessment Done: Agricultural & scientific research operations. Three pits and one landfill. Pits were filled in .15,000 cubic feet of materials are buried in the landfill. Currently, wastes are packed with vermiculite in 55-gallon drums, stored in paved/fenced/covered storage area, and hauled under manifest to a Class 1 disposal area (Hauler: Findly Chemical Disposal Co). No mark fence around landfill. Pits were active from 1959 to 1969.
 Comments Date: 06/01/1984
 Comments: Preliminary Assessment submitted to EPA.
 Comments Date: 06/06/1983
 Comments: DHS ISD Inspection. No violations observed.
 Comments Date: 06/19/2000
 Comments: Remedial Design for pesticides contaminated soil clean-up using DTSC provided comments on site closure report.
 Comments Date: 07/10/2003
 Comments: DTSC provided comments on site closure report.
 Comments Date: 07/10/2003
 Comments: Not reported
 Comments Date: 07/25/1991
 Comments: Site is adjacent to the University of California, Riverside research facility. Contaminants include pesticides, chlorinated herbicides, PCBs, and solvents.
 Comments Date: 07/25/1991
 Comments: Not reported

UNIVERSITY OF CALIFORNIA - RIVERSIDE (Continued) S100833324

Comments Date: 09/04/1985
 Comments: DHS received EPA E&E FIT Inspection Report (E&E REP NO C(85)
 Comments Date: 09/04/1985
 Comments: C338); Confirm DHS PA information. Underlying aquifer is not
 Comments Date: 09/04/1985
 Comments: used for drinking. DHS has the lead.
 Comments Date: 09/17/1986
 Comments: On Sep. 6, 1986 DTSC approved the final Remedial Design for
 Comments Date: 09/17/1986
 Comments: The Waste Pits area, with certain conditions.
 Comments Date: 09/17/1986
 Comments: Not reported
 Comments Date: 09/30/1987
 Comments: Field work suspended due to contract dispute.
 Comments Date: 09/30/1987
 Comments: Not reported
 Comments Date: 10/10/1985
 Comments: DTSC accepted an addendum to address the extensive comments
 Comments Date: 10/10/1985
 Comments: received during the review process and has subsequently
 Comments Date: 10/10/1985
 Comments: approved the RIFS report. Additional plots of contaminated
 Comments Date: 10/10/1985
 Comments: areas were provided; treatability study results were also
 Comments Date: 10/10/1985
 Comments: reviewed and found acceptable.
 Comments Date: 12/04/2001
 Comments: Site clean-up activity is ongoing using LTTD Unit at site.
 Comments Date: 12/21/1988
 Comments: Transition to Chapter 6.5 - Amendment to the existing Site
 Comments Date: 12/21/1988
 Comments: Investigation Agreement, Docket No. HSA 89/90-005 signed by the
 Comments Date: 12/21/1988
 Comments: RP.
 Comments Date: 06/19/2000
 Comments: low temperature thermal degradation unit (Transportable Treatment
 Comments Date: 06/19/2000
 Comments: Unit (TTU)) at site.
 Comments Date: 4/01/61
 Comments: CALSTARS CODE
 ID Value: BEP DATABASE PCODE
 ID Name: P41050
 ID Value: EPA IDENTIFICATION NUMBER
 ID Name: CAD073134777
 ID Value: UNIVERSITY OF CALIFORNIA RIVERSIDE
 Alternate Name: UNIVERSITY OF CALIFORNIA RIVERSIDE
 Special Programs Code: R3012
 Special Programs Name: RCRA 3012

CA BOND EXP. PLAN:
 Responsible Party: RESPONSIBLE PARTY- LEAD SITE CLEANUP WORKPLAN
 Project Revenue Source Company: Not reported
 Project Revenue Source Addr: Not reported
 Project Revenue Source City, St, Zip: Not reported
 Project Revenue Source Desc: The University of California Riverside Board of Regents and the Department are negotiating an enforceable agreement that will require the Regents to continue to conduct RIFS activities. DHS has budgeted \$50,000 for related direct costs and DHS will recover 100 percent of those costs plus staff costs and overhead

UNIVERSITY OF CALIFORNIA - RIVERSIDE (Continued) S100833324

related to the project. The Regents will pay all costs associated with site investigation and remediation.
 The site is adjacent to the University of California Riverside research facility. Pesticides and other hazardous substances from research activities were disposed of in pits on the site.
 Empty chemical containers, pesticides, miscellaneous experimental chemicals and lab stock chemicals were disposed of in unlined pits. The wastes identified in previous investigations include pesticides, chlorinated herbicides, solvents and polychlorinated biphenyls (PCBs).
 The variety of substances disposed of may present problems related to incompatibility of wastes and breakdown of constituents to more hazardous materials. The disposal sites are neither lined nor monitored. There is potential for contamination of ground water which is used for domestic supply. The pits are covered and there is little potential for direct exposure.
 The University of California completed remedial studies to identify soil contamination in April, 1988. Additional studies of soil and ground water are continuing.

CORTESE:
 Region: CORTESE
 Facility County Code: 33
 Reg By: CALSI
 Reg Id: 33890001

DEED:
 Area: PROJECT WIDE
 Sub Area: Not reported
 Site Type: STATE RESPONSE
 Status: CERTIFIED
 Deed Date(s): 2006-07-26 00:00:00

AWP:
 AWP Facility ID: 33890001
 Region Code: 4
 Region: CYPRESS
 SMBR Branch Code: SB
 SMBR Branch Unit: SO CAL - CYPRESS
 Site Name.: Not reported
 Current Status Date: 01/01/1985
 Current Status: ANNUAL WORKPLAN - ACTIVE SITE
 Lead Agency Code: DTSC
 Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
 Facility Type: responsible party
 Awp Site Type: RESPONSIBLE PARTY
 NPL: Not Listed
 Tier Of AWP Site: Not reported
 Source Of Funding: C
 Responsible Staff Member: GHOLMES
 Supervisor Responsible: Not reported
 SIC Code: 89
 Facility SIC: MISCELLANEOUS SERVICES
 RWQCB Code: SA
 RWQCB Associated With Site: SANTA ANA
 Site Access Controlled: Not reported
 Site Listed PWS List: Not reported
 Hazard Ranking Score: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site EDR ID Number EPA ID Number Database(s)

UNIVERSITY OF CALIFORNIA - RIVERSIDE (Continued)

S100833324

Date Site Hazard Ranked: Not reported
Groundwater Contamination: Suspected
Of Contamination Sources: 1
Lat/Long: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/Long Method: Not reported
Description Of Entity: Not reported
State Assembly Dist Code: 64
State Senate District: 31

RESPONSE:
Facility ID: 33890001
Site Type: State Response
Site Type Detail: State Response or NPL
Acres: 1.25
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Project Manager: RAFIQ AHMED
Supervisor: Greg Holmes
Division Branch: Cypress
Site Code: 400161
Site Mgmt. Req.: REM, DAY, HOS, LUC, MON, EX, GW, OIL, NUSE, NSUB, EXT, FOOD
Assembly: 64
Senate: 31

Special Program Status: Not reported
Status: Certified
Status Date: 12/18/2006 0:00
Restricted Use: YES
Funding: 33.9632101
Responsible Party: -117.335634
Latitude: 253-090-008-5
Longitude: APN:
Past Use: AGRICULTURAL - ORCHARD, LABORATORIES-CHEMICAL, PESTICIDE/INSECTICIDE STORAGE

Potential COC:
30003, 30004, 30006, 30007, 30008, 30010, 30018, 30019, 30022, 30023, 30026, 30027, 30032, 30063, 30066, 30076, 30088, 30106, 30112, 30114, 30135, 30136, 30147, 30158, 30171, 30172, 30177, 30178, 30184, 30185, 30186, 30187, 30193, 30194, 30197, 30200, 30207, 30244, 30258, 30261, 30267, 30272, 30308, 30309, 30311, 30312, 30337, 30344, 30366, 30367, 30384, 30405, 30441, 30443, 30448, 30458, 30473, 30474, 30475, 30476, 30477, 30478, 30479, 30480, 30481, 30482, 30483, 30484, 30485, 30492, 30498, 30499, 30535, 30550, 30563, 30564, 30565, 30571, 30578, 30593, 30458, 30473, 30474, 30475, 30476, 30477, 30478, 30479, 30480, 30481, 30482, 30483, 30484, 30485, 30492, 30498, 30499, 30535, 30550, 30563, 30564, 30565, 30571, 30578, 30593

Confirmed COC:
30076, 30088, 30106, 30112, 30114, 30135, 30136, 30147, 30158, 30171, 30172, 30177, 30178, 30184, 30185, 30186, 30187, 30193, 30194, 30197, 30200, 30207, 30244, 30258, 30261, 30267, 30272, 30308, 30309, 30311, 30312, 30337, 30344, 30366, 30367, 30384, 30405, 30441, 30443, 30448, 30458, 30473, 30474, 30475, 30476, 30477, 30478, 30479, 30480, 30481, 30482, 30483, 30484, 30485, 30492, 30498, 30499, 30535, 30550, 30563, 30564, 30565, 30571, 30578, 30593
OTH, SOIL
11003920277
EPA (FRS #)
400161
Project Code (Site Code)

Potential Description:
Alias Name:
Alias Type:
Alias Name:
Alias Type:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site EDR ID Number EPA ID Number Database(s)

UNIVERSITY OF CALIFORNIA - RIVERSIDE (Continued)

S100833324

Alias Name: 253-090-008-5
Alias Type: APN
Alias Name: CAD0073134777
Alias Type: EPA Identification Number
Alias Name: P411050
Alias Type: PC Code
Alias Name: 33890001
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 2006-02-07 00:00:00
Comments: The Groundwater Monitoring Operation and Maintenance Plan was approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 2006-02-06 00:00:00
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial or Removal Design
Completed Date: 1996-09-06 00:00:00
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 1996-05-16 00:00:00
Comments: DTSC approved the Draft Remedial Action Plan for the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 1995-10-10 00:00:00
Comments: Site is adjacent to the University of California, Riverside research facility. Contaminants include pesticides, chlori- nated herbicides, PCBs, and solvents.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 1987-12-30 00:00:00
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 1984-06-01 00:00:00
Comments: Preliminary Assessment Done: Agricultural & scientific research operations. Three pits and one landfill. Pits were filled-in. 15,000 cubic feet of materials are buried in the landfill. Currently, wastes are packed with vermiculite in 55-gallon drums, stored in paved/fenced covered storage area, and hauled under manifest to a

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Site

Database(s)

EDR ID Number
EPA ID Number

UNIVERSITY OF CALIFORNIA - RIVERSIDE (Continued)

S100833324

Class 1 disposal area (Hauler: Finly Chemical Disposal Co). No mark fence around landfill. Pits were active from 1958 to 1969. Preliminary Assessment submitted to EPA.

Completed Area Name:
Completed Sub Area Name:
Completed Document Type:
Completed Date:
Comments:

PROJECT WIDE
Not reported
* Remedial or Removal Design
2000-06-19 00:00:00
Remedial Design for pesticides contaminated soil clean-up using low temperature thermal degradation unit (Transportable Treatment Unit (TTU)) at site.

Completed Area Name:
Completed Sub Area Name:
Completed Document Type:
Completed Date:
Comments:

PROJECT WIDE
Not reported
Memorandum of Agreement - IAG
2006-05-12 00:00:00
Operation and Maintenance Agreement for Pesticide Pits.

Completed Area Name:
Completed Sub Area Name:
Completed Document Type:
Completed Date:
Comments:

PROJECT WIDE
Not reported
Long Term Monitoring Report
2007-05-24 00:00:00
Not reported

Completed Area Name:
Completed Sub Area Name:
Completed Document Type:
Completed Date:
Comments:

PROJECT WIDE
Not reported
Long Term Monitoring Report
2009-04-20 00:00:00
Comments need to be addressed.

Completed Area Name:
Completed Sub Area Name:
Completed Document Type:
Completed Date:
Comments:

PROJECT WIDE
Not reported
Long Term Monitoring Report
2009-04-20 00:00:00
Comments need to be addressed.

Completed Area Name:
Completed Sub Area Name:
Completed Document Type:
Completed Date:
Comments:

PROJECT WIDE
Not reported
Long Term Monitoring Report
2009-06-09 00:00:00
Combined 3rd Semiannual Groundwater Monitoring and 2008 Annual Monitoring Report approved.

Completed Area Name:
Completed Sub Area Name:
Completed Document Type:
Completed Date:
Comments:

PROJECT WIDE
Not reported
Long Term Monitoring Report
2009-09-01 00:00:00
Not reported

Completed Area Name:
Completed Sub Area Name:
Completed Document Type:
Completed Date:
Comments:

PROJECT WIDE
Not reported
Long Term Monitoring Report
2010-02-23 00:00:00
Not reported

Completed Area Name:
Completed Sub Area Name:

PROJECT WIDE
Not reported

UNIVERSITY OF CALIFORNIA - RIVERSIDE (Continued)

S100833324

Completed Document Type:
Completed Date:
Comments:
* Amended Order/Agreement, Chapter 6.5 transition
1998-12-21 00:00:00
Transition to Chapter 6.5 - Amendment to the existing Site Investigation Agreement, Docket No. HSA 8990-005 signed by the RP.

Completed Area Name:
Completed Sub Area Name:
Completed Document Type:
Completed Date:
Comments:

PROJECT WIDE
Not reported
* Order
1989-11-30 00:00:00
Not reported

Completed Area Name:
Completed Sub Area Name:
Completed Document Type:
Completed Date:
Comments:

PROJECT WIDE
Not reported
Certification
2006-12-18 00:00:00
Not reported

Completed Area Name:
Completed Sub Area Name:
Completed Document Type:
Completed Date:
Comments:

PROJECT WIDE
Not reported
Land Use Restriction - Site Inspection/Visit
2009-03-02 00:00:00
Completed Deed Restriction Inspection Report

Completed Area Name:
Completed Sub Area Name:
Completed Document Type:
Completed Date:
Comments:

PROJECT WIDE
Not reported
Land Use Restriction
2006-07-26 00:00:00
Not reported

Completed Area Name:
Completed Sub Area Name:
Completed Document Type:
Completed Date:
Comments:

PROJECT WIDE
Not reported
Land Use Restriction - Site Inspection/Visit
2007-09-17 00:00:00
Deed restriction inspection.

Completed Area Name:
Completed Sub Area Name:
Completed Document Type:
Completed Date:
Comments:

PROJECT WIDE
Not reported
Land Use Restriction - Site Inspection/Visit
2010-02-18 00:00:00
Completed and uploaded the copy of the Deed Restrictions Annual Inspection Report on EnviroStar

Future Area Name:
Future Sub Area Name:
Future Document Type:
Future Due Date:
Schedule Area Name:
Schedule Sub Area Name:
Schedule Document Type:
Schedule Due Date:
Schedule Revised Date:

PROJECT WIDE
Not reported
5 Year Review Reports
2012
Not reported
Not reported
Not reported
Not reported

ENVIROSTOR:

Site Type:
Site Type Detailed:
Acres:
NPL:
State Response
State Response or NPL
Acres:
NPL:

NO
3.25
NO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

UNIVERSITY OF CALIFORNIA - RIVERSIDE (Continued)

S100833324

UNIVERSITY OF CALIFORNIA - RIVERSIDE (Continued)

S100833324

Regulatory Agencies: SMBRP
 Lead Agency: SMBRP
 Program Manager: RAFIQ AHMED
 Supervisor: Greg Holmes
 Division Branch: Cypress
 Facility ID: 33890001
 Site Code: 400161
 Assembly: 64
 Senate: 31
 Special Program: Not reported
 Status: Certified
 Status Date: 12/18/2006 0:00
 YES
 Restricted Use: REM, DAY, HOS, LUC, MON, EX, GW, OIL, NUSE, NSUB, EXT, FOOD
 Site Mgmt. Req.: Responsible Party
 Funding: 33.9632101
 Latitude: -117.335634
 Longitude:
 APN: 253-090-008-5
 Past Use: AGRICULTURAL - ORCHARD, LABORATORIES- CHEMICAL, PESTICIDE/INSECTICIDE/RODENTICIDE STORAGE
 Potential COC: 30003, 30004, 30006, 30007, 30008, 30010, 30018, 30019, 30022, 30023, 30026, 30027, 30032, 30043, 30068, 30076, 30088, 30106, 30112, 30114, 30135, 30136, 30147, 30158, 30171, 30172, 30177, 30178, 30184, 30185, 30186, 30187, 30193, 30194, 30197, 30200, 30207, 30244, 30258, 30261, 30267, 30272, 30308, 30309, 30311, 30312, 30337, 30344, 30366, 30367, 30384, 30405, 30441, 30443, 30448, 30458, 30473, 30474, 30475, 30476, 30477, 30478, 30479, 30480, 30481, 30482, 30483, 30484, 30485, 30492, 30498, 30499, 30535, 30550, 30563, 30564, 30565, 30571, 30578, 30593, 30458, 30473, 30474, 30475, 30476, 30477, 30478, 30479, 30480, 30481, 30482, 30483, 30484, 30485, 30492, 30498, 30499, 30535, 30550, 30563, 30564, 30565, 30571, 30578, 30593, 30571, 30578, 30593, 30018, 30019, 30022, 30023, 30026, 30027, 30032, 30043, 30068, 30076, 30088, 30106, 30112, 30114, 30135, 30136, 30147, 30158, 30171, 30172, 30177, 30178, 30184, 30185, 30186, 30187, 30193, 30194, 30197, 30200, 30207, 30244, 30258, 30261, 30267, 30272, 30308, 30309, 30311, 30312, 30337, 30344, 30366, 30367, 30384, 30405, 30441, 30443, 30448, 30458, 30473, 30474, 30475, 30476, 30477, 30478, 30479, 30480, 30481, 30482, 30483, 30484, 30485, 30492, 30498, 30499, 30535, 30550, 30563, 30564, 30565, 30571, 30578, 30593, 30003, 30004, 30006, 30007, 30008, 30010, 30018, 30019, 30022, 30023, 30026, 30027, 30032, 30043, 30068, 30076, 30088, 30106, 30112, 30114, 30135, 30136, 30147, 30158, 30171, 30172, 30177, 30178, 30184, 30185, 30186, 30187, 30193, 30194, 30197, 30200, 30207, 30244, 30258, 30261, 30267, 30272, 30308, 30309, 30311, 30312, 30337, 30344, 30366, 30367, 30384, 30405, 30441, 30443, 30448, 30458, 30473, 30474, 30475, 30476, 30477, 30478, 30479, 30480, 30481, 30482, 30483, 30484, 30485, 30492, 30498, 30499, 30535, 30550, 30563, 30564, 30565, 30571, 30578, 30593, 01H, SOIL

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Remedial Action Completion Report
 Completed Document Type: 2006-02-06 00:00:00
 Comments: Not reported
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: * Remedial or Removal Design
 Remedial Action Completion Report
 Completed Document Type: 1996-09-06 00:00:00
 Comments: Not reported
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Remedial Action Plan
 Completed Document Type: 1986-05-16 00:00:00
 Comments: DTSC approved the Draft Remedial Action Plan for the site.
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Remedial Investigation / Feasibility Study
 Completed Document Type: 1995-10-10 00:00:00
 Comments: Site is adjacent to the University of California, Riverside research facility. Contaminants include pesticides, chlorinated herbicides, PCBs, and solvents.
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Public Participation Plan / Community Relations Plan
 Completed Document Type: 1987-12-30 00:00:00
 Comments: Not reported
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Preliminary Assessment Report
 Completed Document Type: 1984-06-01 00:00:00
 Comments: Preliminary Assessment Done: Agricultural & scientific research operations. Three pits and one landfill. Pits were filled-in. 15,000 cubic feet of materials are buried in the landfill. Curiosity, wastes are packed with vermiculite in 55-gallon drums. Stored in paved/enclosed/covered storage area, and hauled under manifest to a Class I disposal area (Hauler: Frindy Chemical Disposal Co). No mark fence around landfill. Pits were active from 1959 to 1969. Preliminary Assessment submitted to EPA.

Potential Description:
 Alias Name: I10033620277
 Alias Type: EPA (FRS #)
 Alias Name: 400161
 Alias Type: Project Code (Site Code)
 Alias Name: 253-090-008-5
 Alias Type: APN
 Alias Name: CAD0073134777
 Alias Type: EPA Identification Number
 Alias Name: P41050
 Alias Type: PCCode
 Alias Name: 33890001
 Alias Type: Envirostor ID Number
 Completed Info:
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Operations and Maintenance Report
 Completed Document Type: 2006-02-07 00:00:00
 Comments: The Groundwater Monitoring Operation and Maintenance Plan was approved.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

UNIVERSITY OF CALIFORNIA - RIVERSIDE (Continued)

S100833324

UNIVERSITY OF CALIFORNIA - RIVERSIDE (Continued)

S100833324

Comments: Operation and Maintenance Agreement for Pesticide Pits.

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Long Term Monitoring Report
 Completed Date: 2007-05-24 00:00:00
 Comments: Not reported

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Long Term Monitoring Report
 Completed Date: 2009-04-20 00:00:00
 Comments: Comments need to be addressed.

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Long Term Monitoring Report
 Completed Date: 2009-04-20 00:00:00
 Comments: Comments need to be addressed.

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Long Term Monitoring Report
 Completed Date: 2009-06-09 00:00:00
 Comments: Combined 31st Semiannual Groundwater Monitoring and 2008 Annual Monitoring Report approved.

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Long Term Monitoring Report
 Completed Date: 2009-09-01 00:00:00
 Comments: Not reported

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Long Term Monitoring Report
 Completed Date: 2010-02-23 00:00:00
 Comments: Not reported

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: * Amended Order/Agreement, Chapter 6.5 transition
 Completed Date: 1988-12-21 00:00:00
 Comments: Transition to Chapter 6.5 - Amendment to the existing Site Investigation Agreement, Docket No. HSA 89/90-005 signed by the RP.

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: * Order
 Completed Date: 1989-11-30 00:00:00
 Comments: Not reported

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Certification
 Completed Date: 2006-12-18 00:00:00
 Comments: Not reported

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Land Use Restriction - Site Inspection/Visit
 Completed Date: 2009-03-02 00:00:00
 Comments: Completed Deed Restriction Inspection Report

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Land Use Restriction
 Completed Date: 2006-07-26 00:00:00
 Comments: Not reported

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Land Use Restriction - Site Inspection/Visit
 Completed Date: 2007-09-17 00:00:00
 Comments: Deed restriction inspection.

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Land Use Restriction - Site Inspection/Visit
 Completed Date: 2010-02-18 00:00:00
 Comments: Completed and uploaded the copy of the Deed Restrictions Annual Inspection Report on EnviroStor

Future Area Name: PROJECT WIDE
 Future Sub Area Name: Not reported
 Future Document Type: 5 Year Review Reports
 Future Due Date: 2012

Schedule Area Name: Not reported
 Schedule Sub Area Name: Not reported
 Schedule Document Type: Not reported
 Schedule Due Date: Not reported
 Schedule Revised Date: Not reported

101 West 1/2-1 0.966 mi. 5059 ft. Relative: Lower Actual: 879 ft.

WELAND & COMPANY 3491 COMMERCIAL RIVERSIDE, CA 92507

ENVIROSTOR S10773793 NA

ENVIROSTOR:
 Site Type: Evaluation
 Site Type Detailed: Evaluation
 Acres: Not reported
 NPL: NO
 Lead Agency: SMBRP US EPA
 Regulatory Agencies: SMBRP
 Program Manager: Not reported
 Supervisor: Greg Holmes
 Division Branch: 6000227
 Facility ID: Not reported
 Site Code: 64
 Assembly: 21
 Senate: EPA - PASI
 Special Program: Inactive - Needs Evaluation
 Status: 3/6/2006 0:00
 Status Date:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EPA ID Number
EPA ID Number

Database(s)

Site

WEILAND & COMPANY (Continued)

S107737593

Restricted Use: NO
 Site Mgmt. Req.: NONE SPECIFIED
 Funding: Not Applicable
 Latitude: 0
 Longitude: 0
 APN: NONE SPECIFIED
 Past Use: NONE SPECIFIED
 Potential COC: NONE SPECIFIED
 Confirmed COC: NONE SPECIFIED
 Potential Description: NONE SPECIFIED
 Alias Name: 60000227
 Alias Type: Envirostor ID Number
 Completed Info:
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Site Screening
 Completed Date: 2006-06-13 00:00:00
 Comments: EPA Concurrence June 13,2006.
 Future Area Name: Not reported
 Future Sub Area Name: Not reported
 Future Document Type: Not reported
 Future Due Date: Not reported
 Schedule Area Name: Not reported
 Schedule Sub Area Name: Not reported
 Schedule Document Type: Not reported
 Schedule Due Date: Not reported
 Schedule Revised Date: Not reported

ORPHAN SUMMARY

City	EPA ID	Site Name	Site Address	Zo	Database(s)
BLYTHE	100157626	BLYTHE AIRPORT	HIGHWAY 60	92504	HIST JUST
BOX SPRINGS	100213838		OFF HWY	92507	RCA-SCG, FINDS
RIVERSIDE	100611723	SMITH PROPERTY	7TH ST & BRCKTON AVE		HIST JUST
RIVERSIDE	100157600	EDGE MONT SHELL	13260 HWY 345		HIST JUST
RIVERSIDE	200877250	WILSON	10717 MARCHMAN AVENUE A		ENVIROSTOR
RIVERSIDE	100856292	MACONOLA JUST NORTH OF MERRIL	MACONOLA JUST NORTH OF MERRIL		ENVIROSTOR
RIVERSIDE	100231013	ECONOLBE N TUNE	10717 MISSION BOLLEWARD HWY		RCA-LOG, FINDS, HAZNET
RIVERSIDE	100158060		NEAR RIVERSIDE	92501	CERCLIS, FINDS
RIVERSIDE	100381022	STEARNS DOWNTOWN LIQUOR	3389 7TH ST	92507	CA FIDUST, SWEEPS LIST
RIVERSIDE	100381022	STEARNS DOWNTOWN LIQUOR	4029 7TH ST		HIST JUST
RIVERSIDE	100311263	JURUPALINIFIED SCHOOL DIS	4740 STREET		HIST CORTESE
RIVERSIDE	100725162	PATRICIA BEATTY ELEMENTARY SCHOOL	3RD STREET AND COMMERCE ST	92507	US BROWNFIELDS
RIVERSIDE	100922627	CAMP HANN RIFLE RANGE	STRONG STREET AND RIVERA ST	92501	FINDS
RIVERSIDE			S WEST OF MARCH AIR FORCE BASE		Contin. RESPONSE, ENVIROSTOR

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List
National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 03/31/2010
Date Data Arrived at EDR: 04/02/2010
Last EDR Contact: 07/14/2010
Next Scheduled EDR Contact: 10/25/2010
Number of Days to Update: 10

Source: EPA
Telephone: N/A
Last EDR Contact: 07/14/2010
Next Scheduled EDR Contact: 10/25/2010
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1

Telephone: 617-918-1143

EPA Region 3

Telephone: 215-814-5418

EPA Region 4

Telephone: 404-562-8033

EPA Region 5

Telephone: 312-886-6686

EPA Region 10

Telephone: 206-553-8665

Proposed NPL - Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 03/31/2010
Date Data Arrived at EDR: 04/02/2010
Last EDR Contact: 07/14/2010
Next Scheduled EDR Contact: 10/25/2010
Number of Days to Update: 10

Source: EPA
Telephone: N/A
Last EDR Contact: 07/14/2010
Next Scheduled EDR Contact: 10/25/2010
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Last EDR Contact: 05/17/2010
Next Scheduled EDR Contact: 08/30/2010
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 05/17/2010
Next Scheduled EDR Contact: 08/30/2010
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions
The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 03/31/2010
Date Data Arrived at EDR: 04/02/2010
Last EDR Contact: 07/14/2010
Next Scheduled EDR Contact: 10/25/2010
Number of Days to Update: 10

Source: EPA
Telephone: N/A
Last EDR Contact: 07/14/2010
Next Scheduled EDR Contact: 10/25/2010
Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System
CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 01/29/2010
Date Data Arrived at EDR: 02/09/2010
Last EDR Contact: 07/12/2010
Next Scheduled EDR Contact: 10/11/2010
Number of Days to Update: 62

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 07/12/2010
Next Scheduled EDR Contact: 10/11/2010
Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPAa77s Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 06/23/2009
Date Data Arrived at EDR: 01/15/2010
Last EDR Contact: 07/21/2010
Next Scheduled EDR Contact: 10/25/2010
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 07/21/2010
Next Scheduled EDR Contact: 10/25/2010
Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 06/23/2009
Date Data Arrived at EDR: 09/02/2009
Last EDR Contact: 07/12/2010
Next Scheduled EDR Contact: 09/13/2010
Number of Days to Update: 19

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 07/12/2010
Next Scheduled EDR Contact: 09/13/2010
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/25/2010
 Date Data Arrived at EDR: 03/31/2010
 Last EDR Contact: 05/17/2010
 Next Scheduled EDR Contact: 08/30/2010
 Data Release Frequency: Quarterly

Source: EPA
 Telephone: 800-424-9346

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal
 RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDF's treat, store, or dispose of the waste.

Date of Government Version: 02/17/2010
 Date Data Arrived at EDR: 02/19/2010
 Last EDR Contact: 07/09/2010
 Next Scheduled EDR Contact: 10/18/2010
 Data Release Frequency: Quarterly

Source: Environmental Protection Agency
 Telephone: (415) 495-8895

Federal RCRA generators list

RCRA-LOG: RCRA - Large Quantity Generators
 RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LOGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/17/2010
 Date Data Arrived at EDR: 02/19/2010
 Last EDR Contact: 07/09/2010
 Next Scheduled EDR Contact: 10/18/2010
 Data Release Frequency: Quarterly

Source: Environmental Protection Agency
 Telephone: (415) 495-8895

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 02/17/2010
 Date Data Arrived at EDR: 02/19/2010
 Last EDR Contact: 07/09/2010
 Next Scheduled EDR Contact: 10/18/2010
 Data Release Frequency: Quarterly

Source: Environmental Protection Agency
 Telephone: (415) 495-8895

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/17/2010
 Date Data Arrived at EDR: 02/19/2010
 Last EDR Contact: 07/09/2010
 Next Scheduled EDR Contact: 10/18/2010
 Data Release Frequency: Varies

Source: Environmental Protection Agency
 Telephone: (415) 495-8895

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List
 A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 12/20/2009
 Date Data Arrived at EDR: 01/20/2010
 Last EDR Contact: 06/14/2010
 Next Scheduled EDR Contact: 09/27/2010
 Number of Days to Update: 82

Source: Environmental Protection Agency
 Telephone: 703-603-0695

US INST CONTROL - Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/20/2009
 Date Data Arrived at EDR: 01/20/2010
 Last EDR Contact: 06/14/2010
 Next Scheduled EDR Contact: 09/27/2010
 Number of Days to Update: 82

Source: Environmental Protection Agency
 Telephone: 703-603-0695

Federal ERNS list

ERNS: Emergency Response Notification System
 Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2009
 Date Data Arrived at EDR: 01/22/2010
 Last EDR Contact: 07/09/2010
 Next Scheduled EDR Contact: 10/18/2010
 Number of Days to Update: 20

Source: National Response Center, United States Coast Guard
 Telephone: 202-267-2180

State- and tribal - equivalent NPL

RESPONSE: State Response Sites
 Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 05/16/2010
 Date Data Arrived at EDR: 06/17/2010
 Last EDR Contact: 06/17/2010
 Next Scheduled EDR Contact: 08/23/2010
 Data Release Frequency: Quarterly

Source: Department of Toxic Substances Control
 Telephone: 916-325-3400

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database
 The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/16/2010
 Date Data Arrived at EDR: 06/17/2010
 Last EDR Contact: 07/07/2010
 Number of Days to Update: 20
 Data Release Frequency: Quarterly

Source: Department of Toxic Substances Control
 Telephone: 916-323-3400
 Last EDR Contact: 06/17/2010
 Next Scheduled EDR Contact: 08/23/2010
 Data Release Frequency: Quarterly

State and tribal landfill/ and/or solid waste disposal site lists

SWP/LF (SWS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWP/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/24/2010
 Date Data Arrived at EDR: 05/25/2010
 Last EDR Contact: 07/09/2010
 Number of Days to Update: 45

Source: Department of Resources Recycling and Recovery
 Telephone: 916-344-6320
 Last EDR Contact: 05/25/2010
 Next Scheduled EDR Contact: 09/08/2010
 Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUSTR REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
 Date Data Arrived at EDR: 04/23/2001
 Last EDR Contact: 06/25/2010
 Date Made Active in Reports: 05/21/2001
 Number of Days to Update: 28
 Data Release Frequency: No Update Planned

Source: California Regional Water Quality Control Board San Diego Region (9)
 Telephone: 858-637-5595
 Last EDR Contact: 06/25/2010
 Next Scheduled EDR Contact: 10/11/2010
 Data Release Frequency: No Update Planned

LUSTR REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
 Date Data Arrived at EDR: 02/26/2004
 Date Made Active in Reports: 03/24/2004
 Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
 Telephone: 760-776-8943
 Last EDR Contact: 05/03/2010
 Next Scheduled EDR Contact: 08/16/2010
 Data Release Frequency: No Update Planned

LUSTR REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 05/07/2005
 Date Data Arrived at EDR: 06/07/2005
 Date Made Active in Reports: 06/29/2005
 Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
 Telephone: 760-241-7365
 Last EDR Contact: 06/14/2010
 Next Scheduled EDR Contact: 09/27/2010
 Data Release Frequency: No Update Planned

LUSTR REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
 Date Data Arrived at EDR: 09/10/2003
 Date Made Active in Reports: 10/07/2003
 Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
 Telephone: 530-542-5572
 Last EDR Contact: 05/17/2010
 Next Scheduled EDR Contact: 08/30/2010
 Data Release Frequency: No Update Planned

LUSTR REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Butte, Colusa, Contra Costa, Calaveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Merced, Modoc, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tulumne, Yuba counties.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2008
 Date Data Arrived at EDR: 07/22/2008
 Last EDR Contact: 07/07/2010
 Number of Days to Update: 9
 Data Release Frequency: Quarterly

Source: California Regional Water Quality Control Board Central Valley Region (5)
 Telephone: 916-464-4634
 Last EDR Contact: 07/07/2010
 Next Scheduled EDR Contact: 10/18/2010
 Data Release Frequency: Quarterly

LUSTR REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
 Date Data Arrived at EDR: 09/07/2004
 Date Made Active in Reports: 10/12/2004
 Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
 Telephone: 213-576-6710
 Last EDR Contact: 06/07/2010
 Next Scheduled EDR Contact: 09/20/2010
 Data Release Frequency: No Update Planned

LUSTR REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
 Date Data Arrived at EDR: 05/19/2003
 Date Made Active in Reports: 06/02/2003
 Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
 Telephone: 805-542-4786
 Last EDR Contact: 07/19/2010
 Next Scheduled EDR Contact: 11/01/2010
 Data Release Frequency: No Update Planned

LUSTR REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marm, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
 Date Data Arrived at EDR: 10/20/2004
 Date Made Active in Reports: 11/19/2004
 Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
 Telephone: 510-622-2433
 Last EDR Contact: 06/21/2010
 Next Scheduled EDR Contact: 10/04/2010
 Data Release Frequency: Quarterly

LUSTR REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
 Date Data Arrived at EDR: 02/28/2001
 Date Made Active in Reports: 03/29/2001
 Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
 Telephone: 707-576-3769
 Last EDR Contact: 05/03/2010
 Next Scheduled EDR Contact: 08/16/2010
 Data Release Frequency: No Update Planned

LUSTR: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 06/22/2010
 Date Data Arrived at EDR: 06/23/2010
 Date Made Active in Reports: 07/09/2010
 Number of Days to Update: 16

Source: State Water Resources Control Board
 Telephone: see region list
 Last EDR Contact: 07/23/2010
 Next Scheduled EDR Contact: 10/04/2010
 Data Release Frequency: Quarterly

LUSTR REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909/82-4496
Last EDR Contact: 07/19/2010
Next Scheduled EDR Contact: 11/01/2010
Data Release Frequency: Varies

SLIC: Statewide SLIC Cases

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 06/22/2010
Date Data Arrived at EDR: 06/23/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 16

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 07/23/2010
Next Scheduled EDR Contact: 10/04/2010
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 06/21/2010
Next Scheduled EDR Contact: 10/04/2010
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/19/2006
Date Data Arrived at EDR: 05/19/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 26

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-546-5147
Last EDR Contact: 07/19/2010
Next Scheduled EDR Contact: 11/01/2010
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/07/2010
Next Scheduled EDR Contact: 10/18/2010
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/03/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 06/14/2010
Next Scheduled EDR Contact: 09/27/2010
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6683
Last EDR Contact: 05/17/2010
Next Scheduled EDR Contact: 08/30/2010
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 05/17/2010
Next Scheduled EDR Contact: 08/30/2010
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Water Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-786-3298
Last EDR Contact: 06/14/2010
Next Scheduled EDR Contact: 09/27/2010
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (6)
Telephone: 858-467-2980
Last EDR Contact: 05/10/2010
Next Scheduled EDR Contact: 08/23/2010
Data Release Frequency: Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/04/2010
 Date Data Arrived at EDR: 05/03/2010
 Date Made Active in Reports: 05/27/2010
 Number of Days to Update: 22
 Source: EPA Region 10
 Telephone: 206-553-2857
 Last EDR Contact: 05/03/2010
 Next Scheduled EDR Contact: 08/16/2010
 Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
 A listing of leaking underground storage tank locations on Indian Land.
 Date of Government Version: 02/19/2009
 Date Data Arrived at EDR: 02/19/2009
 Date Made Active in Reports: 03/16/2009
 Number of Days to Update: 25
 Source: EPA Region 1
 Telephone: 617-918-1313
 Last EDR Contact: 05/03/2010
 Next Scheduled EDR Contact: 08/16/2010
 Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
 LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 02/25/2010
 Date Data Arrived at EDR: 02/25/2010
 Date Made Active in Reports: 04/12/2010
 Number of Days to Update: 46
 Source: EPA Region 8
 Telephone: 303-312-8271
 Last EDR Contact: 05/03/2010
 Next Scheduled EDR Contact: 08/16/2010
 Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
 LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/03/2010
 Date Data Arrived at EDR: 05/05/2010
 Date Made Active in Reports: 05/27/2010
 Number of Days to Update: 22
 Source: EPA Region 6
 Telephone: 214-666-6597
 Last EDR Contact: 05/03/2010
 Next Scheduled EDR Contact: 08/16/2010
 Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
 LUSTs on Indian land in Florida, Mississippi and North Carolina.
 Date of Government Version: 03/10/2010
 Date Data Arrived at EDR: 03/16/2010
 Date Made Active in Reports: 04/12/2010
 Number of Days to Update: 27
 Source: EPA Region 4
 Telephone: 404-562-8677
 Last EDR Contact: 05/03/2010
 Next Scheduled EDR Contact: 08/16/2010
 Data Release Frequency: Semi-Annually

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
 LUSTs on Indian land in Arizona, California, New Mexico and Nevada
 Date of Government Version: 02/01/2010
 Date Data Arrived at EDR: 03/03/2010
 Date Made Active in Reports: 04/12/2010
 Number of Days to Update: 40
 Source: Environmental Protection Agency
 Telephone: 415-972-3372
 Last EDR Contact: 05/03/2010
 Next Scheduled EDR Contact: 08/16/2010
 Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
 LUSTs on Indian land in Iowa, Kansas, and Nebraska
 Date of Government Version: 11/04/2009
 Date Data Arrived at EDR: 05/04/2010
 Date Made Active in Reports: 07/07/2010
 Number of Days to Update: 64
 Source: EPA Region 7
 Telephone: 913-551-7003
 Last EDR Contact: 05/04/2010
 Next Scheduled EDR Contact: 08/16/2010
 Data Release Frequency: Varies

State and tribal registered storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Active UST Facilities
 Active UST facilities gathered from the local regulatory agencies
 Date of Government Version: 06/22/2010
 Date Data Arrived at EDR: 06/23/2010
 Date Made Active in Reports: 07/09/2010
 Number of Days to Update: 16
 Source: SWRCB
 Telephone: 916-480-1028
 Last EDR Contact: 06/23/2010
 Next Scheduled EDR Contact: 10/04/2010
 Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
 Registered Aboveground Storage Tanks.
 Date of Government Version: 08/01/2009
 Date Data Arrived at EDR: 09/10/2009
 Date Made Active in Reports: 10/01/2009
 Number of Days to Update: 21
 Source: State Water Resources Control Board
 Telephone: 916-344-5712
 Last EDR Contact: 07/12/2010
 Next Scheduled EDR Contact: 10/25/2010
 Data Release Frequency: Quarterly

INDIAN LUST R10: Underground Storage Tanks on Indian Land
 The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 05/04/2010
 Date Data Arrived at EDR: 05/05/2010
 Date Made Active in Reports: 05/27/2010
 Number of Days to Update: 22
 Source: EPA Region 10
 Telephone: 206-553-2857
 Last EDR Contact: 05/03/2010
 Next Scheduled EDR Contact: 08/16/2010
 Data Release Frequency: Quarterly

INDIAN LUST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 02/01/2010
 Date Data Arrived at EDR: 03/03/2010
 Date Made Active in Reports: 04/12/2010
 Number of Days to Update: 40
 Source: EPA Region 9
 Telephone: 415-972-3368
 Last EDR Contact: 05/03/2010
 Next Scheduled EDR Contact: 08/16/2010
 Data Release Frequency: Quarterly

INDIAN LUST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 02/25/2010
 Date Data Arrived at EDR: 02/25/2010
 Date Made Active in Reports: 04/12/2010
 Number of Days to Update: 46
 Source: EPA Region 8
 Telephone: 303-312-6137
 Last EDR Contact: 05/03/2010
 Next Scheduled EDR Contact: 08/16/2010
 Data Release Frequency: Quarterly

INDIAN LUST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/01/2008
 Date Data Arrived at EDR: 12/30/2008
 Date Made Active in Reports: 03/16/2009
 Number of Days to Update: 76
 Source: EPA Region 7
 Telephone: 913-551-7003
 Last EDR Contact: 05/12/2010
 Next Scheduled EDR Contact: 08/16/2010
 Data Release Frequency: Varies

INDIAN LUST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/03/2010
Date Data Arrived at EDR: 05/03/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 22

Source: EPA Region 6
Telephone: 214-665-7391
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Semi-Annually

INDIAN UST RS: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 02/11/2010
Date Data Arrived at EDR: 02/11/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 60

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 03/10/2010
Date Data Arrived at EDR: 03/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 27

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/19/2009
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 25

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 07/19/2010
Next Scheduled EDR Contact: 11/01/2010
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have requested that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/16/2010
Date Data Arrived at EDR: 06/17/2010
Date Made Active in Reports: 07/02/2010
Number of Days to Update: 20

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/17/2010
Next Scheduled EDR Contact: 08/23/2010
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 04/02/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 07/08/2010
Next Scheduled EDR Contact: 10/18/2010
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 03/02/2010
Date Data Arrived at EDR: 03/23/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 55

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/25/2010
Next Scheduled EDR Contact: 10/11/2010
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/28/2010
Next Scheduled EDR Contact: 09/20/2010
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WMUDSS/WAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Program Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 05/17/2010
Next Scheduled EDR Contact: 08/30/2010
Data Release Frequency: Quarterly

SWRCY: Recycler Database

A listing of recycling facilities in California.
Date of Government Version: 06/24/2010
Date Data Arrived at EDR: 06/25/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 14

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/25/2010
Next Scheduled EDR Contact: 10/04/2010
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 09/09/2010
Date Data Arrived at EDR: 09/10/2010
Date Made Active in Reports: 04/09/2010
Number of Days to Update: 30

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 07/07/2010
Next Scheduled EDR Contact: 09/09/2010
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 06/08/2010
Next Scheduled EDR Contact: 08/23/2010
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 06/19/2009
Date Data Arrived at EDR: 12/29/2009
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 43

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/08/2010
Next Scheduled EDR Contact: 09/20/2010
Data Release Frequency: Quarterly

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/08/2005

Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 06/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This program contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety of the environment they pose.

Date of Government Version: 06/16/2010
Date Data Arrived at EDR: 06/17/2010
Date Made Active in Reports: 07/07/2010
Number of Days to Update: 20

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/17/2010
Next Scheduled EDR Contact: 08/23/2010
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 02/25/2010
Date Made Active in Reports: 03/04/2010
Number of Days to Update: 7

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 07/07/2010
Next Scheduled EDR Contact: 10/18/2010
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/02/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

CA FID UST: Facility Inventory Database
The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resources Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5951
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009
Date Data Arrived at EDR: 09/23/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 8
Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 06/07/2010
Next Scheduled EDR Contact: 09/20/2010
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18
Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCS in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 09/11/2005
Number of Days to Update: 35
Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA (Superfund) lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/05/2010
Date Data Arrived at EDR: 02/11/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 60
Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31
Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/24/2010
Next Scheduled EDR Contact: 09/06/2010
Data Release Frequency: Varies

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 05/05/2010
Date Data Arrived at EDR: 05/07/2010
Date Made Active in Reports: 05/18/2010
Number of Days to Update: 11
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/19/2010
Next Scheduled EDR Contact: 11/01/2010
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMGRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 06/14/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/07/2010
Number of Days to Update: 22
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/15/2010
Next Scheduled EDR Contact: 09/27/2010
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 04/06/2010
Date Data Arrived at EDR: 04/07/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 50
Source: U.S. Department of Transportation
Telephone: 202-366-4655
Last EDR Contact: 07/09/2010
Next Scheduled EDR Contact: 10/18/2010
Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 05/09/2008
Date Made Active in Reports: 06/20/2008
Number of Days to Update: 42
Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 07/21/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 05/22/2010
Date Data Arrived at EDR: 06/23/2010
Date Made Active in Reports: 07/07/2010
Number of Days to Update: 14
Source: State Water Quality Control Board
Telephone: 866-480-1028
Last EDR Contact: 07/23/2010
Next Scheduled EDR Contact: 10/04/2010
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 06/22/2010
Date Data Arrived at EDR: 06/23/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 16
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 07/23/2010
Next Scheduled EDR Contact: 10/04/2010
Data Release Frequency: Quarterly

Other Ascertainable Records

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87
Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 07/09/2010
Next Scheduled EDR Contact: 10/18/2010
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/12/2010
Date Data Arrived at EDR: 02/09/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 62
Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 05/12/2010
Next Scheduled EDR Contact: 08/23/2010
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62
Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 07/22/2010
Next Scheduled EDR Contact: 11/01/2010
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 09/30/2009
Date Made Active in Reports: 12/01/2009
Number of Days to Update: 62
Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 06/16/2010
Next Scheduled EDR Contact: 09/27/2010
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 04/11/2010
Date Data Arrived at EDR: 04/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 28
Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 07/08/2010
Next Scheduled EDR Contact: 10/18/2010
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision, ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/29/2010
Date Data Arrived at EDR: 05/07/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 20
Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 06/16/2010
Next Scheduled EDR Contact: 09/27/2010
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 01/05/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 05/08/2009
Number of Days to Update: 1
Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 06/01/2010
Next Scheduled EDR Contact: 09/13/2010
Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/12/2010
Date Data Arrived at EDR: 03/10/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 68
Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5859
Last EDR Contact: 06/09/2010
Next Scheduled EDR Contact: 09/20/2010
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System, TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 01/13/2010
Date Made Active in Reports: 02/19/2010
Number of Days to Update: 36
Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 06/04/2010
Next Scheduled EDR Contact: 09/13/2010
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act, TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46
Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 07/07/2010
Next Scheduled EDR Contact: 10/11/2010
Data Release Frequency: Every 4 Years

FTTS: FIFRA/TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 06/01/2010
Next Scheduled EDR Contact: 09/13/2010
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 06/01/2010
Next Scheduled EDR Contact: 09/13/2010
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing our records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing our records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 01/06/2010
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 35
Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 04/24/2010
Date Data Arrived at EDR: 04/29/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 18
Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 06/25/2010
Next Scheduled EDR Contact: 10/11/2010
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS identifies generators, transporters, commercial stores and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/01/2009
Date Data Arrived at EDR: 10/21/2009
Date Made Active in Reports: 12/01/2009
Number of Days to Update: 41
Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/22/2010
Next Scheduled EDR Contact: 08/02/2010
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/18/2010
Date Data Arrived at EDR: 04/06/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 51
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 06/14/2010
Next Scheduled EDR Contact: 09/27/2010
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 04/13/2010
Date Data Arrived at EDR: 04/14/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 33
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/14/2010
Next Scheduled EDR Contact: 10/25/2010
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/14/2010
Date Data Arrived at EDR: 04/16/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 41
Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 07/07/2010
Next Scheduled EDR Contact: 09/27/2010
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administrative Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administrative actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1895
Date Data Arrived at EDR: 07/03/1895
Date Made Active in Reports: 06/07/1985
Number of Days to Update: 35
Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 02/25/2010
Date Made Active in Reports: 05/12/2010
Number of Days to Update: 76
Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 05/25/2010
Next Scheduled EDR Contact: 09/06/2010
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
 Date Data Arrived at EDR: 07/27/1994
 Last EDR Contact: 05/31/1994
 Next Scheduled EDR Contact: N/A
 Number of Days to Update: 6
 Data Release Frequency: No Update Planned

CA WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
 Date Data Arrived at EDR: 06/20/2007
 Last EDR Contact: 06/01/2010
 Next Scheduled EDR Contact: 09/13/2010
 Number of Days to Update: 9
 Data Release Frequency: Quarterly

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 05/21/2010
 Date Data Arrived at EDR: 05/25/2010
 Last EDR Contact: 05/25/2010
 Next Scheduled EDR Contact: 09/06/2010
 Number of Days to Update: 43
 Data Release Frequency: Quarterly

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWFLS), and the Department of Toxic Substances Control (Cal-Sites). This listing is no longer updated by the state agency.

Date of Government Version: 04/05/2010
 Date Data Arrived at EDR: 04/07/2010
 Last EDR Contact: 07/09/2010
 Next Scheduled EDR Contact: 10/18/2010
 Number of Days to Update: 41
 Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substances Site List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWFLS), and the Department of Toxic Substances Control (CALSITES).

Date of Government Version: 04/01/2001
 Date Data Arrived at EDR: 01/22/2009
 Last EDR Contact: 01/22/2009
 Next Scheduled EDR Contact: N/A
 Number of Days to Update: 76
 Data Release Frequency: No Update Planned

NOTIFY 65: Proposition 65 Records

Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/1993
 Date Data Arrived at EDR: 11/01/1993
 Last EDR Contact: 06/25/2010
 Next Scheduled EDR Contact: 10/11/2010
 Number of Days to Update: 18
 Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DRYCLEANERS: Cleaner Facilities

A list of dry-cleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial, garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholstery cleaning; industrial laundries; laundry and garment services.

Date of Government Version: 12/22/2009
 Date Data Arrived at EDR: 01/25/2010
 Last EDR Contact: 07/21/2010
 Next Scheduled EDR Contact: 09/27/2010
 Number of Days to Update: 4
 Data Release Frequency: Annually

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
 Date Data Arrived at EDR: 07/21/2009
 Last EDR Contact: 07/09/2010
 Next Scheduled EDR Contact: 10/18/2010
 Number of Days to Update: 13
 Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/2008
 Date Data Arrived at EDR: 10/21/2009
 Last EDR Contact: 07/21/2010
 Next Scheduled EDR Contact: 11/01/2010
 Number of Days to Update: 7
 Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2007
 Date Data Arrived at EDR: 07/14/2009
 Last EDR Contact: 07/09/2010
 Next Scheduled EDR Contact: 10/11/2010
 Number of Days to Update: 9
 Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
 Date Data Arrived at EDR: 12/08/2006
 Last EDR Contact: 01/11/2007
 Next Scheduled EDR Contact: 11/01/2010
 Number of Days to Update: 34
 Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 02/10/2010
 Date Data Arrived at EDR: 02/11/2010
 Last EDR Contact: 07/26/2010
 Next Scheduled EDR Contact: 11/08/2010
 Number of Days to Update: 60
 Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PROC: Certified Processors Database

A listing of certified processors.
 Date of Government Version: 06/24/2010
 Date Data Arrived at EDR: 06/25/2010
 Last EDR Contact: 07/09/2010
 Next Scheduled EDR Contact: 10/04/2010
 Number of Days to Update: 14
 Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 05/27/2010
 Date Data Arrived at EDR: 06/16/2010
 Last EDR Contact: 06/14/2010
 Next Scheduled EDR Contact: 09/27/2010
 Number of Days to Update: 23
 Data Release Frequency: Varies

COAL ASH DOE: Steam-Electric Plan, Operation Data

A listing of power plants that store ash in surface ponds.
 Date of Government Version: 12/31/2005
 Date Data Arrived at EDR: 06/07/2009
 Last EDR Contact: 07/21/2010
 Next Scheduled EDR Contact: 11/01/2010
 Number of Days to Update: 76
 Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.
 Date of Government Version: 11/09/2009
 Date Data Arrived at EDR: 12/18/2009
 Last EDR Contact: 06/14/2010
 Next Scheduled EDR Contact: 09/27/2010
 Number of Days to Update: 54
 Data Release Frequency: Varies

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.
 Date of Government Version: 04/21/2010
 Date Data Arrived at EDR: 04/21/2010
 Last EDR Contact: 07/21/2010
 Next Scheduled EDR Contact: 11/01/2010
 Number of Days to Update: 27
 Data Release Frequency: Quarterly

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.
 Date of Government Version: 05/11/2010
 Date Data Arrived at EDR: 05/12/2010
 Last EDR Contact: 05/12/2010
 Next Scheduled EDR Contact: 08/23/2010
 Number of Days to Update: 6
 Data Release Frequency: Quarterly

FINANCIAL ASSURANCE 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/09/2010
 Date Data Arrived at EDR: 03/10/2010
 Last EDR Contact: 04/09/2010
 Next Scheduled EDR Contact: 09/06/2010
 Number of Days to Update: 30
 Data Release Frequency: Varies

Source: California Integrated Waste Management Board
 Telephone: 916-341-6886
 Last EDR Contact: 07/07/2010
 Next Scheduled EDR Contact: 09/06/2010
 Data Release Frequency: Varies

FINANCIAL ASSURANCE: Financial Assurance Information Listing

Financial Assurance Information
 Date of Government Version: 03/01/2007
 Date Data Arrived at EDR: 06/01/2007
 Last EDR Contact: 05/05/2010
 Next Scheduled EDR Contact: 08/16/2010
 Number of Days to Update: 28
 Data Release Frequency: Varies

Source: Department of Toxic Substances Control
 Telephone: 916-255-3628
 Last EDR Contact: 05/05/2010
 Next Scheduled EDR Contact: 08/16/2010
 Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administered lands of the United States. Lands included are administered by: Army Corps of Engineers; Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
 Date Data Arrived at EDR: 02/06/2006
 Last EDR Contact: 07/22/2010
 Next Scheduled EDR Contact: 11/01/2010
 Number of Days to Update: 339
 Data Release Frequency: N/A

Source: U.S. Geological Survey
 Telephone: 888-275-8747
 Last EDR Contact: 07/22/2010
 Next Scheduled EDR Contact: 11/01/2010
 Data Release Frequency: N/A

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.
 Date of Government Version: 01/01/2008
 Date Data Arrived at EDR: 02/18/2009
 Last EDR Contact: 05/14/2010
 Next Scheduled EDR Contact: 08/16/2010
 Number of Days to Update: 100
 Data Release Frequency: Varies

Source: Environmental Protection Agency
 Telephone: 202-566-0517
 Last EDR Contact: 05/14/2010
 Next Scheduled EDR Contact: 08/16/2010
 Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants
 The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used waste oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oil waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
 Date Data Arrived at EDR: N/A
 Last EDR Contact: N/A
 Next Scheduled EDR Contact: N/A
 Number of Days to Update: N/A
 Data Release Frequency: No Update Planned

Source: EDR, Inc.
 Telephone: N/A
 Last EDR Contact: N/A
 Next Scheduled EDR Contact: N/A
 Data Release Frequency: No Update Planned

EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 04/12/2010
Date Data Arrived at EDR: 04/14/2010
Date Made Active in Reports: 05/18/2010
Number of Days to Update: 34

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 07/07/2010
Next Scheduled EDR Contact: 10/18/2010
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 04/12/2010
Date Data Arrived at EDR: 04/14/2010
Date Made Active in Reports: 05/18/2010
Number of Days to Update: 34

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 07/07/2010
Next Scheduled EDR Contact: 10/18/2010
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 05/24/2010
Date Data Arrived at EDR: 05/25/2010
Date Made Active in Reports: 07/07/2010
Number of Days to Update: 43

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 05/24/2010
Next Scheduled EDR Contact: 08/23/2010
Data Release Frequency: Semi-Annually

FRESNO COUNTY:

CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/15/2010
Date Data Arrived at EDR: 04/16/2010
Date Made Active in Reports: 05/18/2010
Number of Days to Update: 32

Source: Dept. of Community Health
Telephone: 589-446-3271
Last EDR Contact: 07/19/2010
Next Scheduled EDR Contact: 11/01/2010
Data Release Frequency: Semi-Annually

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 06/24/2010
Date Data Arrived at EDR: 06/24/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 15

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 06/24/2010
Next Scheduled EDR Contact: 08/30/2010
Data Release Frequency: Quarterly

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 02/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 06/25/2010
Next Scheduled EDR Contact: 10/11/2010
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 04/13/2010
Date Made Active in Reports: 05/18/2010
Number of Days to Update: 35

Source: Department of Public Works
Telephone: 626-468-3517
Last EDR Contact: 07/19/2010
Next Scheduled EDR Contact: 11/01/2010
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/23/2010
Date Data Arrived at EDR: 04/28/2010
Date Made Active in Reports: 05/18/2010
Number of Days to Update: 22

Source: La County Department of Public Works
Telephone: 818-466-5185
Last EDR Contact: 07/26/2010
Next Scheduled EDR Contact: 11/08/2010
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009
Date Data Arrived at EDR: 03/10/2009
Date Made Active in Reports: 04/09/2009
Number of Days to Update: 29

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 06/18/2010
Next Scheduled EDR Contact: 09/06/2010
Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/09/2010
Date Data Arrived at EDR: 02/12/2010
Date Made Active in Reports: 03/04/2010
Number of Days to Update: 20

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 07/26/2010
Next Scheduled EDR Contact: 11/09/2010
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.
Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 07/26/2010
Next Scheduled EDR Contact: 11/09/2010
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.
Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.
Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 07/19/2010
Next Scheduled EDR Contact: 11/01/2010
Data Release Frequency: Semi-Annually

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.
Source: Public Works Department Waste Management
Telephone: 415-496-6647
Last EDR Contact: 07/12/2010
Next Scheduled EDR Contact: 10/25/2010
Data Release Frequency: Semi-Annually

NAPA COUNTY:

Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 06/07/2010
Next Scheduled EDR Contact: 09/20/2010
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 06/07/2010
Next Scheduled EDR Contact: 09/20/2010
Data Release Frequency: No Update Planned

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.
Date of Government Version: 05/05/2010
Date Data Arrived at EDR: 05/21/2010
Date Made Active in Reports: 07/07/2010
Number of Days to Update: 47

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/18/2010
Next Scheduled EDR Contact: 08/30/2010
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).
Date of Government Version: 05/05/2010
Date Data Arrived at EDR: 05/21/2010
Date Made Active in Reports: 07/07/2010
Number of Days to Update: 47

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/18/2010
Next Scheduled EDR Contact: 08/30/2010
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (LUST).
Date of Government Version: 02/03/2010
Date Data Arrived at EDR: 02/12/2010
Date Made Active in Reports: 02/23/2010
Number of Days to Update: 11

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/28/2010
Next Scheduled EDR Contact: 08/30/2010
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.
Date of Government Version: 06/22/2010
Date Data Arrived at EDR: 06/29/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 15

Source: Placer County Health and Human Services
Telephone: 530-889-7312
Last EDR Contact: 06/14/2010
Next Scheduled EDR Contact: 09/27/2010
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).
Date of Government Version: 04/19/2010
Date Data Arrived at EDR: 04/19/2010
Date Made Active in Reports: 05/19/2010
Number of Days to Update: 29

Source: Department of Public Health
Telephone: 951-358-9055
Last EDR Contact: 07/07/2010
Next Scheduled EDR Contact: 10/11/2010
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Source: Health Services Agency
Telephone: 951-358-5055
Date Data Arrived at EDR: 04/19/2010
Last EDR Contact: 07/07/2010
Next Scheduled EDR Contact: 10/11/2010
Number of Days to Update: 29
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Source: Sacramento County Environmental Management
Telephone: 916-876-8406
Date Data Arrived at EDR: 04/15/2010
Last EDR Contact: 07/22/2010
Next Scheduled EDR Contact: 10/25/2010
Number of Days to Update: 33
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Source: Sacramento County Environmental Management
Telephone: 916-876-8406
Date Data Arrived at EDR: 04/15/2010
Last EDR Contact: 07/22/2010
Next Scheduled EDR Contact: 10/25/2010
Number of Days to Update: 32
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Date Data Arrived at EDR: 06/11/2010
Last EDR Contact: 05/17/2010
Next Scheduled EDR Contact: 08/30/2010
Number of Days to Update: 28
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE59 - This report contains the business name, site address, business phone number, establishment H permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE59 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Source: Hazardous Materials Management Division
Telephone: 619-336-2268
Date Data Arrived at EDR: 10/29/2008
Last EDR Contact: 06/23/2010
Next Scheduled EDR Contact: 09/27/2010
Number of Days to Update: 28
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Source: Department of Health Services
Telephone: 619-336-2209
Date Data Arrived at EDR: 12/04/2009
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Number of Days to Update: 45
Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Source: San Diego County Department of Environmental Health
Telephone: 619-336-2371
Date Data Arrived at EDR: 06/15/2010
Last EDR Contact: 06/15/2010
Next Scheduled EDR Contact: 09/27/2010
Number of Days to Update: 24
Data Release Frequency: Varies

SAN FRANCISCO COUNTY:

Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Date Data Arrived at EDR: 09/19/2008
Last EDR Contact: 05/17/2010
Next Scheduled EDR Contact: 08/30/2010
Number of Days to Update: 10
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Source: Department of Public Health
Telephone: 415-252-3920
Date Data Arrived at EDR: 05/17/2010
Last EDR Contact: 05/17/2010
Next Scheduled EDR Contact: 08/30/2010
Number of Days to Update: 53
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. LUST

A listing of underground storage tank locations in San Joaquin county.

Source: Environmental Health Department
Telephone: N/A
Date Data Arrived at EDR: 06/09/2010
Last EDR Contact: 07/07/2010
Next Scheduled EDR Contact: 10/11/2010
Number of Days to Update: 30
Data Release Frequency: Semi-Annually

SAN MATEO COUNTY:

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Date Data Arrived at EDR: 04/21/2010
Last EDR Contact: 06/21/2010
Next Scheduled EDR Contact: 10/04/2010
Number of Days to Update: 27
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.
Source: San Mateo County Environmental Health Services Division
Date of Government Version: 06/21/2010
Date Data Arrived at EDR: 06/22/2010
Date Made Active in Reports: 07/09/2010
Next Scheduled EDR Contact: 10/04/2010
Number of Days to Update: 17
Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county.
Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22
Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 05/29/2009
Date Data Arrived at EDR: 06/01/2009
Date Made Active in Reports: 06/15/2009
Number of Days to Update: 14
Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 06/31/2009
Date Data Arrived at EDR: 06/31/2009
Date Made Active in Reports: 09/18/2009
Number of Days to Update: 18
Data Release Frequency: Annually

SOLANO COUNTY:

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.
Source: Solano County Department of Environmental Management
Date of Government Version: 06/07/2010
Date Data Arrived at EDR: 06/22/2010
Date Made Active in Reports: 07/09/2010
Next Scheduled EDR Contact: 09/20/2010
Number of Days to Update: 17
Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.
Source: Solano County Department of Environmental Management
Date of Government Version: 06/07/2010
Date Data Arrived at EDR: 06/23/2010
Date Made Active in Reports: 07/09/2010
Next Scheduled EDR Contact: 09/20/2010
Number of Days to Update: 16
Data Release Frequency: Quarterly

SONOMA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.
Source: Department of Health Services
Date of Government Version: 04/06/2010
Date Data Arrived at EDR: 04/07/2010
Date Made Active in Reports: 05/19/2010
Next Scheduled EDR Contact: 10/18/2010
Number of Days to Update: 41
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.
Source: Sutter County Department of Agriculture
Date of Government Version: 04/01/2009
Date Data Arrived at EDR: 04/02/2009
Date Made Active in Reports: 04/09/2009
Number of Days to Update: 7
Data Release Frequency: Semi-Annually

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 04/26/2010
Date Data Arrived at EDR: 05/28/2010
Date Made Active in Reports: 07/07/2010
Number of Days to Update: 40
Data Release Frequency: Quarterly

Inventory of Illegal/Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal/Abandoned, and Inactive Sites.
Source: Environmental Health Division
Date of Government Version: 08/01/2009
Date Data Arrived at EDR: 10/05/2009
Date Made Active in Reports: 10/13/2009
Number of Days to Update: 8
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).
Source: Environmental Health Division
Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37
Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Closed Sites List
Source: Environmental Health Division
Date of Government Version: 05/26/2010
Date Data Arrived at EDR: 06/24/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 15
Data Release Frequency: Quarterly

YOLO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tank, Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Source: Yolo County Department of Health
Date of Government Version: 04/07/2010
Date Data Arrived at EDR: 04/13/2010
Date Made Active in Reports: 05/19/2010
Next Scheduled EDR Contact: 10/11/2010
Number of Days to Update: 35
Data Release Frequency: Annually

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 06/28/2009
Date Made Active in Reports: 09/11/2009
Next Scheduled EDR Contact: 09/06/2010
Number of Days to Update: 16
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 01/20/2010
Date Made Active in Reports: 02/05/2010
Number of Days to Update: 16

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 04/30/2010
Date Data Arrived at EDR: 05/13/2010
Date Made Active in Reports: 06/21/2010
Next Scheduled EDR Contact: 08/23/2010
Number of Days to Update: 39
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 12/01/2009
Date Made Active in Reports: 12/14/2009
Next Scheduled EDR Contact: 09/06/2010
Number of Days to Update: 13
Data Release Frequency: Annually

RI MANIFEST: Manifest Information

Hazardous waste manifest information

Date of Government Version: 11/03/2009
Date Data Arrived at EDR: 02/12/2010
Date Made Active in Reports: 02/22/2010
Next Scheduled EDR Contact: 09/13/2010
Number of Days to Update: 10
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Source: Department of Natural Resources
Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 07/06/2010
Date Made Active in Reports: 07/26/2010
Next Scheduled EDR Contact: 10/04/2010
Number of Days to Update: 20
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1984. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: Revlog Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-290-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NW1: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

NORTH HIGH SCHOOL
1550 THIRD STREET
RIVERSIDE, CA 92507

TARGET PROPERTY COORDINATES

Latitude (North): 33.98140 - 33° 58' 53.0"
Longitude (West): 117.3472 - 117° 20' 49.9"
Universal Transverse Mercator: Zone 11
UTM X (Meters): 467929.1
UTM Y (Meters): 3759953.5
Elevation: 955 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 33117-H3 RIVERSIDE EAST, CA
Most Recent Revision: 1980

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

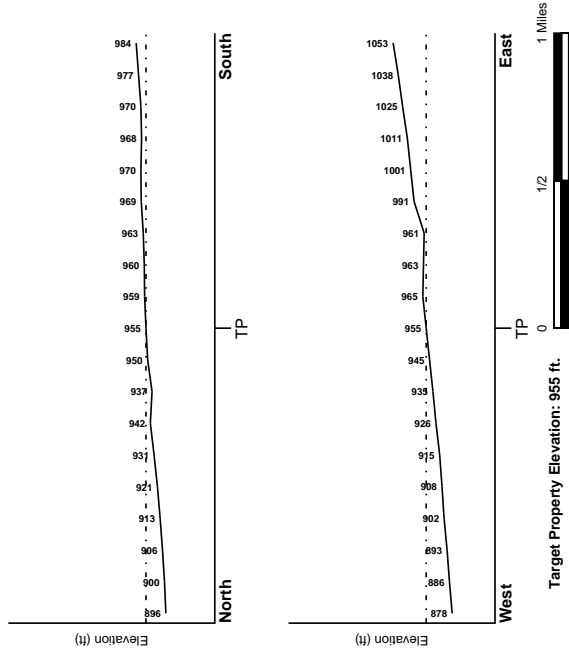
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WNW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

FEMA Flood Electronic Data
 YES - refer to the Overview Map and Detail Map
 RIVERSIDE, CA

Flood Plain Panel at Target Property: 06065C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Electronic Data Coverage
 YES - refer to the Overview Map and Detail Map
 NOT AVAILABLE

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*

Search Radius: 1.25 miles
 Status: Not found

AQUIFLOW®

Search Radius: 1,000 Miles.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
1	1/8 - 1/4 Mile ENE	NW
A3	1/4 - 1/2 Mile ENE	Not Reported
A4	1/4 - 1/2 Mile ENE	Not Reported
A5	1/4 - 1/2 Mile ENE	Not Reported
6	1/2 - 1 Mile NNW	SW
A7	1/2 - 1 Mile ENE	W
A8	1/2 - 1 Mile ENE	W
B10	1/2 - 1 Mile WSW	NW
B11	1/2 - 1 Mile WSW	NW

* EDR has obtained hydrogeological data from reports by CDCLA, CDWR, and other agencies. All of the information and opinions presented are those of the cited EPA reports, which were compiled under the supervision of EDR. EDR does not warrant the accuracy or completeness of the information presented. EDR is not responsible for any errors or omissions in this report.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

MAP ID _____
15
LOCATION FROM TP _____
1/2 - 1 Mile WSW
GENERAL DIRECTION
GROUNDWATER FLOW
W

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

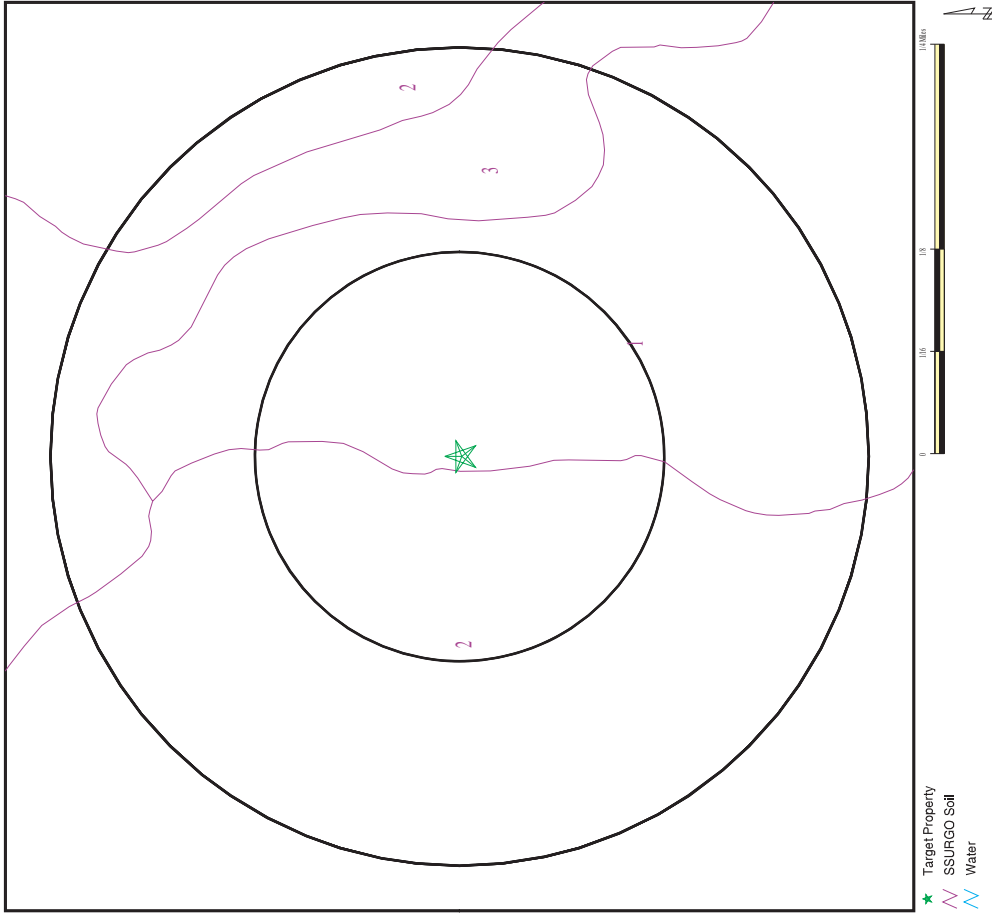
ROCK STRATIGRAPHIC UNIT

Era: Mesozoic
System: Cretaceous
Series: Cretaceous granitic rocks
Code: Kg (decoded above as Era, System & Series)
Category: Plutonic and Intrusive Rocks

GEOLOGIC AGE IDENTIFICATION

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schuben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 2828680.4s



GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: HANFORD

Soil Surface Texture: coarse sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Waterable Min: > 0 inches

Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	coarse sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 5.6
2	7 inches	40 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 5.6
3	40 inches	59 inches	stratified loamy sand to coarse sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 5.6

SITE NAME: North High School
 ADDRESS: 1550 Third Street
 ADDRESS: Riverside CA 92507
 LAT/LONG: 33.9814 / 117.3472

CLIENT: The Planning Center-LA Office
 CONTACT: Henry Kaplan
 INQUIRY #: 2828680.4s
 DATE: July 29, 2010 9:03 am

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: ARLINGTON
 Soil Surface Texture: fine sandy loam
 Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
 Soil Drainage Class: Well drained
 Hydric Status: Not hydric
 Corrosion Potential - Uncoated Steel: Low
 Depth to Bedrock Min: > 0 inches
 Depth to Waterable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.6
2	11 inches	50 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.6
3	50 inches	59 inches	cemented	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.6
4	59 inches	70 inches	coarse sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 3

Soil Component Name: HANFORD
 Soil Surface Texture: coarse sandy loam
 Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
 Soil Drainage Class: Well drained
 Hydric Status: Not hydric
 Corrosion Potential - Uncoated Steel: Low
 Depth to Bedrock Min: > 0 inches
 Depth to Waterable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	coarse sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 5.6
2	7 inches	40 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 5.6
3	40 inches	59 inches	stratified loamy sand to coarse sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 5.6

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1,000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1,000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
C12	USGS3124400	1/2 - 1 Mile NW
14	USGS3124377	1/2 - 1 Mile WNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

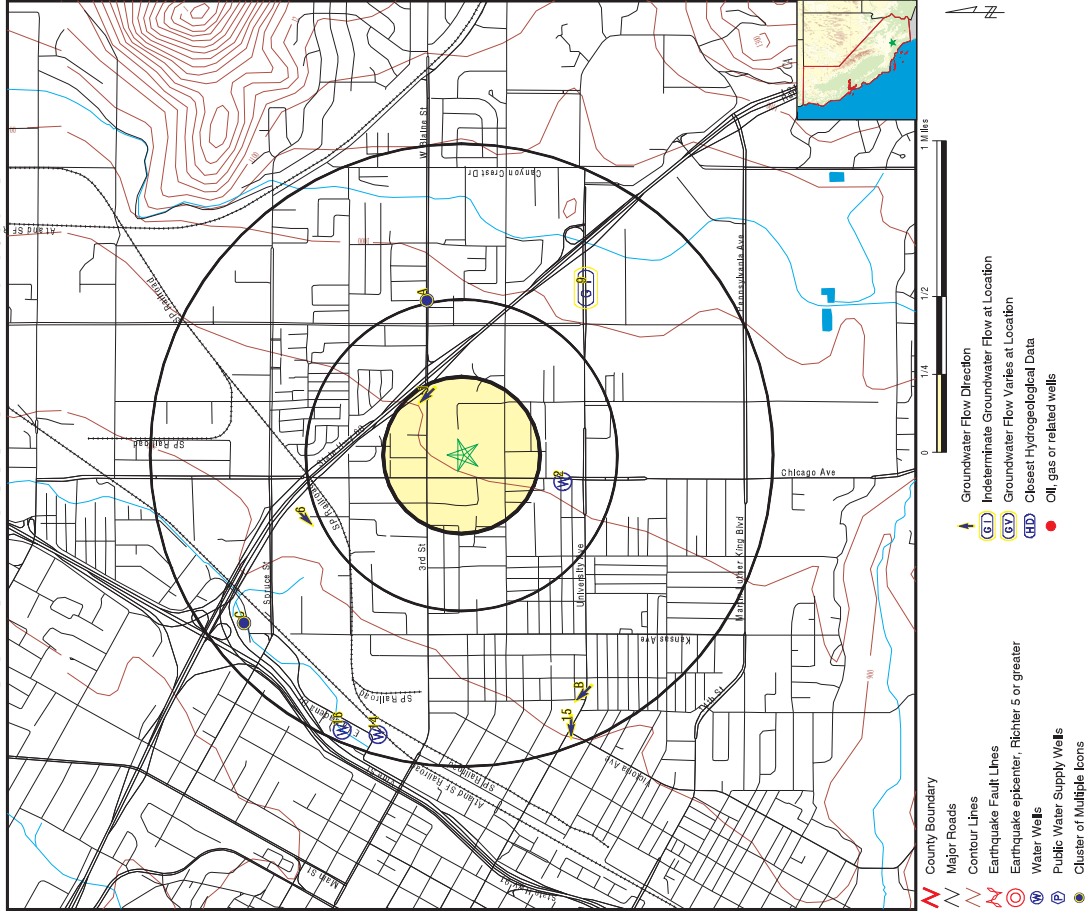
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
2	23631	1/4 - 1/2 Mile SSW
C13	2513	1/2 - 1 Mile NW
16	2533	1/2 - 1 Mile WNW

PHYSICAL SETTING SOURCE MAP - 2828680.4S



SITE NAME: North High School
 ADDRESS: 1550 Third Street
 Riverside CA 92507
 LAT/LONG: 33.9814 / 117.3472

CLIENT: The Planning Center-LA Office
 CONTACT: Henry Kaplan
 INQUIRY #: 2828680.4S
 DATE: July 29, 2010 9:03 am

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation Database EDR ID Number

1 **ENE** Site ID: 083301200T
 1/8 - 1/4 Mile NW Groundwater Flow:
 Higher Not Reported
 Deep Water Depth: Not Reported
 Average Water Depth: 150'
 Date: 10/30/1998

2 **SSW** CA WELLS 23631
 1/4 - 1/2 Mile Higher

Water System Information:
 Prime Station Code: N33/031-7THCHIC
 FROS Number: 3310031107
 District Number: 14
 Water Type: Surface Water
 Source Lat/Long: 335836.5 1172052.1
 Source Name: 7TH & CHICAGO - DISTRIBUTION
 System Number: 3310031
 System Name: Riverside, City of
 Organization That Operates System: 3900 MAIN STREET
 RIVERSIDE, CA 92522

Pop. Served: 245000
 Area Served: RIVERSIDE
 Sample Collected: 01/02/2007
 Chemical: TOTAL DISSOLVED SOLIDS
 Findings: 342 MG/L
 Connections: 58586
 Sample Collected: 01/02/2007
 Chemical: NITRATE (AS NO3)
 Findings: 22 MG/L
 Sample Collected: 01/02/2007
 Chemical: TURBIDITY, LABORATORY
 Findings: .1 NTU
 Sample Collected: 01/02/2007
 Chemical: TOTAL TRIHALOMETHANES
 Findings: 1.2 UG/L
 Sample Collected: 01/05/2007
 Chemical: TOTAL DISSOLVED SOLIDS
 Findings: 408 MG/L
 Sample Collected: 01/09/2007
 Chemical: GROSS ALPHA
 Findings: 4.6 PC/L
 Sample Collected: 01/09/2007
 Chemical: GROSS ALPHA COUNTING ERROR
 Findings: 2.3 PC/L
 Sample Collected: 01/09/2007
 Chemical: URANIUM (UG/L)
 Findings: 13 UG/L
 Sample Collected: 01/09/2007
 Chemical: URANIUM (PC/L)
 Findings: 8.7 PC/L
 Sample Collected: 01/09/2007
 Chemical: TOTAL DISSOLVED SOLIDS
 Findings: Q.170 MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: 01/09/2007
 Chemical: NITRATE (AS NO3)
 Findings: 24 MG/L
 Sample Collected: 05/29/2007
 Chemical: TOTAL DISSOLVED SOLIDS
 Findings: 396 MG/L
 Sample Collected: 05/29/2007
 Chemical: NITRATE (AS NO3)
 Findings: 25 MG/L
 Sample Collected: 05/29/2007
 Chemical: TURBIDITY, LABORATORY
 Findings: .6 NTU
 Sample Collected: 05/29/2007
 Chemical: TOTAL TRIHALOMETHANES
 Findings: 1.4 UG/L
 Sample Collected: 05/29/2007
 Chemical: GROSS ALPHA MDA85
 Findings: 2 PC/L
 Sample Collected: 06/01/2007
 Chemical: TOTAL DISSOLVED SOLIDS
 Findings: 384 MG/L
 Sample Collected: 06/01/2007
 Chemical: TOTAL TRIHALOMETHANES
 Findings: 1.6 UG/L
 Sample Collected: 06/05/2007
 Chemical: SPECIFIC CONDUCTANCE
 Findings: 558 US
 Sample Collected: 06/05/2007
 Chemical: PH, LABORATORY
 Findings: 7.7
 Sample Collected: 06/05/2007
 Chemical: ALKALINITY (TOTAL) AS CaCO3
 Findings: 171 MG/L
 Sample Collected: 06/05/2007
 Chemical: BICARBONATE ALKALINITY
 Findings: 210 MG/L
 Sample Collected: 06/05/2007
 Chemical: HARDNESS (TOTAL) AS CaCO3
 Findings: 220 MG/L
 Sample Collected: 06/05/2007
 Chemical: CALCIUM
 Findings: 69 MG/L
 Sample Collected: 06/05/2007
 Chemical: MAGNESIUM
 Findings: 11 MG/L
 Sample Collected: 06/05/2007
 Chemical: SODIUM
 Findings: 43 MG/L
 Sample Collected: 06/05/2007
 Chemical: POTASSIUM
 Findings: 3 MG/L
 Sample Collected: 06/05/2007
 Chemical: CHLORIDE
 Findings: 29 MG/L
 Sample Collected: 06/05/2007
 Chemical: FLUORIDE (F) (NATURAL-SOURCE)
 Findings: .6 MG/L
 Sample Collected: 06/05/2007
 Chemical: BORON
 Findings: 110 UG/L
 Sample Collected: 06/05/2007
 Chemical: VANADIUM
 Findings: 6.7 UG/L
 Sample Collected: 06/05/2007
 Chemical: GROSS ALPHA
 Findings: 9 PC/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	06/05/2007 GROSS ALPHA COUNTING ERROR	Findings:	3.1 PCI/L
Sample Collected: Chemical:	06/05/2007 URANIUM (UG/L)	Findings:	17 UG/L
Sample Collected: Chemical:	06/05/2007 URANIUM (PCI/L)	Findings:	11 PCI/L
Sample Collected: Chemical:	10/16/2007 TOTAL DISSOLVED SOLIDS	Findings:	372 MG/L
Sample Collected: Chemical:	10/16/2007 NITRATE (AS NO3)	Findings:	24 MG/L
Sample Collected: Chemical:	10/16/2007 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	10/16/2007 TOTAL TRIHALOMETHANES	Findings:	1.2 UG/L
Sample Collected: Chemical:	10/16/2007 GROSS ALPHA MDA95	Findings:	3 PCI/L
Sample Collected: Chemical:	10/19/2007 TOTAL DISSOLVED SOLIDS	Findings:	362 MG/L
Sample Collected: Chemical:	10/23/2007 GROSS ALPHA	Findings:	5.9 PCI/L
Sample Collected: Chemical:	10/23/2007 GROSS ALPHA COUNTING ERROR	Findings:	2.6 PCI/L
Sample Collected: Chemical:	10/23/2007 URANIUM (UG/L)	Findings:	15 UG/L
Sample Collected: Chemical:	10/23/2007 URANIUM (PCI/L)	Findings:	10 PCI/L
Sample Collected: Chemical:	10/23/2007 TOTAL DISSOLVED SOLIDS	Findings:	370 MG/L
Sample Collected: Chemical:	10/23/2007 NITRATE (AS NO3)	Findings:	24 MG/L
Sample Collected: Chemical:	03/18/2008 TURBIDITY, LABORATORY	Findings:	.2 NTU
Sample Collected: Chemical:	03/18/2008 GROSS ALPHA MDA95	Findings:	2 PCI/L
Sample Collected: Chemical:	03/21/2008 TOTAL DISSOLVED SOLIDS	Findings:	344 MG/L
Sample Collected: Chemical:	03/25/2008 GROSS ALPHA	Findings:	7.4 PCI/L
Sample Collected: Chemical:	03/25/2008 GROSS ALPHA COUNTING ERROR	Findings:	2.6 PCI/L
Sample Collected: Chemical:	03/25/2008 URANIUM (UG/L)	Findings:	17 UG/L
Sample Collected: Chemical:	03/25/2008 URANIUM (PCI/L)	Findings:	11 PCI/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	03/25/2008 TOTAL DISSOLVED SOLIDS	Findings:	332 MG/L
Sample Collected: Chemical:	03/25/2008 NITRATE (AS NO3)	Findings:	22 MG/L
Sample Collected: Chemical:	03/25/2008 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	03/25/2008 GROSS ALPHA MDA95	Findings:	2 PCI/L
Sample Collected: Chemical:	03/26/2008 SPECIFIC CONDUCTANCE	Findings:	551 US
Sample Collected: Chemical:	09/30/2008 TOTAL DISSOLVED SOLIDS	Findings:	404 MG/L
Sample Collected: Chemical:	09/30/2008 NITRATE (AS NO3)	Findings:	24 MG/L
Sample Collected: Chemical:	09/30/2008 TURBIDITY, LABORATORY	Findings:	.15 NTU
Sample Collected: Chemical:	09/30/2008 TOTAL TRIHALOMETHANES	Findings:	1.5 UG/L
Sample Collected: Chemical:	09/30/2008 GROSS ALPHA MDA95	Findings:	2 PCI/L
Sample Collected: Chemical:	10/03/2008 TOTAL DISSOLVED SOLIDS	Findings:	376 MG/L
Sample Collected: Chemical:	10/07/2008 CHROMIUM, HEXAVALENT	Findings:	2.1 UG/L
Sample Collected: Chemical:	10/07/2008 GROSS ALPHA	Findings:	8.7 PCI/L
Sample Collected: Chemical:	10/07/2008 GROSS ALPHA COUNTING ERROR	Findings:	3.1 PCI/L
Sample Collected: Chemical:	10/07/2008 URANIUM (UG/L)	Findings:	18 UG/L
Sample Collected: Chemical:	10/07/2008 URANIUM (PCI/L)	Findings:	12 PCI/L
Sample Collected: Chemical:	02/17/2009 DIBROMOCHLOROPROPANE (DBCP)	Findings:	.02 UG/L
Sample Collected: Chemical:	02/17/2009 TOTAL DISSOLVED SOLIDS	Findings:	446 MG/L
Sample Collected: Chemical:	02/17/2009 NITRATE (AS NO3)	Findings:	29 MG/L
Sample Collected: Chemical:	02/17/2009 TURBIDITY, LABORATORY	Findings:	.05 NTU
Sample Collected: Chemical:	02/17/2009 TOTAL TRIHALOMETHANES	Findings:	2.5 UG/L
Sample Collected: Chemical:	02/17/2009 GROSS ALPHA MDA95	Findings:	2.34 PCI/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	02/20/2009 TOTAL DISSOLVED SOLIDS	Findings:	458 MG/L
Sample Collected: Chemical:	02/24/2009 GROSS ALPHA	Findings:	17 PC/L
Sample Collected: Chemical:	02/24/2009 GROSS ALPHA COUNTING ERROR	Findings:	1.95 PC/L
Sample Collected: Chemical:	02/24/2009 URANIUM (UG/L)	Findings:	25 UG/L
Sample Collected: Chemical:	02/24/2009 URANIUM (PC/L)	Findings:	17 PC/L
Sample Collected: Chemical:	02/24/2009 BROMOFORM (THM)	Findings:	1.2 UG/L
Sample Collected: Chemical:	02/24/2009 DIBROMOCHLOROMETHANE (THM)	Findings:	1.1 UG/L
Sample Collected: Chemical:	02/24/2009 DIBROMOCHLOROPROPANE (DBCP)	Findings:	.02 UG/L
Sample Collected: Chemical:	02/24/2009 TOTAL DISSOLVED SOLIDS	Findings:	432 MG/L
Sample Collected: Chemical:	02/24/2009 NITRATE (AS NO3)	Findings:	29 MG/L
Sample Collected: Chemical:	08/18/2009 TURBIDITY, LABORATORY	Findings:	.24 NTU
Sample Collected: Chemical:	08/18/2009 TOTAL TRIHALOMETHANES	Findings:	2.3 UG/L
Sample Collected: Chemical:	08/21/2009 TOTAL DISSOLVED SOLIDS	Findings:	390 MG/L
Sample Collected: Chemical:	08/27/2009 GROSS ALPHA	Findings:	7.7 PC/L
Sample Collected: Chemical:	08/27/2009 URANIUM (UG/L)	Findings:	18 UG/L
Sample Collected: Chemical:	08/27/2009 URANIUM (PC/L)	Findings:	12 PC/L
Sample Collected: Chemical:	08/27/2009 TOTAL DISSOLVED SOLIDS	Findings:	380 MG/L
Sample Collected: Chemical:	08/27/2009 NITRATE (AS NO3)	Findings:	24 MG/L
Sample Collected: Chemical:	08/27/2009 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	08/27/2009 TOTAL TRIHALOMETHANES	Findings:	1.5 UG/L
Sample Collected: Chemical:	08/28/2009 TOTAL DISSOLVED SOLIDS	Findings:	400 MG/L
Sample Collected: Chemical:	08/31/2009 GROSS ALPHA	Findings:	9.5 PC/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	08/31/2009 URANIUM (UG/L)	Findings:	21 UG/L
Sample Collected: Chemical:	08/31/2009 URANIUM (PC/L)	Findings:	14 PC/L
Sample Collected: Chemical:	04/04/2006 DIBROMOCHLOROPROPANE (DBCP)	Findings:	.02 UG/L
Sample Collected: Chemical:	04/04/2006 TOTAL DISSOLVED SOLIDS	Findings:	412 MG/L
Sample Collected: Chemical:	04/04/2006 NITRATE (AS NO3)	Findings:	26 MG/L
Sample Collected: Chemical:	04/04/2006 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	04/04/2006 TOTAL TRIHALOMETHANES	Findings:	2 UG/L
Sample Collected: Chemical:	04/07/2006 TOTAL DISSOLVED SOLIDS	Findings:	372 MG/L
Sample Collected: Chemical:	04/11/2006 GROSS ALPHA	Findings:	8.3 PC/L
Sample Collected: Chemical:	04/11/2006 GROSS ALPHA COUNTING ERROR	Findings:	3.1 PC/L
Sample Collected: Chemical:	04/11/2006 URANIUM (UG/L)	Findings:	10 UG/L
Sample Collected: Chemical:	04/11/2006 URANIUM (PC/L)	Findings:	6.7 PC/L
Sample Collected: Chemical:	04/11/2006 DIBROMOCHLOROPROPANE (DBCP)	Findings:	.026 UG/L
Sample Collected: Chemical:	04/11/2006 TRICHLOROETHYLENE	Findings:	.6 UG/L
Sample Collected: Chemical:	04/11/2006 TOTAL DISSOLVED SOLIDS	Findings:	346 MG/L
Sample Collected: Chemical:	04/11/2006 NITRATE (AS NO3)	Findings:	23 MG/L
Sample Collected: Chemical:	08/15/2006 TOTAL DISSOLVED SOLIDS	Findings:	424 MG/L
Sample Collected: Chemical:	08/15/2006 NITRATE (AS NO3)	Findings:	23 MG/L
Sample Collected: Chemical:	08/15/2006 TURBIDITY, LABORATORY	Findings:	.15 NTU
Sample Collected: Chemical:	08/15/2006 TOTAL TRIHALOMETHANES	Findings:	1.1 UG/L
Sample Collected: Chemical:	08/18/2006 TOTAL DISSOLVED SOLIDS	Findings:	384 MG/L
Sample Collected: Chemical:	08/22/2006 GROSS ALPHA	Findings:	6.9 PC/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	08/22/2006 GROSS ALPHA COUNTING ERROR	Findings:	3 PC/L
Sample Collected: Chemical:	08/22/2006 URANIUM (UG/L)	Findings:	13 UG/L
Sample Collected: Chemical:	08/22/2006 URANIUM (PC/L)	Findings:	8.7 PC/L
Sample Collected: Chemical:	08/22/2006 TOTAL DISSOLVED SOLIDS	Findings:	362 MG/L
Sample Collected: Chemical:	08/22/2006 NITRATE (AS NO3)	Findings:	23 MG/L
Sample Collected: Chemical:	01/09/2007 TURBIDITY, LABORATORY	Findings:	.15 NTU
Sample Collected: Chemical:	01/09/2007 TOTAL TRIHALOMETHANES	Findings:	1 UG/L
Sample Collected: Chemical:	01/09/2007 PERCHLORATE	Findings:	4.4 UG/L
Sample Collected: Chemical:	01/09/2007 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	01/12/2007 TOTAL DISSOLVED SOLIDS	Findings:	386 MG/L
Sample Collected: Chemical:	01/16/2007 GROSS ALPHA	Findings:	9.1 PC/L
Sample Collected: Chemical:	01/16/2007 GROSS ALPHA COUNTING ERROR	Findings:	2.9 PC/L
Sample Collected: Chemical:	01/16/2007 URANIUM (UG/L)	Findings:	15 UG/L
Sample Collected: Chemical:	01/16/2007 URANIUM (PC/L)	Findings:	10 PC/L
Sample Collected: Chemical:	01/16/2007 TOTAL DISSOLVED SOLIDS	Findings:	390 MG/L
Sample Collected: Chemical:	01/16/2007 NITRATE (AS NO3)	Findings:	23 MG/L
Sample Collected: Chemical:	01/16/2007 TURBIDITY, LABORATORY	Findings:	.25 NTU
Sample Collected: Chemical:	01/16/2007 TOTAL TRIHALOMETHANES	Findings:	1.3 UG/L
Sample Collected: Chemical:	01/19/2007 TOTAL DISSOLVED SOLIDS	Findings:	378 MG/L
Sample Collected: Chemical:	01/23/2007 GROSS ALPHA	Findings:	3.5 PC/L
Sample Collected: Chemical:	01/23/2007 GROSS ALPHA COUNTING ERROR	Findings:	2.3 PC/L
Sample Collected: Chemical:	01/23/2007 URANIUM (UG/L)	Findings:	8.2 UG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	06/05/2007 TOTAL DISSOLVED SOLIDS	Findings:	386 MG/L
Sample Collected: Chemical:	06/05/2007 LANGELIER INDEX @ 60 C	Findings:	.4
Sample Collected: Chemical:	06/05/2007 NITRATE (AS NO3)	Findings:	25 MG/L
Sample Collected: Chemical:	06/05/2007 CARBON DIOXIDE	Findings:	6900 UG/L
Sample Collected: Chemical:	06/05/2007 TURBIDITY, LABORATORY	Findings:	.05 NTU
Sample Collected: Chemical:	06/05/2007 TOTAL TRIHALOMETHANES	Findings:	.5 UG/L
Sample Collected: Chemical:	06/05/2007 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12
Sample Collected: Chemical:	06/05/2007 NITRATE + NITRITE (AS N)	Findings:	5600 UG/L
Sample Collected: Chemical:	06/05/2007 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	06/08/2007 TOTAL DISSOLVED SOLIDS	Findings:	388 MG/L
Sample Collected: Chemical:	06/12/2007 GROSS ALPHA	Findings:	7.2 PC/L
Sample Collected: Chemical:	06/12/2007 GROSS ALPHA COUNTING ERROR	Findings:	2.8 PC/L
Sample Collected: Chemical:	06/12/2007 URANIUM (UG/L)	Findings:	14 UG/L
Sample Collected: Chemical:	06/12/2007 URANIUM (PC/L)	Findings:	9.4 PC/L
Sample Collected: Chemical:	06/12/2007 TOTAL DISSOLVED SOLIDS	Findings:	412 MG/L
Sample Collected: Chemical:	06/12/2007 NITRATE (AS NO3)	Findings:	25 MG/L
Sample Collected: Chemical:	10/23/2007 TURBIDITY, LABORATORY	Findings:	.15 NTU
Sample Collected: Chemical:	10/23/2007 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	10/26/2007 TOTAL DISSOLVED SOLIDS	Findings:	382 MG/L
Sample Collected: Chemical:	10/30/2007 GROSS ALPHA	Findings:	3.9 PC/L
Sample Collected: Chemical:	10/30/2007 GROSS ALPHA COUNTING ERROR	Findings:	2.2 PC/L
Sample Collected: Chemical:	10/30/2007 URANIUM (UG/L)	Findings:	14 UG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	10/30/2007 URANIUM (PCI/L)	Findings:	9.4 PCI/L
Sample Collected: Chemical:	10/30/2007 TOTAL DISSOLVED SOLIDS	Findings:	372 MG/L
Sample Collected: Chemical:	10/30/2007 NITRATE (AS NO3)	Findings:	23 MG/L
Sample Collected: Chemical:	10/30/2007 TURBIDITY, LABORATORY	Findings:	.15 NTU
Sample Collected: Chemical:	10/30/2007 GROSS ALPHA MDA#5	Findings:	2 PCI/L
Sample Collected: Chemical:	11/02/2007 TOTAL DISSOLVED SOLIDS	Findings:	374 MG/L
Sample Collected: Chemical:	11/06/2007 GROSS ALPHA	Findings:	5 PCI/L
Sample Collected: Chemical:	11/06/2007 GROSS ALPHA COUNTING ERROR	Findings:	2.4 PCI/L
Sample Collected: Chemical:	11/06/2007 URANIUM (UG/L)	Findings:	11 UG/L
Sample Collected: Chemical:	11/06/2007 URANIUM (PCI/L)	Findings:	7.4 PCI/L
Sample Collected: Chemical:	03/26/2008 PH, LABORATORY	Findings:	7.7
Sample Collected: Chemical:	03/26/2008 ALKALINITY (TOTAL) AS CaCO3	Findings:	156 MG/L
Sample Collected: Chemical:	03/26/2008 BICARBONATE ALKALINITY	Findings:	190 MG/L
Sample Collected: Chemical:	03/26/2008 HARDNESS (TOTAL) AS CaCO3	Findings:	190 MG/L
Sample Collected: Chemical:	03/26/2008 CALCIUM	Findings:	60 MG/L
Sample Collected: Chemical:	03/26/2008 MAGNESIUM	Findings:	9.3 MG/L
Sample Collected: Chemical:	03/26/2008 TOTAL DISSOLVED SOLIDS	Findings:	324 MG/L
Sample Collected: Chemical:	03/26/2008 LANGELIER INDEX @ 60 C	Findings:	.3
Sample Collected: Chemical:	03/26/2008 RADON 222 COUNTING ERROR	Findings:	10 PCI/L
Sample Collected: Chemical:	03/26/2008 RADON 222	Findings:	181 PCI/L
Sample Collected: Chemical:	03/26/2008 AGGRESSIVE INDEX (CORROSIVITY)	Findings:	12
Sample Collected: Chemical:	03/28/2008 TOTAL DISSOLVED SOLIDS	Findings:	350 MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	03/31/2008 SPECIFIC CONDUCTANCE	Findings:	542 US
Sample Collected: Chemical:	03/31/2008 PH, LABORATORY	Findings:	7.6
Sample Collected: Chemical:	03/31/2008 ALKALINITY (TOTAL) AS CaCO3	Findings:	155 MG/L
Sample Collected: Chemical:	03/31/2008 BICARBONATE ALKALINITY	Findings:	189 MG/L
Sample Collected: Chemical:	03/31/2008 HARDNESS (TOTAL) AS CaCO3	Findings:	160 MG/L
Sample Collected: Chemical:	03/31/2008 CALCIUM	Findings:	52 MG/L
Sample Collected: Chemical:	03/31/2008 MAGNESIUM	Findings:	7.3 MG/L
Sample Collected: Chemical:	03/31/2008 SODIUM	Findings:	34 MG/L
Sample Collected: Chemical:	03/31/2008 POTASSIUM	Findings:	2.7 MG/L
Sample Collected: Chemical:	03/31/2008 CHLORIDE	Findings:	20 MG/L
Sample Collected: Chemical:	03/31/2008 FLUORIDE (F) (NATURAL-SOURCE)	Findings:	.67 MG/L
Sample Collected: Chemical:	03/31/2008 ARSENIC	Findings:	2.1 UG/L
Sample Collected: Chemical:	03/31/2008 BORON	Findings:	110 UG/L
Sample Collected: Chemical:	03/31/2008 CHROMIUM, HEXAVALENT	Findings:	2.5 UG/L
Sample Collected: Chemical:	03/31/2008 CHROMIUM (TOTAL)	Findings:	12 UG/L
Sample Collected: Chemical:	03/31/2008 VANADIUM	Findings:	10 UG/L
Sample Collected: Chemical:	03/31/2008 TOTAL DISSOLVED SOLIDS	Findings:	330 MG/L
Sample Collected: Chemical:	03/31/2008 LANGELIER INDEX @ 60 C	Findings:	.1
Sample Collected: Chemical:	03/31/2008 NITRATE (AS NO3)	Findings:	21 MG/L
Sample Collected: Chemical:	03/31/2008 CARBON DIOXIDE	Findings:	7800 UG/L
Sample Collected: Chemical:	03/31/2008 AGGRESSIVE INDEX (CORROSIVITY)	Findings:	12
Sample Collected: Chemical:	03/31/2008 NITRATE + NITRITE (AS N)	Findings:	4700 UG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	04/01/2008 GROSS ALPHA	Findings:	7.4 PC/L
Sample Collected: Chemical:	04/01/2008 GROSS ALPHA COUNTING ERROR	Findings:	2.6 PC/L
Sample Collected: Chemical:	04/01/2008 URANIUM (UG/L)	Findings:	16 UG/L
Sample Collected: Chemical:	04/01/2008 URANIUM (PC/L)	Findings:	11 PC/L
Sample Collected: Chemical:	04/01/2008 TOTAL DISSOLVED SOLIDS	Findings:	334 MG/L
Sample Collected: Chemical:	04/01/2008 NITRATE (AS NO3)	Findings:	21 MG/L
Sample Collected: Chemical:	10/07/2008 TOTAL DISSOLVED SOLIDS	Findings:	394 MG/L
Sample Collected: Chemical:	10/07/2008 NITRATE (AS NO3)	Findings:	23 MG/L
Sample Collected: Chemical:	10/07/2008 TURBIDITY, LABORATORY	Findings:	.2 NTU
Sample Collected: Chemical:	10/07/2008 TOTAL TRIHALOMETHANES	Findings:	1.5 UG/L
Sample Collected: Chemical:	10/07/2008 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	10/10/2008 TOTAL DISSOLVED SOLIDS	Findings:	406 MG/L
Sample Collected: Chemical:	10/14/2008 GROSS ALPHA	Findings:	6.5 PC/L
Sample Collected: Chemical:	10/14/2008 GROSS ALPHA COUNTING ERROR	Findings:	2.4 PC/L
Sample Collected: Chemical:	10/14/2008 URANIUM (UG/L)	Findings:	18 UG/L
Sample Collected: Chemical:	10/14/2008 URANIUM (PC/L)	Findings:	12 PC/L
Sample Collected: Chemical:	10/14/2008 TOTAL DISSOLVED SOLIDS	Findings:	390 MG/L
Sample Collected: Chemical:	10/14/2008 NITRATE (AS NO3)	Findings:	25 MG/L
Sample Collected: Chemical:	02/24/2009 TOTAL TRIHALOMETHANES	Findings:	2.3 UG/L
Sample Collected: Chemical:	02/24/2009 GROSS ALPHA MDA95	Findings:	1.63 PC/L
Sample Collected: Chemical:	02/27/2009 TOTAL DISSOLVED SOLIDS	Findings:	402 MG/L
Sample Collected: Chemical:	03/03/2009 GROSS ALPHA	Findings:	9 PC/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	03/03/2009 GROSS ALPHA COUNTING ERROR	Findings:	2.3 PC/L
Sample Collected: Chemical:	03/03/2009 URANIUM (UG/L)	Findings:	17 UG/L
Sample Collected: Chemical:	03/03/2009 URANIUM (PC/L)	Findings:	11 PC/L
Sample Collected: Chemical:	03/03/2009 TOTAL DISSOLVED SOLIDS	Findings:	444 MG/L
Sample Collected: Chemical:	03/03/2009 NITRATE (AS NO3)	Findings:	24 MG/L
Sample Collected: Chemical:	03/03/2009 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	03/03/2009 TOTAL TRIHALOMETHANES	Findings:	1.7 UG/L
Sample Collected: Chemical:	08/31/2009 TOTAL DISSOLVED SOLIDS	Findings:	370 MG/L
Sample Collected: Chemical:	08/31/2009 NITRATE (AS NO3)	Findings:	24 MG/L
Sample Collected: Chemical:	08/31/2009 TURBIDITY, LABORATORY	Findings:	.35 NTU
Sample Collected: Chemical:	08/31/2009 TOTAL TRIHALOMETHANES	Findings:	1.3 UG/L
Sample Collected: Chemical:	09/04/2009 TOTAL DISSOLVED SOLIDS	Findings:	380 MG/L
Sample Collected: Chemical:	09/09/2009 GROSS ALPHA	Findings:	5.5 PC/L
Sample Collected: Chemical:	09/09/2009 URANIUM (UG/L)	Findings:	16 UG/L
Sample Collected: Chemical:	09/09/2009 URANIUM (PC/L)	Findings:	11 PC/L
Sample Collected: Chemical:	04/11/2006 TURBIDITY, LABORATORY	Findings:	25 NTU
Sample Collected: Chemical:	04/11/2006 TOTAL TRIHALOMETHANES	Findings:	1.4 UG/L
Sample Collected: Chemical:	04/14/2006 TOTAL DISSOLVED SOLIDS	Findings:	374 MG/L
Sample Collected: Chemical:	04/18/2006 GROSS ALPHA	Findings:	9.1 PC/L
Sample Collected: Chemical:	04/18/2006 GROSS ALPHA COUNTING ERROR	Findings:	2.8 PC/L
Sample Collected: Chemical:	04/18/2006 URANIUM (UG/L)	Findings:	12 UG/L
Sample Collected: Chemical:	04/18/2006 URANIUM (PC/L)	Findings:	8 PC/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	04/18/2006 DIBROMOCHLOROPROPANE (DBCP)	Findings:	028 UG/L
Sample Collected: Chemical:	04/19/2006 TOTAL DISSOLVED SOLIDS	Findings:	368 MG/L
Sample Collected: Chemical:	04/18/2006 NITRATE (AS NO3)	Findings:	26 MG/L
Sample Collected: Chemical:	04/19/2006 TURBIDITY, LABORATORY	Findings:	.3 NTU
Sample Collected: Chemical:	04/18/2006 TOTAL TRIHALOMETHANES	Findings:	.9 UG/L
Sample Collected: Chemical:	04/21/2006 TOTAL DISSOLVED SOLIDS	Findings:	352 MG/L
Sample Collected: Chemical:	08/23/2006 TURBIDITY, LABORATORY	Findings:	.2 NTU
Sample Collected: Chemical:	08/25/2006 TOTAL DISSOLVED SOLIDS	Findings:	380 MG/L
Sample Collected: Chemical:	08/29/2006 GROSS ALPHA	Findings:	6.6 PC/L
Sample Collected: Chemical:	08/29/2006 GROSS ALPHA COUNTING ERROR	Findings:	3 PC/L
Sample Collected: Chemical:	08/29/2006 URANIUM (UG/L)	Findings:	14 UG/L
Sample Collected: Chemical:	08/29/2006 URANIUM (PC/L)	Findings:	9.4 PC/L
Sample Collected: Chemical:	08/29/2006 TOTAL DISSOLVED SOLIDS	Findings:	370 MG/L
Sample Collected: Chemical:	08/29/2006 NITRATE (AS NO3)	Findings:	22 MG/L
Sample Collected: Chemical:	08/29/2006 TURBIDITY, LABORATORY	Findings:	.15 NTU
Sample Collected: Chemical:	08/29/2006 TOTAL TRIHALOMETHANES	Findings:	.7 UG/L
Sample Collected: Chemical:	09/01/2006 TOTAL DISSOLVED SOLIDS	Findings:	398 MG/L
Sample Collected: Chemical:	01/23/2007 URANIUM (PC/L)	Findings:	5.5 PC/L
Sample Collected: Chemical:	01/23/2007 TOTAL DISSOLVED SOLIDS	Findings:	346 MG/L
Sample Collected: Chemical:	01/23/2007 NITRATE (AS NO3)	Findings:	24 MG/L
Sample Collected: Chemical:	01/23/2007 TURBIDITY, LABORATORY	Findings:	.2 NTU
Sample Collected: Chemical:	01/23/2007 TOTAL TRIHALOMETHANES	Findings:	1.3 UG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	01/26/2007 TOTAL DISSOLVED SOLIDS	Findings:	324 MG/L
Sample Collected: Chemical:	01/30/2007 GROSS ALPHA	Findings:	3.3 PC/L
Sample Collected: Chemical:	01/30/2007 GROSS ALPHA COUNTING ERROR	Findings:	2.1 PC/L
Sample Collected: Chemical:	01/30/2007 URANIUM (UG/L)	Findings:	11 UG/L
Sample Collected: Chemical:	01/30/2007 URANIUM (PC/L)	Findings:	7.4 PC/L
Sample Collected: Chemical:	06/12/2007 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	06/12/2007 GROSS ALPHA MDA85	Findings:	2 PC/L
Sample Collected: Chemical:	06/15/2007 TOTAL DISSOLVED SOLIDS	Findings:	402 MG/L
Sample Collected: Chemical:	06/19/2007 GROSS ALPHA	Findings:	12 PC/L
Sample Collected: Chemical:	06/19/2007 GROSS ALPHA COUNTING ERROR	Findings:	3.5 PC/L
Sample Collected: Chemical:	06/19/2007 URANIUM (UG/L)	Findings:	16 UG/L
Sample Collected: Chemical:	06/19/2007 URANIUM (PC/L)	Findings:	11 PC/L
Sample Collected: Chemical:	06/19/2007 TOTAL DISSOLVED SOLIDS	Findings:	384 MG/L
Sample Collected: Chemical:	06/19/2007 NITRATE (AS NO3)	Findings:	24 MG/L
Sample Collected: Chemical:	06/19/2007 TURBIDITY, LABORATORY	Findings:	.15 NTU
Sample Collected: Chemical:	06/19/2007 TOTAL TRIHALOMETHANES	Findings:	.6 UG/L
Sample Collected: Chemical:	06/19/2007 GROSS ALPHA MDA85	Findings:	2 PC/L
Sample Collected: Chemical:	06/19/2007 SPECIFIC CONDUCTANCE	Findings:	602 US
Sample Collected: Chemical:	06/19/2007 PH, LABORATORY	Findings:	7.8
Sample Collected: Chemical:	11/06/2007 TOTAL DISSOLVED SOLIDS	Findings:	1220 MG/L
Sample Collected: Chemical:	11/06/2007 NITRATE (AS NO3)	Findings:	22 MG/L
Sample Collected: Chemical:	11/06/2007 TURBIDITY, LABORATORY	Findings:	.1 NTU

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	11/06/2007 TOTAL TRIHALOMETHANES	Findings:	1.2 UG/L
Sample Collected: Chemical:	11/06/2007 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	11/09/2007 TOTAL DISSOLVED SOLIDS	Findings:	332 MG/L
Sample Collected: Chemical:	11/13/2007 GROSS ALPHA	Findings:	6.6 PC/L
Sample Collected: Chemical:	11/13/2007 GROSS ALPHA COUNTING ERROR	Findings:	2.4 PC/L
Sample Collected: Chemical:	11/13/2007 URANIUM (UG/L)	Findings:	14 UG/L
Sample Collected: Chemical:	11/13/2007 URANIUM (PC/L)	Findings:	9.4 PC/L
Sample Collected: Chemical:	11/13/2007 TOTAL DISSOLVED SOLIDS	Findings:	380 MG/L
Sample Collected: Chemical:	11/13/2007 NITRATE (AS NO3)	Findings:	22 MG/L
Sample Collected: Chemical:	04/01/2008 TURBIDITY, LABORATORY	Findings:	:15 NTU
Sample Collected: Chemical:	04/01/2008 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	04/04/2008 TOTAL DISSOLVED SOLIDS	Findings:	414 MG/L
Sample Collected: Chemical:	04/08/2008 GROSS ALPHA	Findings:	7.2 PC/L
Sample Collected: Chemical:	04/08/2008 GROSS ALPHA COUNTING ERROR	Findings:	2.6 PC/L
Sample Collected: Chemical:	04/08/2008 URANIUM (UG/L)	Findings:	15 UG/L
Sample Collected: Chemical:	04/08/2008 URANIUM (PC/L)	Findings:	10 PC/L
Sample Collected: Chemical:	04/08/2008 TOTAL DISSOLVED SOLIDS	Findings:	342 MG/L
Sample Collected: Chemical:	04/09/2008 NITRATE (AS NO3)	Findings:	22 MG/L
Sample Collected: Chemical:	04/08/2008 TURBIDITY, LABORATORY	Findings:	:15 NTU
Sample Collected: Chemical:	04/09/2008 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	04/10/2008 SPECIFIC CONDUCTANCE	Findings:	572 US
Sample Collected: Chemical:	04/10/2008 PH, LABORATORY	Findings:	7.7

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	04/10/2008 ALKALINITY (TOTAL) AS CaCO3	Findings:	157 MG/L
Sample Collected: Chemical:	04/10/2008 BICARBONATE ALKALINITY	Findings:	191 MG/L
Sample Collected: Chemical:	10/14/2008 TURBIDITY, LABORATORY	Findings:	:15 NTU
Sample Collected: Chemical:	10/14/2008 TOTAL TRIHALOMETHANES	Findings:	1.2 UG/L
Sample Collected: Chemical:	10/14/2008 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	10/17/2008 TOTAL DISSOLVED SOLIDS	Findings:	384 MG/L
Sample Collected: Chemical:	10/22/2008 GROSS ALPHA	Findings:	8.5 PC/L
Sample Collected: Chemical:	10/22/2008 GROSS ALPHA COUNTING ERROR	Findings:	2.7 PC/L
Sample Collected: Chemical:	10/22/2008 URANIUM (UG/L)	Findings:	17 UG/L
Sample Collected: Chemical:	10/22/2008 URANIUM (PC/L)	Findings:	11 PC/L
Sample Collected: Chemical:	10/22/2008 TOTAL DISSOLVED SOLIDS	Findings:	370 MG/L
Sample Collected: Chemical:	10/22/2008 NITRATE (AS NO3)	Findings:	23 MG/L
Sample Collected: Chemical:	10/22/2008 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	10/22/2008 TOTAL TRIHALOMETHANES	Findings:	2 UG/L
Sample Collected: Chemical:	10/22/2008 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	10/24/2008 TOTAL DISSOLVED SOLIDS	Findings:	394 MG/L
Sample Collected: Chemical:	10/28/2008 GROSS ALPHA	Findings:	8.4 PC/L
Sample Collected: Chemical:	10/28/2008 GROSS ALPHA COUNTING ERROR	Findings:	2.6 PC/L
Sample Collected: Chemical:	10/28/2008 URANIUM (UG/L)	Findings:	18 UG/L
Sample Collected: Chemical:	10/28/2008 URANIUM (PC/L)	Findings:	12 PC/L
Sample Collected: Chemical:	03/03/2009 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	03/06/2009 TOTAL DISSOLVED SOLIDS	Findings:	398 MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	03/10/2009 SPECIFIC CONDUCTANCE	624 US	Findings:
Sample Collected: Chemical:	03/10/2009 PH LABORATORY	7.7	Findings:
Sample Collected: Chemical:	03/10/2009 ALKALINITY (TOTAL) AS CaCO3	184 MG/L	Findings:
Sample Collected: Chemical:	03/10/2009 HARDNESS (TOTAL) AS CaCO3	223 MG/L	Findings:
Sample Collected: Chemical:	03/10/2009 CALCIUM	71 MG/L	Findings:
Sample Collected: Chemical:	03/10/2009 MAGNESIUM	11 MG/L	Findings:
Sample Collected: Chemical:	03/10/2009 GROSS ALPHA	11 PCI/L	Findings:
Sample Collected: Chemical:	03/10/2009 GROSS ALPHA COUNTING ERROR	2.6 PCI/L	Findings:
Sample Collected: Chemical:	03/10/2009 URANIUM (UG/L)	14 UG/L	Findings:
Sample Collected: Chemical:	03/10/2009 URANIUM (PCI/L)	9.4 PCI/L	Findings:
Sample Collected: Chemical:	03/10/2009 DIBROMOCHLOROPROPANE (DBCP)	.02 UG/L	Findings:
Sample Collected: Chemical:	03/10/2009 TOTAL DISSOLVED SOLIDS	402 MG/L	Findings:
Sample Collected: Chemical:	03/10/2009 NITRATE (AS NO3)	26 MG/L	Findings:
Sample Collected: Chemical:	03/10/2009 TURBIDITY, LABORATORY	.05 NTU	Findings:
Sample Collected: Chemical:	03/10/2009 TOTAL TRIHALOMETHANES	1.7 UG/L	Findings:
Sample Collected: Chemical:	03/10/2009 GROSS ALPHA MDA#5	2 PCI/L	Findings:
Sample Collected: Chemical:	03/12/2009 TOTAL DISSOLVED SOLIDS	384 MG/L	Findings:
Sample Collected: Chemical:	03/17/2009 GROSS ALPHA	6.25 PCI/L	Findings:
Sample Collected: Chemical:	03/17/2009 GROSS ALPHA COUNTING ERROR	1.76 PCI/L	Findings:
Sample Collected: Chemical:	03/17/2009 URANIUM (UG/L)	12 UG/L	Findings:
Sample Collected: Chemical:	03/17/2009 URANIUM (PCI/L)	8 PCI/L	Findings:
Sample Collected: Chemical:	03/17/2009 BROMODICHLOROMETHANE (THM)	1.2 UG/L	Findings:

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	03/17/2009 BROMOFORM (THM)	1.1 UG/L	Findings:
Sample Collected: Chemical:	03/17/2009 DIBROMOCHLOROMETHANE (THM)	1.9 UG/L	Findings:
Sample Collected: Chemical:	09/09/2009 TOTAL DISSOLVED SOLIDS	380 MG/L	Findings:
Sample Collected: Chemical:	09/09/2009 NITRATE (AS NO3)	23 MGL	Findings:
Sample Collected: Chemical:	09/09/2009 TURBIDITY, LABORATORY	.11 NTU	Findings:
Sample Collected: Chemical:	09/09/2009 TOTAL TRIHALOMETHANES	1.3 UG/L	Findings:
Sample Collected: Chemical:	09/11/2009 TOTAL DISSOLVED SOLIDS	380 MG/L	Findings:
Sample Collected: Chemical:	09/16/2009 GROSS ALPHA	4.4 PCI/L	Findings:
Sample Collected: Chemical:	09/16/2009 URANIUM (UG/L)	14 UG/L	Findings:
Sample Collected: Chemical:	09/16/2009 URANIUM (PCI/L)	9.3 PCI/L	Findings:
Sample Collected: Chemical:	09/16/2009 TOTAL DISSOLVED SOLIDS	380 MG/L	Findings:
Sample Collected: Chemical:	09/16/2009 NITRATE (AS NO3)	23 MGL	Findings:
Sample Collected: Chemical:	04/25/2006 GROSS ALPHA	6.3 PCI/L	Findings:
Sample Collected: Chemical:	04/25/2006 GROSS ALPHA COUNTING ERROR	2.6 PCI/L	Findings:
Sample Collected: Chemical:	04/25/2006 URANIUM (UG/L)	11 UG/L	Findings:
Sample Collected: Chemical:	04/25/2006 URANIUM (PCI/L)	7.4 PCI/L	Findings:
Sample Collected: Chemical:	04/25/2006 TOTAL DISSOLVED SOLIDS	356 MG/L	Findings:
Sample Collected: Chemical:	04/25/2006 NITRATE (AS NO3)	24 MGL	Findings:
Sample Collected: Chemical:	04/25/2006 TURBIDITY, LABORATORY	.1 NTU	Findings:
Sample Collected: Chemical:	04/25/2006 TOTAL TRIHALOMETHANES	1 UG/L	Findings:
Sample Collected: Chemical:	04/28/2006 TOTAL DISSOLVED SOLIDS	360 MG/L	Findings:
Sample Collected: Chemical:	05/02/2006 GROSS ALPHA	6.3 PCI/L	Findings:

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	05/02/2006 GROSS ALPHA COUNTING ERROR	Findings:	2.5 PC/L
Sample Collected: Chemical:	05/02/2006 URANIUM (UG/L)	Findings:	12 UG/L
Sample Collected: Chemical:	05/02/2006 URANIUM (PC/L)	Findings:	8 PC/L
Sample Collected: Chemical:	05/02/2006 BROMOFORM (THM)	Findings:	1.1 UG/L
Sample Collected: Chemical:	09/01/2006 TOTAL TRIHALOMETHANES	Findings:	1.6 UG/L
Sample Collected: Chemical:	09/05/2006 GROSS ALPHA	Findings:	6.7 PC/L
Sample Collected: Chemical:	09/05/2006 GROSS ALPHA COUNTING ERROR	Findings:	3 PC/L
Sample Collected: Chemical:	09/05/2006 URANIUM (UG/L)	Findings:	16 UG/L
Sample Collected: Chemical:	09/05/2006 URANIUM (PC/L)	Findings:	11 PC/L
Sample Collected: Chemical:	09/05/2006 TOTAL DISSOLVED SOLIDS	Findings:	376 MG/L
Sample Collected: Chemical:	09/05/2006 NITRATE (AS NO3)	Findings:	25 MG/L
Sample Collected: Chemical:	09/05/2006 TURBIDITY, LABORATORY	Findings:	.2 NTU
Sample Collected: Chemical:	09/05/2006 TOTAL TRIHALOMETHANES	Findings:	.6 UG/L
Sample Collected: Chemical:	09/08/2006 TOTAL DISSOLVED SOLIDS	Findings:	398 MG/L
Sample Collected: Chemical:	09/12/2006 GROSS ALPHA	Findings:	8.7 PC/L
Sample Collected: Chemical:	09/12/2006 GROSS ALPHA COUNTING ERROR	Findings:	2.8 PC/L
Sample Collected: Chemical:	09/12/2006 URANIUM (UG/L)	Findings:	14 UG/L
Sample Collected: Chemical:	09/12/2006 URANIUM (PC/L)	Findings:	9.4 PC/L
Sample Collected: Chemical:	01/30/2007 TOTAL DISSOLVED SOLIDS	Findings:	470 MG/L
Sample Collected: Chemical:	01/30/2007 NITRATE (AS NO3)	Findings:	21 MG/L
Sample Collected: Chemical:	01/30/2007 TURBIDITY, LABORATORY	Findings:	.05 NTU
Sample Collected: Chemical:	01/30/2007 TOTAL TRIHALOMETHANES	Findings:	1.3 UG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	02/02/2007 TOTAL DISSOLVED SOLIDS	Findings:	342 MG/L
Sample Collected: Chemical:	02/06/2007 RADIUM 226 COUNTING ERROR	Findings:	.35 PC/L
Sample Collected: Chemical:	02/06/2007 RADIUM 228 COUNTING ERROR	Findings:	.361 PC/L
Sample Collected: Chemical:	02/06/2007 GROSS ALPHA	Findings:	6 PC/L
Sample Collected: Chemical:	02/06/2007 GROSS ALPHA COUNTING ERROR	Findings:	2.9 PC/L
Sample Collected: Chemical:	02/06/2007 URANIUM (UG/L)	Findings:	12 UG/L
Sample Collected: Chemical:	02/06/2007 URANIUM (PC/L)	Findings:	8 PC/L
Sample Collected: Chemical:	02/06/2007 TOTAL DISSOLVED SOLIDS	Findings:	376 MG/L
Sample Collected: Chemical:	02/06/2007 NITRATE (AS NO3)	Findings:	21 MG/L
Sample Collected: Chemical:	02/06/2007 TURBIDITY, LABORATORY	Findings:	.05 NTU
Sample Collected: Chemical:	02/06/2007 TOTAL TRIHALOMETHANES	Findings:	.7 UG/L
Sample Collected: Chemical:	06/19/2007 ALKALINITY (TOTAL) AS CaCO3	Findings:	175 MG/L
Sample Collected: Chemical:	06/19/2007 BICARBONATE ALKALINITY	Findings:	210 MG/L
Sample Collected: Chemical:	06/19/2007 HARDNESS (TOTAL) AS CaCO3	Findings:	220 MG/L
Sample Collected: Chemical:	06/19/2007 CALCIUM	Findings:	70 MG/L
Sample Collected: Chemical:	06/19/2007 MAGNESIUM	Findings:	11 MG/L
Sample Collected: Chemical:	06/19/2007 TOTAL DISSOLVED SOLIDS	Findings:	390 MG/L
Sample Collected: Chemical:	06/19/2007 LANGELIER INDEX @ 60 C	Findings:	.5
Sample Collected: Chemical:	06/19/2007 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12
Sample Collected: Chemical:	06/22/2007 TOTAL DISSOLVED SOLIDS	Findings:	374 MG/L
Sample Collected: Chemical:	06/26/2007 GROSS ALPHA	Findings:	8 PC/L
Sample Collected: Chemical:	06/26/2007 GROSS ALPHA COUNTING ERROR	Findings:	2.9 PC/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	06/26/2007 URANIUM (UG/L)	Findings:	16 UG/L
Sample Collected: Chemical:	06/26/2007 URANIUM (PC/L)	Findings:	11 PC/L
Sample Collected: Chemical:	06/26/2007 TOTAL DISSOLVED SOLIDS	Findings:	378 MG/L
Sample Collected: Chemical:	06/26/2007 NITRATE (AS NO3)	Findings:	24 MG/L
Sample Collected: Chemical:	06/26/2007 TURBIDITY, LABORATORY	Findings:	.15 NTU
Sample Collected: Chemical:	06/26/2007 TOTAL TRIHALOMETHANES	Findings:	1.2 UG/L
Sample Collected: Chemical:	06/26/2007 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	06/26/2007 RADON 222 COUNTING ERROR	Findings:	21 PC/L
Sample Collected: Chemical:	06/26/2007 RADON 222	Findings:	548 PC/L
Sample Collected: Chemical:	06/26/2007 TOTAL DISSOLVED SOLIDS	Findings:	374 MG/L
Sample Collected: Chemical:	07/03/2007 GROSS ALPHA	Findings:	6.9 PC/L
Sample Collected: Chemical:	07/03/2007 GROSS ALPHA COUNTING ERROR	Findings:	2.9 PC/L
Sample Collected: Chemical:	07/03/2007 URANIUM (UG/L)	Findings:	16 UG/L
Sample Collected: Chemical:	07/03/2007 URANIUM (PC/L)	Findings:	11 PC/L
Sample Collected: Chemical:	11/13/2007 TURBIDITY, LABORATORY	Findings:	.15 NTU
Sample Collected: Chemical:	11/13/2007 TOTAL TRIHALOMETHANES	Findings:	1.1 UG/L
Sample Collected: Chemical:	11/13/2007 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	11/16/2007 TOTAL DISSOLVED SOLIDS	Findings:	370 MG/L
Sample Collected: Chemical:	11/20/2007 GROSS ALPHA	Findings:	3.5 PC/L
Sample Collected: Chemical:	11/20/2007 GROSS ALPHA COUNTING ERROR	Findings:	2.1 PC/L
Sample Collected: Chemical:	11/20/2007 URANIUM (UG/L)	Findings:	14 UG/L
Sample Collected: Chemical:	11/20/2007 URANIUM (PC/L)	Findings:	9.4 PC/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	11/20/2007 TOTAL DISSOLVED SOLIDS	Findings:	332 MG/L
Sample Collected: Chemical:	11/20/2007 NITRATE (AS NO3)	Findings:	22 MG/L
Sample Collected: Chemical:	11/20/2007 TURBIDITY, LABORATORY	Findings:	.15 NTU
Sample Collected: Chemical:	11/20/2007 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	04/10/2008 HARDNESS (TOTAL) AS CaCO3	Findings:	195 MG/L
Sample Collected: Chemical:	04/10/2008 CALCIUM	Findings:	62 MG/L
Sample Collected: Chemical:	04/10/2008 MAGNESIUM	Findings:	9.7 MG/L
Sample Collected: Chemical:	04/10/2008 SODIUM	Findings:	37 MG/L
Sample Collected: Chemical:	04/10/2008 POTASSIUM	Findings:	2.8 MG/L
Sample Collected: Chemical:	04/10/2008 CHLORIDE	Findings:	24 MG/L
Sample Collected: Chemical:	04/10/2008 FLUORIDE (F) (NATURAL-SOURCE)	Findings:	.62 MG/L
Sample Collected: Chemical:	04/10/2008 BORON	Findings:	120 UG/L
Sample Collected: Chemical:	04/10/2008 CHROMIUM, HEXAVALENT	Findings:	2.3 UG/L
Sample Collected: Chemical:	04/10/2008 VANADIUM	Findings:	5.9 UG/L
Sample Collected: Chemical:	04/10/2008 GROSS ALPHA	Findings:	4 PC/L
Sample Collected: Chemical:	04/10/2008 GROSS ALPHA COUNTING ERROR	Findings:	2.3 PC/L
Sample Collected: Chemical:	04/10/2008 TOTAL DISSOLVED SOLIDS	Findings:	336 MG/L
Sample Collected: Chemical:	04/10/2008 LANGELIER INDEX @ 60 C	Findings:	.3
Sample Collected: Chemical:	04/10/2008 NITRATE (AS NO3)	Findings:	22 MG/L
Sample Collected: Chemical:	04/10/2008 CARBON DIOXIDE	Findings:	6200 UG/L
Sample Collected: Chemical:	04/10/2008 AGGRSSIVE INDEX (CORROSIIVITY)	Findings:	12
Sample Collected: Chemical:	04/10/2008 NITRATE + NITRITE (AS N)	Findings:	4900 UG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	04/10/2008 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	04/11/2008 TOTAL DISSOLVED SOLIDS	Findings:	356 MG/L
Sample Collected: Chemical:	04/15/2008 GROSS ALPHA COUNTING ERROR	Findings:	1.6 PC/L
Sample Collected: Chemical:	04/15/2008 URANIUM (UG/L)	Findings:	13 UG/L
Sample Collected: Chemical:	04/15/2008 URANIUM (PC/L)	Findings:	8.7 PC/L
Sample Collected: Chemical:	04/15/2008 TOTAL DISSOLVED SOLIDS	Findings:	328 MG/L
Sample Collected: Chemical:	04/15/2008 NITRATE (AS NO3)	Findings:	20 MG/L
Sample Collected: Chemical:	10/28/2008 TOTAL DISSOLVED SOLIDS	Findings:	420 MG/L
Sample Collected: Chemical:	10/28/2008 NITRATE (AS NO3)	Findings:	26 MG/L
Sample Collected: Chemical:	10/28/2008 TURBIDITY, LABORATORY	Findings:	:15 NTU
Sample Collected: Chemical:	10/28/2008 TOTAL TRIHALOMETHANES	Findings:	1.5 UG/L
Sample Collected: Chemical:	10/28/2008 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	10/31/2008 TOTAL DISSOLVED SOLIDS	Findings:	394 MG/L
Sample Collected: Chemical:	11/04/2008 ODOR THRESHOLD @ 60 C	Findings:	2 TON
Sample Collected: Chemical:	11/04/2008 GROSS ALPHA	Findings:	11 PC/L
Sample Collected: Chemical:	11/04/2008 GROSS ALPHA COUNTING ERROR	Findings:	2.9 PC/L
Sample Collected: Chemical:	11/04/2008 URANIUM (UG/L)	Findings:	19 UG/L
Sample Collected: Chemical:	11/04/2008 URANIUM (PC/L)	Findings:	13 PC/L
Sample Collected: Chemical:	03/17/2009 TOTAL DISSOLVED SOLIDS	Findings:	380 MG/L
Sample Collected: Chemical:	03/17/2009 NITRATE (AS NO3)	Findings:	23 MG/L
Sample Collected: Chemical:	03/17/2009 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	03/17/2009 TOTAL TRIHALOMETHANES	Findings:	4.8 UG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	03/20/2009 TOTAL DISSOLVED SOLIDS	Findings:	358 MG/L
Sample Collected: Chemical:	03/24/2009 GROSS ALPHA	Findings:	7.5 PC/L
Sample Collected: Chemical:	03/24/2009 GROSS ALPHA COUNTING ERROR	Findings:	1.74 PC/L
Sample Collected: Chemical:	03/24/2009 URANIUM (UG/L)	Findings:	12 UG/L
Sample Collected: Chemical:	03/24/2009 URANIUM (PC/L)	Findings:	8 PC/L
Sample Collected: Chemical:	03/24/2009 BROMODICHLORMETHANE (THM)	Findings:	2 UG/L
Sample Collected: Chemical:	03/24/2009 DIBROMOCHLOROMETHANE (THM)	Findings:	2 UG/L
Sample Collected: Chemical:	03/24/2009 CHLOROFORM (THM)	Findings:	1.3 UG/L
Sample Collected: Chemical:	09/16/2009 TURBIDITY, LABORATORY	Findings:	.31 NTU
Sample Collected: Chemical:	09/16/2009 TOTAL TRIHALOMETHANES	Findings:	1.3 UG/L
Sample Collected: Chemical:	09/18/2009 TOTAL DISSOLVED SOLIDS	Findings:	360 MG/L
Sample Collected: Chemical:	09/23/2009 GROSS ALPHA	Findings:	4.7 PC/L
Sample Collected: Chemical:	09/23/2009 URANIUM (UG/L)	Findings:	14 UG/L
Sample Collected: Chemical:	09/23/2009 URANIUM (PC/L)	Findings:	9.4 PC/L
Sample Collected: Chemical:	09/23/2009 TOTAL DISSOLVED SOLIDS	Findings:	390 MG/L
Sample Collected: Chemical:	09/23/2009 NITRATE (AS NO3)	Findings:	24 MG/L
Sample Collected: Chemical:	09/23/2009 TURBIDITY, LABORATORY	Findings:	.13 NTU
Sample Collected: Chemical:	09/23/2009 TOTAL TRIHALOMETHANES	Findings:	1.2 UG/L
Sample Collected: Chemical:	09/25/2009 TOTAL DISSOLVED SOLIDS	Findings:	370 MG/L
Sample Collected: Chemical:	09/29/2009 GROSS ALPHA	Findings:	5.9 PC/L
Sample Collected: Chemical:	09/29/2009 URANIUM (UG/L)	Findings:	16 UG/L
Sample Collected: Chemical:	09/29/2009 URANIUM (PC/L)	Findings:	11 PC/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	05/02/2006 DIBROMOCHLOROPROPANE (DBCP)	Findings:	.013 UG/L
Sample Collected: Chemical:	05/02/2006 TOTAL DISSOLVED SOLIDS	Findings:	372 MG/L
Sample Collected: Chemical:	05/02/2006 NITRATE (AS NO3)	Findings:	24 MG/L
Sample Collected: Chemical:	05/02/2006 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	05/02/2006 TOTAL TRIHALOMETHANES	Findings:	1.7 UG/L
Sample Collected: Chemical:	05/05/2006 TOTAL DISSOLVED SOLIDS	Findings:	384 MG/L
Sample Collected: Chemical:	05/09/2006 GROSS ALPHA	Findings:	8 PC/L
Sample Collected: Chemical:	05/09/2006 GROSS ALPHA COUNTING ERROR	Findings:	2.9 PC/L
Sample Collected: Chemical:	05/09/2006 URANIUM (UG/L)	Findings:	10 UG/L
Sample Collected: Chemical:	05/09/2006 URANIUM (PC/L)	Findings:	6.7 PC/L
Sample Collected: Chemical:	05/09/2006 TOTAL DISSOLVED SOLIDS	Findings:	390 MG/L
Sample Collected: Chemical:	05/09/2006 NITRATE (AS NO3)	Findings:	24 MG/L
Sample Collected: Chemical:	05/09/2006 TURBIDITY, LABORATORY	Findings:	.25 NTU
Sample Collected: Chemical:	09/12/2006 TOTAL DISSOLVED SOLIDS	Findings:	360 MG/L
Sample Collected: Chemical:	09/12/2006 NITRATE (AS NO3)	Findings:	22 MG/L
Sample Collected: Chemical:	09/12/2006 TURBIDITY, LABORATORY	Findings:	.2 NTU
Sample Collected: Chemical:	09/12/2006 TOTAL TRIHALOMETHANES	Findings:	.6 UG/L
Sample Collected: Chemical:	09/15/2006 TOTAL DISSOLVED SOLIDS	Findings:	380 MG/L
Sample Collected: Chemical:	09/19/2006 SPECIFIC CONDUCTANCE	Findings:	587 US
Sample Collected: Chemical:	09/19/2006 PH, LABORATORY	Findings:	7.8
Sample Collected: Chemical:	09/19/2006 ALKALINITY (TOTAL) AS CaCO3	Findings:	159 MG/L
Sample Collected: Chemical:	09/19/2006 BICARBONATE ALKALINITY	Findings:	190 MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	09/19/2006 HARDNESS (TOTAL) AS CaCO3	Findings:	210 MG/L
Sample Collected: Chemical:	09/19/2006 CALCIUM	Findings:	67 MG/L
Sample Collected: Chemical:	09/19/2006 MAGNESIUM	Findings:	11 MG/L
Sample Collected: Chemical:	09/19/2006 SODIUM	Findings:	45 MG/L
Sample Collected: Chemical:	09/19/2006 POTASSIUM	Findings:	3 MG/L
Sample Collected: Chemical:	09/19/2006 CHLORIDE	Findings:	28 MG/L
Sample Collected: Chemical:	09/19/2006 FLUORIDE (F) (NATURAL-SOURCE)	Findings:	.62 MG/L
Sample Collected: Chemical:	09/19/2006 BORON	Findings:	120 UG/L
Sample Collected: Chemical:	09/19/2006 CHROMIUM, HEXAVALENT	Findings:	2.2 UG/L
Sample Collected: Chemical:	09/19/2006 VANADIUM	Findings:	7.1 UG/L
Sample Collected: Chemical:	09/19/2006 GROSS ALPHA	Findings:	4.5 PC/L
Sample Collected: Chemical:	09/19/2006 GROSS ALPHA COUNTING ERROR	Findings:	2.2 PC/L
Sample Collected: Chemical:	09/19/2006 URANIUM (UG/L)	Findings:	15 UG/L
Sample Collected: Chemical:	09/19/2006 URANIUM (PC/L)	Findings:	10 PC/L
Sample Collected: Chemical:	02/09/2007 TOTAL DISSOLVED SOLIDS	Findings:	352 MG/L
Sample Collected: Chemical:	02/13/2007 GROSS ALPHA COUNTING ERROR	Findings:	2 PC/L
Sample Collected: Chemical:	02/13/2007 URANIUM (UG/L)	Findings:	10 UG/L
Sample Collected: Chemical:	02/13/2007 URANIUM (PC/L)	Findings:	6.7 PC/L
Sample Collected: Chemical:	02/13/2007 TOTAL DISSOLVED SOLIDS	Findings:	354 MG/L
Sample Collected: Chemical:	02/13/2007 NITRATE (AS NO3)	Findings:	22 MG/L
Sample Collected: Chemical:	02/13/2007 TURBIDITY, LABORATORY	Findings:	.05 NTU
Sample Collected: Chemical:	02/13/2007 TOTAL TRIHALOMETHANES	Findings:	1.6 UG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	02/16/2007 TOTAL DISSOLVED SOLIDS	Findings:	388 MG/L
Sample Collected: Chemical:	02/20/2007 GROSS ALPHA	Findings:	5.4 PC/L
Sample Collected: Chemical:	02/20/2007 GROSS ALPHA COUNTING ERROR	Findings:	2.5 PC/L
Sample Collected: Chemical:	02/20/2007 URANIUM (UG/L)	Findings:	11 UG/L
Sample Collected: Chemical:	02/20/2007 URANIUM (PC/L)	Findings:	7.4 PC/L
Sample Collected: Chemical:	07/03/2007 TOTAL DISSOLVED SOLIDS	Findings:	380 MG/L
Sample Collected: Chemical:	07/03/2007 NITRATE (AS NO3)	Findings:	24 MG/L
Sample Collected: Chemical:	07/03/2007 TURBIDITY, LABORATORY	Findings:	.25 NTU
Sample Collected: Chemical:	07/03/2007 TOTAL TRIHALOMETHANES	Findings:	1.1 UG/L
Sample Collected: Chemical:	07/03/2007 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	07/06/2007 TOTAL DISSOLVED SOLIDS	Findings:	386 MG/L
Sample Collected: Chemical:	07/10/2007 RADIUM 226 COUNTING ERROR	Findings:	.255 PC/L
Sample Collected: Chemical:	07/10/2007 SPECIFIC CONDUCTANCE	Findings:	567 US
Sample Collected: Chemical:	07/10/2007 PH, LABORATORY	Findings:	7.6
Sample Collected: Chemical:	07/10/2007 ALKALINITY (TOTAL) AS CaCO3	Findings:	174 MG/L
Sample Collected: Chemical:	07/10/2007 BICARBONATE ALKALINITY	Findings:	210 MG/L
Sample Collected: Chemical:	07/10/2007 HARDNESS (TOTAL) AS CaCO3	Findings:	210 MG/L
Sample Collected: Chemical:	07/10/2007 CALCIUM	Findings:	67 MG/L
Sample Collected: Chemical:	07/10/2007 MAGNESIUM	Findings:	11 MG/L
Sample Collected: Chemical:	07/10/2007 SODIUM	Findings:	40 MG/L
Sample Collected: Chemical:	07/10/2007 POTASSIUM	Findings:	3 MG/L
Sample Collected: Chemical:	07/10/2007 CHLORIDE	Findings:	31 MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	07/10/2007 FLUORIDE (F) (NATURAL-SOURCE)	Findings:	63 MG/L
Sample Collected: Chemical:	07/10/2007 ARSENIC	Findings:	2.6 UG/L
Sample Collected: Chemical:	07/10/2007 BORON	Findings:	120 UG/L
Sample Collected: Chemical:	07/10/2007 CHROMIUM, HEXAVALENT	Findings:	2.4 UG/L
Sample Collected: Chemical:	07/10/2007 VANADIUM	Findings:	5.9 UG/L
Sample Collected: Chemical:	07/10/2007 GROSS ALPHA	Findings:	7.3 PC/L
Sample Collected: Chemical:	07/10/2007 GROSS ALPHA COUNTING ERROR	Findings:	2.9 PC/L
Sample Collected: Chemical:	07/10/2007 RADIUM 228 COUNTING ERROR	Findings:	.24 PC/L
Sample Collected: Chemical:	07/10/2007 URANIUM (UG/L)	Findings:	16 UG/L
Sample Collected: Chemical:	07/10/2007 URANIUM (PC/L)	Findings:	11 PC/L
Sample Collected: Chemical:	11/23/2007 TOTAL DISSOLVED SOLIDS	Findings:	354 MG/L
Sample Collected: Chemical:	11/27/2007 GROSS ALPHA	Findings:	8.3 PC/L
Sample Collected: Chemical:	11/27/2007 GROSS ALPHA COUNTING ERROR	Findings:	2.9 PC/L
Sample Collected: Chemical:	11/27/2007 URANIUM (UG/L)	Findings:	15 UG/L
Sample Collected: Chemical:	11/27/2007 URANIUM (PC/L)	Findings:	10 PC/L
Sample Collected: Chemical:	11/27/2007 TOTAL DISSOLVED SOLIDS	Findings:	364 MG/L
Sample Collected: Chemical:	11/27/2007 NITRATE (AS NO3)	Findings:	25 MG/L
Sample Collected: Chemical:	11/27/2007 TURBIDITY, LABORATORY	Findings:	.15 NTU
Sample Collected: Chemical:	11/27/2007 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	11/30/2007 TOTAL DISSOLVED SOLIDS	Findings:	376 MG/L
Sample Collected: Chemical:	12/04/2007 SPECIFIC CONDUCTANCE	Findings:	661 US
Sample Collected: Chemical:	12/04/2007 PH, LABORATORY	Findings:	7.6

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	12/04/2007 ALKALINITY (TOTAL) AS CaCO3	Findings:	159 MG/L
Sample Collected: Chemical:	12/04/2007 BICARBONATE ALKALINITY	Findings:	190 MG/L
Sample Collected: Chemical:	12/04/2007 HARDNESS (TOTAL) AS CaCO3	Findings:	260 MG/L
Sample Collected: Chemical:	12/04/2007 CALCIUM	Findings:	81 MG/L
Sample Collected: Chemical:	12/04/2007 MAGNESIUM	Findings:	14 MG/L
Sample Collected: Chemical:	12/04/2007 SODIUM	Findings:	40 MG/L
Sample Collected: Chemical:	12/04/2007 POTASSIUM	Findings:	3.1 MG/L
Sample Collected: Chemical:	12/04/2007 CHLORIDE	Findings:	33 MG/L
Sample Collected: Chemical:	12/04/2007 FLUORIDE (F) (NATURAL-SOURCE)	Findings:	.44 MG/L
Sample Collected: Chemical:	12/04/2007 BORON	Findings:	120 UG/L
Sample Collected: Chemical:	12/04/2007 CHROMIUM, HEXAVALENT	Findings:	2.1 UG/L
Sample Collected: Chemical:	12/04/2007 VANADIUM	Findings:	6 UG/L
Sample Collected: Chemical:	04/15/2008 TURBIDITY, LABORATORY	Findings:	.05 NTU
Sample Collected: Chemical:	04/15/2008 GROSS ALPHA MDA95	Findings:	3 PC/L
Sample Collected: Chemical:	04/18/2008 TOTAL DISSOLVED SOLIDS	Findings:	340 MG/L
Sample Collected: Chemical:	04/22/2008 GROSS ALPHA COUNTING ERROR	Findings:	1.9 PC/L
Sample Collected: Chemical:	04/22/2008 URANIUM (UG/L)	Findings:	14 UG/L
Sample Collected: Chemical:	04/22/2008 URANIUM (PC/L)	Findings:	9.4 PC/L
Sample Collected: Chemical:	04/22/2008 TOTAL DISSOLVED SOLIDS	Findings:	324 MG/L
Sample Collected: Chemical:	04/22/2008 NITRATE (AS NO3)	Findings:	21 MG/L
Sample Collected: Chemical:	04/22/2008 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	04/22/2008 GROSS ALPHA MDA95	Findings:	3 PC/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	04/25/2008 TOTAL DISSOLVED SOLIDS	Findings:	342 MG/L
Sample Collected: Chemical:	04/29/2008 GROSS ALPHA	Findings:	8.8 PC/L
Sample Collected: Chemical:	04/29/2008 GROSS ALPHA COUNTING ERROR	Findings:	2.8 PC/L
Sample Collected: Chemical:	04/29/2008 URANIUM (UG/L)	Findings:	12 UG/L
Sample Collected: Chemical:	04/29/2008 URANIUM (PC/L)	Findings:	8 PC/L
Sample Collected: Chemical:	11/04/2008 TOTAL DISSOLVED SOLIDS	Findings:	404 MG/L
Sample Collected: Chemical:	11/04/2008 NITRATE (AS NO3)	Findings:	25 MGL
Sample Collected: Chemical:	11/04/2008 TURBIDITY, LABORATORY	Findings:	.15 NTU
Sample Collected: Chemical:	11/04/2008 TOTAL TRIHALOMETHANES	Findings:	2.4 UG/L
Sample Collected: Chemical:	11/04/2008 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	11/07/2008 TOTAL DISSOLVED SOLIDS	Findings:	394 MG/L
Sample Collected: Chemical:	11/12/2008 GROSS ALPHA	Findings:	8.9 PC/L
Sample Collected: Chemical:	11/12/2008 GROSS ALPHA COUNTING ERROR	Findings:	2.8 PC/L
Sample Collected: Chemical:	11/12/2008 URANIUM (UG/L)	Findings:	15 UG/L
Sample Collected: Chemical:	11/12/2008 URANIUM (PC/L)	Findings:	10 PC/L
Sample Collected: Chemical:	11/12/2008 BROMOFORM (THM)	Findings:	1.1 UG/L
Sample Collected: Chemical:	11/12/2008 DIBROMOCHLOROMETHANE (THM)	Findings:	1.6 UG/L
Sample Collected: Chemical:	11/12/2008 TOTAL DISSOLVED SOLIDS	Findings:	380 MG/L
Sample Collected: Chemical:	11/12/2008 NITRATE (AS NO3)	Findings:	23 MGL
Sample Collected: Chemical:	03/24/2009 TOTAL DISSOLVED SOLIDS	Findings:	314 MG/L
Sample Collected: Chemical:	03/24/2009 NITRATE (AS NO3)	Findings:	23 MGL
Sample Collected: Chemical:	03/24/2009 TURBIDITY, LABORATORY	Findings:	.1 NTU

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	03/24/2009 TOTAL TRIHALOMETHANES	Findings:	6.2 UG/L
Sample Collected: Chemical:	03/25/2009 TOTAL DISSOLVED SOLIDS	Findings:	334 MG/L
Sample Collected: Chemical:	04/02/2009 GROSS ALPHA	Findings:	5.3 PC/L
Sample Collected: Chemical:	04/02/2009 GROSS ALPHA COUNTING ERROR	Findings:	2.1 PC/L
Sample Collected: Chemical:	04/02/2009 URANIUM (UG/L)	Findings:	12 UG/L
Sample Collected: Chemical:	04/02/2009 URANIUM (PC/L)	Findings:	8 PC/L
Sample Collected: Chemical:	04/02/2009 BROMODICHLOROMETHANE (THM)	Findings:	1.2 UG/L
Sample Collected: Chemical:	04/02/2009 DIBROMOCHLOROMETHANE (THM)	Findings:	1.6 UG/L
Sample Collected: Chemical:	04/02/2009 TOTAL DISSOLVED SOLIDS	Findings:	356 MG/L
Sample Collected: Chemical:	04/02/2009 NITRATE (AS NO3)	Findings:	24 MG/L
Sample Collected: Chemical:	04/02/2009 TURBIDITY, LABORATORY	Findings:	.15 NTU
Sample Collected: Chemical:	04/02/2009 TOTAL TRIHALOMETHANES	Findings:	4.3 UG/L
Sample Collected: Chemical:	09/29/2009 TOTAL DISSOLVED SOLIDS	Findings:	380 MG/L
Sample Collected: Chemical:	09/29/2009 NITRATE (AS NO3)	Findings:	24 MG/L
Sample Collected: Chemical:	09/29/2009 TURBIDITY, LABORATORY	Findings:	.085 NTU
Sample Collected: Chemical:	09/29/2009 TOTAL TRIHALOMETHANES	Findings:	1.5 UG/L
Sample Collected: Chemical:	10/02/2009 TOTAL DISSOLVED SOLIDS	Findings:	380 MG/L
Sample Collected: Chemical:	10/06/2009 GROSS ALPHA	Findings:	7.3 PC/L
Sample Collected: Chemical:	10/06/2009 URANIUM (UG/L)	Findings:	17 UG/L
Sample Collected: Chemical:	10/06/2009 URANIUM (PC/L)	Findings:	11 PC/L
Sample Collected: Chemical:	05/09/2006 TOTAL TRIHALOMETHANES	Findings:	1.2 UG/L
Sample Collected: Chemical:	05/12/2006 TOTAL DISSOLVED SOLIDS	Findings:	356 MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	05/16/2006 GROSS ALPHA	Findings:	5 PC/L
Sample Collected: Chemical:	05/16/2006 GROSS ALPHA COUNTING ERROR	Findings:	2.4 PC/L
Sample Collected: Chemical:	05/16/2006 URANIUM (UG/L)	Findings:	9.5 UG/L
Sample Collected: Chemical:	05/16/2006 URANIUM (PC/L)	Findings:	6.4 PC/L
Sample Collected: Chemical:	05/16/2006 DIBROMOCHLOROPROPANE (DBCP)	Findings:	.014 UG/L
Sample Collected: Chemical:	05/16/2006 TOTAL DISSOLVED SOLIDS	Findings:	332 MG/L
Sample Collected: Chemical:	05/16/2006 NITRATE (AS NO3)	Findings:	22 MGL
Sample Collected: Chemical:	05/16/2006 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	05/16/2006 TOTAL TRIHALOMETHANES	Findings:	.6 UG/L
Sample Collected: Chemical:	05/19/2006 TOTAL DISSOLVED SOLIDS	Findings:	360 MG/L
Sample Collected: Chemical:	05/23/2006 GROSS ALPHA	Findings:	6.9 PC/L
Sample Collected: Chemical:	05/23/2006 GROSS ALPHA COUNTING ERROR	Findings:	2.8 PC/L
Sample Collected: Chemical:	05/23/2006 URANIUM (UG/L)	Findings:	8.2 UG/L
Sample Collected: Chemical:	05/23/2006 URANIUM (PC/L)	Findings:	5.5 PC/L
Sample Collected: Chemical:	09/19/2006 TOTAL DISSOLVED SOLIDS	Findings:	360 MG/L
Sample Collected: Chemical:	09/19/2006 LANGELIER INDEX @ 60 C	Findings:	.5
Sample Collected: Chemical:	09/19/2006 NITRATE (AS NO3)	Findings:	23 MGL
Sample Collected: Chemical:	09/19/2006 CARBON DIOXIDE	Findings:	4900 UG/L
Sample Collected: Chemical:	09/19/2006 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	09/19/2006 TOTAL TRIHALOMETHANES	Findings:	1 UG/L
Sample Collected: Chemical:	09/19/2006 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12
Sample Collected: Chemical:	09/19/2006 NITRATE + NITRITE (AS N)	Findings:	5300 UG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	09/22/2006 TOTAL DISSOLVED SOLIDS	348 MG/L	Findings:
Sample Collected: Chemical:	09/25/2006 SPECIFIC CONDUCTANCE	560 US	Findings:
Sample Collected: Chemical:	09/25/2006 PH, LABORATORY	7.8	Findings:
Sample Collected: Chemical:	09/25/2006 ALKALINITY (TOTAL) AS CaCO3	150 MG/L	Findings:
Sample Collected: Chemical:	09/25/2006 BICARBONATE ALKALINITY	180 MG/L	Findings:
Sample Collected: Chemical:	09/25/2006 HARDNESS (TOTAL) AS CaCO3	180 MG/L	Findings:
Sample Collected: Chemical:	09/25/2006 CALCIUM	58 MG/L	Findings:
Sample Collected: Chemical:	09/25/2006 MAGNESIUM	9 MG/L	Findings:
Sample Collected: Chemical:	09/25/2006 TOTAL DISSOLVED SOLIDS	352 MG/L	Findings:
Sample Collected: Chemical:	09/25/2006 LANGELIER INDEX @ 60 C	.4	Findings:
Sample Collected: Chemical:	09/25/2006 AGGRSSIVE INDEX (CORROSIVITY)	12	Findings:
Sample Collected: Chemical:	09/26/2006 GROSS ALPHA	9 PCI/L	Findings:
Sample Collected: Chemical:	09/26/2006 GROSS ALPHA COUNTING ERROR	3 PCI/L	Findings:
Sample Collected: Chemical:	09/26/2006 URANIUM (UG/L)	14 UG/L	Findings:
Sample Collected: Chemical:	09/26/2006 URANIUM (PCI/L)	9.4 PCI/L	Findings:
Sample Collected: Chemical:	02/20/2007 TOTAL DISSOLVED SOLIDS	390 MG/L	Findings:
Sample Collected: Chemical:	02/20/2007 NITRATE (AS NO3)	25 MG/L	Findings:
Sample Collected: Chemical:	02/20/2007 TURBIDITY, LABORATORY	.05 NTU	Findings:
Sample Collected: Chemical:	02/20/2007 TOTAL TRIHALOMETHANES	1.5 UG/L	Findings:
Sample Collected: Chemical:	02/23/2007 TOTAL DISSOLVED SOLIDS	412 MG/L	Findings:
Sample Collected: Chemical:	02/27/2007 ODOR THRESHOLD @ 60 C	2 TON	Findings:
Sample Collected: Chemical:	02/27/2007 GROSS ALPHA	4.2 PCI/L	Findings:

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	02/27/2007 GROSS ALPHA COUNTING ERROR	2.3 PCI/L	Findings:
Sample Collected: Chemical:	02/27/2007 URANIUM (UG/L)	8.1 UG/L	Findings:
Sample Collected: Chemical:	02/27/2007 URANIUM (PCI/L)	5.4 PCI/L	Findings:
Sample Collected: Chemical:	02/27/2007 TOTAL DISSOLVED SOLIDS	348 MG/L	Findings:
Sample Collected: Chemical:	02/27/2007 NITRATE (AS NO3)	23 MG/L	Findings:
Sample Collected: Chemical:	07/10/2007 DIBROMOCHLOROPROPANE (DBCP)	.015 UG/L	Findings:
Sample Collected: Chemical:	07/10/2007 TOTAL DISSOLVED SOLIDS	388 MG/L	Findings:
Sample Collected: Chemical:	07/10/2007 LANGELIER INDEX @ 60 C	.3	Findings:
Sample Collected: Chemical:	07/10/2007 NITRATE (AS NO3)	25 MG/L	Findings:
Sample Collected: Chemical:	07/10/2007 CARBON DIOXIDE	8700 UG/L	Findings:
Sample Collected: Chemical:	07/10/2007 TURBIDITY, LABORATORY	.1 NTU	Findings:
Sample Collected: Chemical:	07/10/2007 TOTAL TRIHALOMETHANES	1.1 UG/L	Findings:
Sample Collected: Chemical:	12/04/2007 GROSS ALPHA	7.2 PCI/L	Findings:
Sample Collected: Chemical:	12/04/2007 GROSS ALPHA COUNTING ERROR	2.5 PCI/L	Findings:
Sample Collected: Chemical:	12/04/2007 URANIUM (UG/L)	23 UG/L	Findings:
Sample Collected: Chemical:	12/04/2007 URANIUM (PCI/L)	15 PCI/L	Findings:
Sample Collected: Chemical:	12/04/2007 TOTAL DISSOLVED SOLIDS	398 MG/L	Findings:
Sample Collected: Chemical:	12/04/2007 LANGELIER INDEX @ 60 C	.3	Findings:
Sample Collected: Chemical:	12/04/2007 NITRATE (AS NO3)	27 MG/L	Findings:
Sample Collected: Chemical:	12/04/2007 CARBON DIOXIDE	7800 UG/L	Findings:
Sample Collected: Chemical:	12/04/2007 TOTAL TRIHALOMETHANES	1.2 UG/L	Findings:
Sample Collected: Chemical:	12/04/2007 AGGRSSIVE INDEX (CORROSIVITY)	12	Findings:

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	12/04/2007 NITRATE + NITRITE (AS N)	Findings:	6200 UG/L
Sample Collected: Chemical:	12/04/2007 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	12/05/2007 TOTAL DISSOLVED SOLIDS	Findings:	388 MG/L
Sample Collected: Chemical:	12/05/2007 TURBIDITY, LABORATORY	Findings:	.05 NTU
Sample Collected: Chemical:	12/05/2007 BROMOFORM (THM)	Findings:	1.2 UG/L
Sample Collected: Chemical:	12/05/2007 TOTAL TRIHALOMETHANES	Findings:	1.9 UG/L
Sample Collected: Chemical:	12/07/2007 TOTAL DISSOLVED SOLIDS	Findings:	382 MG/L
Sample Collected: Chemical:	12/11/2007 GROSS ALPHA	Findings:	11 PC/L
Sample Collected: Chemical:	12/11/2007 GROSS ALPHA COUNTING ERROR	Findings:	3.1 PC/L
Sample Collected: Chemical:	12/11/2007 URANIUM (UG/L)	Findings:	16 UG/L
Sample Collected: Chemical:	12/11/2007 URANIUM (PC/L)	Findings:	11 PC/L
Sample Collected: Chemical:	04/29/2008 TOTAL DISSOLVED SOLIDS	Findings:	340 MG/L
Sample Collected: Chemical:	04/29/2008 NITRATE (AS NO3)	Findings:	21 MG/L
Sample Collected: Chemical:	04/29/2008 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	04/29/2008 TOTAL TRIHALOMETHANES	Findings:	.5 UG/L
Sample Collected: Chemical:	04/29/2008 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	05/02/2008 TOTAL DISSOLVED SOLIDS	Findings:	344 MG/L
Sample Collected: Chemical:	05/06/2008 CHROMIUM, HEXAVALENT	Findings:	2.8 UG/L
Sample Collected: Chemical:	05/06/2008 GROSS ALPHA	Findings:	4.3 PC/L
Sample Collected: Chemical:	05/06/2008 GROSS ALPHA COUNTING ERROR	Findings:	2.3 PC/L
Sample Collected: Chemical:	05/06/2008 URANIUM (UG/L)	Findings:	17 UG/L
Sample Collected: Chemical:	05/06/2008 URANIUM (PC/L)	Findings:	11 PC/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	11/12/2008 TURBIDITY, LABORATORY	Findings:	25 NTU
Sample Collected: Chemical:	11/12/2008 TOTAL TRIHALOMETHANES	Findings:	3.6 UG/L
Sample Collected: Chemical:	11/12/2008 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	11/13/2008 TOTAL ORGANIC CARBON (TOC)	Findings:	.52 MG/L
Sample Collected: Chemical:	11/13/2008 BROMOFORM (THM)	Findings:	1.3 UG/L
Sample Collected: Chemical:	11/13/2008 DIBROMOCHLOROMETHANE (THM)	Findings:	1.3 UG/L
Sample Collected: Chemical:	11/13/2008 TOTAL TRIHALOMETHANES	Findings:	3.3 UG/L
Sample Collected: Chemical:	11/14/2008 TOTAL DISSOLVED SOLIDS	Findings:	372 MG/L
Sample Collected: Chemical:	11/18/2008 GROSS ALPHA	Findings:	8.7 PC/L
Sample Collected: Chemical:	11/18/2008 GROSS ALPHA COUNTING ERROR	Findings:	2.8 PC/L
Sample Collected: Chemical:	11/18/2008 URANIUM (UG/L)	Findings:	17 UG/L
Sample Collected: Chemical:	11/18/2008 URANIUM (PC/L)	Findings:	11 PC/L
Sample Collected: Chemical:	11/18/2008 TOTAL DISSOLVED SOLIDS	Findings:	424 MG/L
Sample Collected: Chemical:	11/18/2008 NITRATE (AS NO3)	Findings:	23 MG/L
Sample Collected: Chemical:	11/18/2008 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	11/18/2008 TOTAL TRIHALOMETHANES	Findings:	1.9 UG/L
Sample Collected: Chemical:	11/18/2008 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	11/21/2008 TOTAL DISSOLVED SOLIDS	Findings:	406 MG/L
Sample Collected: Chemical:	11/26/2008 GROSS ALPHA	Findings:	10 PC/L
Sample Collected: Chemical:	11/26/2008 GROSS ALPHA COUNTING ERROR	Findings:	2.8 PC/L
Sample Collected: Chemical:	11/26/2008 URANIUM (UG/L)	Findings:	21 UG/L
Sample Collected: Chemical:	04/02/2009 GROSS ALPHA MDA95	Findings:	2 PC/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	04/03/2009 TOTAL DISSOLVED SOLIDS	Findings:	394 MG/L
Sample Collected: Chemical:	04/07/2009 GROSS ALPHA	Findings:	7.39 PCI/L
Sample Collected: Chemical:	04/07/2009 GROSS ALPHA COUNTING ERROR	Findings:	1.4 PCI/L
Sample Collected: Chemical:	04/07/2009 ODOR THRESHOLD @ 60 C	Findings:	2 TON
Sample Collected: Chemical:	04/07/2009 SPECIFIC CONDUCTANCE	Findings:	618 US
Sample Collected: Chemical:	04/07/2009 PH, LABORATORY	Findings:	7.6
Sample Collected: Chemical:	04/07/2009 ALKALINITY (TOTAL) AS CaCO3	Findings:	165 MG/L
Sample Collected: Chemical:	04/07/2009 BICARBONATE ALKALINITY	Findings:	201 MG/L
Sample Collected: Chemical:	04/07/2009 HARDNESS (TOTAL) AS CaCO3	Findings:	223 MG/L
Sample Collected: Chemical:	04/07/2009 CALCIUM	Findings:	71 MG/L
Sample Collected: Chemical:	04/07/2009 MAGNESIUM	Findings:	11 MG/L
Sample Collected: Chemical:	04/07/2009 SODIUM	Findings:	43 MG/L
Sample Collected: Chemical:	04/07/2009 POTASSIUM	Findings:	3.5 MG/L
Sample Collected: Chemical:	04/07/2009 CHLORIDE	Findings:	36 MG/L
Sample Collected: Chemical:	04/07/2009 FLUORIDE (F) (NATURAL-SOURCE)	Findings:	.47 MG/L
Sample Collected: Chemical:	04/07/2009 ARSENIC	Findings:	2.1 UG/L
Sample Collected: Chemical:	04/07/2009 BORON	Findings:	160 UG/L
Sample Collected: Chemical:	04/07/2009 CHROMIUM, HEXAVALENT	Findings:	1.6 UG/L
Sample Collected: Chemical:	04/07/2009 VANADIUM	Findings:	6.5 UG/L
Sample Collected: Chemical:	04/07/2009 URANIUM (UG/L)	Findings:	11 UG/L
Sample Collected: Chemical:	04/07/2009 URANIUM (PCI/L)	Findings:	7.4 PCI/L
Sample Collected: Chemical:	04/07/2009 DIBROMOCHLOROMETHANE (THM)	Findings:	1.2 UG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	04/07/2009 TOTAL DISSOLVED SOLIDS	Findings:	380 MG/L
Sample Collected: Chemical:	04/07/2009 LANGELIER INDEX @ 60 C	Findings:	.3
Sample Collected: Chemical:	04/07/2009 NITRATE (AS NO3)	Findings:	26 MG/L
Sample Collected: Chemical:	04/07/2009 CARBON DIOXIDE	Findings:	8300 UG/L
Sample Collected: Chemical:	10/06/2009 TOTAL DISSOLVED SOLIDS	Findings:	390 MG/L
Sample Collected: Chemical:	10/06/2009 NITRATE (AS NO3)	Findings:	26 MG/L
Sample Collected: Chemical:	10/06/2009 TURBIDITY, LABORATORY	Findings:	.064 NTU
Sample Collected: Chemical:	10/06/2009 TOTAL TRIHALOMETHANES	Findings:	1.2 UG/L
Sample Collected: Chemical:	10/09/2009 TOTAL DISSOLVED SOLIDS	Findings:	400 MG/L
Sample Collected: Chemical:	10/13/2009 GROSS ALPHA	Findings:	10 PCI/L
Sample Collected: Chemical:	10/13/2009 URANIUM (UG/L)	Findings:	19 UG/L
Sample Collected: Chemical:	10/13/2009 URANIUM (PCI/L)	Findings:	13 PCI/L
Sample Collected: Chemical:	10/13/2009 DIBROMOCHLOROPROPANE (DBCP)	Findings:	.012 UG/L
Sample Collected: Chemical:	10/13/2009 TOTAL DISSOLVED SOLIDS	Findings:	410 MG/L
Sample Collected: Chemical:	10/13/2009 NITRATE (AS NO3)	Findings:	25 MG/L
Sample Collected: Chemical:	01/03/2006 SPECIFIC CONDUCTANCE	Findings:	590 US
Sample Collected: Chemical:	01/03/2006 PH, LABORATORY	Findings:	8.1
Sample Collected: Chemical:	01/03/2006 ALKALINITY (TOTAL) AS CaCO3	Findings:	168 MG/L
Sample Collected: Chemical:	01/03/2006 BICARBONATE ALKALINITY	Findings:	200 MG/L
Sample Collected: Chemical:	01/03/2006 HARDNESS (TOTAL) AS CaCO3	Findings:	210 MG/L
Sample Collected: Chemical:	01/03/2006 CALCIUM	Findings:	67 MG/L
Sample Collected: Chemical:	01/03/2006 MAGNESIUM	Findings:	10 MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	01/03/2006 SODIUM	Findings:	36 MG/L
Sample Collected: Chemical:	01/03/2006 POTASSIUM	Findings:	2.7 MG/L
Sample Collected: Chemical:	01/03/2006 CHLORIDE	Findings:	18 MG/L
Sample Collected: Chemical:	01/03/2006 FLUORIDE (F) (NATURAL-SOURCE)	Findings:	.59 MG/L
Sample Collected: Chemical:	05/23/2006 DIBROMOCHLOROPROPANE (DBCP)	Findings:	.017 UG/L
Sample Collected: Chemical:	05/23/2006 TOTAL DISSOLVED SOLIDS	Findings:	332 MG/L
Sample Collected: Chemical:	05/23/2006 NITRATE (AS NO3)	Findings:	19 MG/L
Sample Collected: Chemical:	05/23/2006 TURBIDITY, LABORATORY	Findings:	.25 NTU
Sample Collected: Chemical:	05/23/2006 TOTAL TRIHALOMETHANES	Findings:	1.2 UG/L
Sample Collected: Chemical:	05/24/2006 URANIUM (UG/L)	Findings:	7.6 UG/L
Sample Collected: Chemical:	05/24/2006 URANIUM (PCI/L)	Findings:	5.1 PCI/L
Sample Collected: Chemical:	05/26/2006 TOTAL DISSOLVED SOLIDS	Findings:	302 MG/L
Sample Collected: Chemical:	05/30/2006 GROSS ALPHA	Findings:	5.3 PCI/L
Sample Collected: Chemical:	05/30/2006 GROSS ALPHA COUNTING ERROR	Findings:	2.3 PCI/L
Sample Collected: Chemical:	05/30/2006 URANIUM (UG/L)	Findings:	8.9 UG/L
Sample Collected: Chemical:	05/30/2006 URANIUM (PCI/L)	Findings:	6 PCI/L
Sample Collected: Chemical:	05/30/2006 DIBROMOCHLOROPROPANE (DBCP)	Findings:	.02 UG/L
Sample Collected: Chemical:	05/30/2006 TOTAL DISSOLVED SOLIDS	Findings:	326 MG/L
Sample Collected: Chemical:	05/30/2006 NITRATE (AS NO3)	Findings:	22 MG/L
Sample Collected: Chemical:	09/26/2006 TOTAL DISSOLVED SOLIDS	Findings:	340 MG/L
Sample Collected: Chemical:	09/26/2006 NITRATE (AS NO3)	Findings:	24 MG/L
Sample Collected: Chemical:	09/26/2006 TURBIDITY, LABORATORY	Findings:	.15 NTU

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	09/26/2006 TOTAL TRIHALOMETHANES	Findings:	.6 UG/L
Sample Collected: Chemical:	09/29/2006 TOTAL DISSOLVED SOLIDS	Findings:	362 MG/L
Sample Collected: Chemical:	10/03/2006 GROSS ALPHA	Findings:	8.3 PCI/L
Sample Collected: Chemical:	10/03/2006 GROSS ALPHA COUNTING ERROR	Findings:	3.3 PCI/L
Sample Collected: Chemical:	10/03/2006 URANIUM (UG/L)	Findings:	13 UG/L
Sample Collected: Chemical:	10/03/2006 URANIUM (PCI/L)	Findings:	8.7 PCI/L
Sample Collected: Chemical:	10/03/2006 TOTAL DISSOLVED SOLIDS	Findings:	366 MG/L
Sample Collected: Chemical:	10/03/2006 NITRATE (AS NO3)	Findings:	24 MG/L
Sample Collected: Chemical:	10/03/2006 TURBIDITY, LABORATORY	Findings:	.8 NTU
Sample Collected: Chemical:	10/03/2006 TOTAL TRIHALOMETHANES	Findings:	.7 UG/L
Sample Collected: Chemical:	02/27/2007 TOTAL TRIHALOMETHANES	Findings:	1.2 UG/L
Sample Collected: Chemical:	03/02/2007 TOTAL DISSOLVED SOLIDS	Findings:	318 MG/L
Sample Collected: Chemical:	03/06/2007 SPECIFIC CONDUCTANCE	Findings:	560 US
Sample Collected: Chemical:	03/06/2007 PH, LABORATORY	Findings:	7.6
Sample Collected: Chemical:	03/06/2007 ALKALINITY (TOTAL) AS CaCO3	Findings:	163 MG/L
Sample Collected: Chemical:	03/06/2007 BICARBONATE ALKALINITY	Findings:	200 MG/L
Sample Collected: Chemical:	03/06/2007 HARDNESS (TOTAL) AS CaCO3	Findings:	200 MG/L
Sample Collected: Chemical:	03/06/2007 CALCIUM	Findings:	64 MGL
Sample Collected: Chemical:	03/06/2007 MAGNESIUM	Findings:	9.3 MG/L
Sample Collected: Chemical:	03/06/2007 SODIUM	Findings:	44 MGL
Sample Collected: Chemical:	03/06/2007 POTASSIUM	Findings:	2.8 MG/L
Sample Collected: Chemical:	03/06/2007 CHLORIDE	Findings:	31 MGL

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	03/06/2007 FLUORIDE (F) (NATURAL-SOURCE)	Findings:	.53 MG/L
Sample Collected: Chemical:	03/06/2007 ARSENIC	Findings:	2.5 UG/L
Sample Collected: Chemical:	03/06/2007 BORON	Findings:	120 UG/L
Sample Collected: Chemical:	03/06/2007 CHROMIUM, HEXAVALENT	Findings:	2.5 UG/L
Sample Collected: Chemical:	03/06/2007 VANADIUM	Findings:	7 UG/L
Sample Collected: Chemical:	03/06/2007 GROSS ALPHA	Findings:	4.1 PC/L
Sample Collected: Chemical:	03/06/2007 GROSS ALPHA COUNTING ERROR	Findings:	2.2 PC/L
Sample Collected: Chemical:	03/06/2007 URANIUM (UG/L)	Findings:	8.3 UG/L
Sample Collected: Chemical:	03/06/2007 URANIUM (PC/L)	Findings:	5.6 PC/L
Sample Collected: Chemical:	03/06/2007 DIBROMOCHLOROPROPANE (DBCP)	Findings:	.012 UG/L
Sample Collected: Chemical:	03/06/2007 TOTAL DISSOLVED SOLIDS	Findings:	356 MG/L
Sample Collected: Chemical:	03/06/2007 LANGELIER INDEX @ 60 C	Findings:	.3
Sample Collected: Chemical:	03/06/2007 NITRATE (AS NO3)	Findings:	2.3 MG/L
Sample Collected: Chemical:	03/06/2007 CARBON DIOXIDE	Findings:	8200 UG/L
Sample Collected: Chemical:	07/10/2007 RADON 222 COUNTING ERROR	Findings:	20 PC/L
Sample Collected: Chemical:	07/10/2007 RADON 222	Findings:	508 PC/L
Sample Collected: Chemical:	07/10/2007 AGGRESSIVE INDEX (CORROSIVITY)	Findings:	12
Sample Collected: Chemical:	07/10/2007 NITRATE + NITRITE (AS N)	Findings:	5800 UG/L
Sample Collected: Chemical:	07/10/2007 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	07/13/2007 RADIUM 228 MDA95	Findings:	1 PC/L
Sample Collected: Chemical:	07/13/2007 TOTAL DISSOLVED SOLIDS	Findings:	384 MG/L
Sample Collected: Chemical:	07/17/2007 GROSS ALPHA	Findings:	9.2 PC/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	07/17/2007 GROSS ALPHA COUNTING ERROR	Findings:	3.2 PC/L
Sample Collected: Chemical:	07/17/2007 URANIUM (UG/L)	Findings:	16 UG/L
Sample Collected: Chemical:	07/17/2007 URANIUM (PC/L)	Findings:	11 PC/L
Sample Collected: Chemical:	07/17/2007 DIBROMOCHLOROPROPANE (DBCP)	Findings:	.016 UG/L
Sample Collected: Chemical:	07/17/2007 TOTAL DISSOLVED SOLIDS	Findings:	372 MG/L
Sample Collected: Chemical:	07/17/2007 NITRATE (AS NO3)	Findings:	24 MG/L
Sample Collected: Chemical:	07/17/2007 TURBIDITY, LABORATORY	Findings:	2 NTU
Sample Collected: Chemical:	07/17/2007 TOTAL TRIHALOMETHANES	Findings:	1.3 UG/L
Sample Collected: Chemical:	07/17/2007 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	07/20/2007 TOTAL DISSOLVED SOLIDS	Findings:	384 MG/L
Sample Collected: Chemical:	12/11/2007 TOTAL DISSOLVED SOLIDS	Findings:	348 MG/L
Sample Collected: Chemical:	12/11/2007 NITRATE (AS NO3)	Findings:	26 MG/L
Sample Collected: Chemical:	12/11/2007 TURBIDITY, LABORATORY	Findings:	.05 NTU
Sample Collected: Chemical:	12/11/2007 TOTAL TRIHALOMETHANES	Findings:	1.3 UG/L
Sample Collected: Chemical:	12/11/2007 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	12/13/2007 SPECIFIC CONDUCTANCE	Findings:	669 US
Sample Collected: Chemical:	12/13/2007 PH, LABORATORY	Findings:	7.5
Sample Collected: Chemical:	12/13/2007 ALKALINITY (TOTAL) AS CaCO3	Findings:	172 MG/L
Sample Collected: Chemical:	12/13/2007 BICARBONATE ALKALINITY	Findings:	210 MG/L
Sample Collected: Chemical:	12/13/2007 HARDNESS (TOTAL) AS CaCO3	Findings:	250 MG/L
Sample Collected: Chemical:	12/13/2007 CALCIUM	Findings:	79 MG/L
Sample Collected: Chemical:	12/13/2007 MAGNESIUM	Findings:	13 MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	12/13/2007 TOTAL DISSOLVED SOLIDS	Findings:	374 MG/L
Sample Collected: Chemical:	12/13/2007 LANGELIER INDEX @ 80 C	Findings:	.3
Sample Collected: Chemical:	12/13/2007 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12
Sample Collected: Chemical:	12/14/2007 TOTAL DISSOLVED SOLIDS	Findings:	402 MG/L
Sample Collected: Chemical:	12/18/2007 GROSS ALPHA	Findings:	4.7 PC/L
Sample Collected: Chemical:	12/18/2007 GROSS ALPHA COUNTING ERROR	Findings:	2.3 PC/L
Sample Collected: Chemical:	12/18/2007 URANIUM (UG/L)	Findings:	16 UG/L
Sample Collected: Chemical:	12/18/2007 URANIUM (PC/L)	Findings:	11 PC/L
Sample Collected: Chemical:	05/06/2008 TOTAL DISSOLVED SOLIDS	Findings:	328 MG/L
Sample Collected: Chemical:	05/06/2008 NITRATE (AS NO3)	Findings:	23 MG/L
Sample Collected: Chemical:	05/06/2008 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	05/06/2008 TOTAL TRIHALOMETHANES	Findings:	1.4 UG/L
Sample Collected: Chemical:	05/09/2008 GROSS ALPHA MDA95	Findings:	1 PC/L
Sample Collected: Chemical:	05/09/2008 TOTAL DISSOLVED SOLIDS	Findings:	342 MG/L
Sample Collected: Chemical:	05/13/2008 CHROMIUM, HEXVALENT	Findings:	2.3 UG/L
Sample Collected: Chemical:	05/13/2008 GROSS ALPHA	Findings:	5.7 PC/L
Sample Collected: Chemical:	05/13/2008 GROSS ALPHA COUNTING ERROR	Findings:	2.5 PC/L
Sample Collected: Chemical:	05/13/2008 URANIUM (UG/L)	Findings:	15 UG/L
Sample Collected: Chemical:	05/13/2008 URANIUM (PC/L)	Findings:	10 PC/L
Sample Collected: Chemical:	05/13/2008 TOTAL DISSOLVED SOLIDS	Findings:	354 MG/L
Sample Collected: Chemical:	05/13/2008 NITRATE (AS NO3)	Findings:	23 MG/L
Sample Collected: Chemical:	11/26/2008 URANIUM (PC/L)	Findings:	14 PC/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	11/26/2008 DIBROMOCHLOROMETHANE (THM)	Findings:	1.3 UG/L
Sample Collected: Chemical:	11/26/2008 TOTAL DISSOLVED SOLIDS	Findings:	408 MG/L
Sample Collected: Chemical:	11/26/2008 NITRATE (AS NO3)	Findings:	27 MG/L
Sample Collected: Chemical:	11/26/2008 TURBIDITY, LABORATORY	Findings:	.2 NTU
Sample Collected: Chemical:	11/26/2008 TOTAL TRIHALOMETHANES	Findings:	3.6 UG/L
Sample Collected: Chemical:	11/26/2008 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	12/03/2008 SPECIFIC CONDUCTANCE	Findings:	655 US
Sample Collected: Chemical:	12/03/2008 PH, LABORATORY	Findings:	7.8
Sample Collected: Chemical:	12/03/2008 ALKALINITY (TOTAL) AS CaCO3	Findings:	197 MG/L
Sample Collected: Chemical:	12/03/2008 BICARBONATE ALKALINITY	Findings:	240 MG/L
Sample Collected: Chemical:	12/03/2008 HARDNESS (TOTAL) AS CaCO3	Findings:	243 MG/L
Sample Collected: Chemical:	12/03/2008 CALCIUM	Findings:	76 MG/L
Sample Collected: Chemical:	12/03/2008 MAGNESIUM	Findings:	13 MG/L
Sample Collected: Chemical:	12/03/2008 SODIUM	Findings:	39 MG/L
Sample Collected: Chemical:	12/03/2008 POTASSIUM	Findings:	3.3 MG/L
Sample Collected: Chemical:	12/03/2008 CHLORIDE	Findings:	36 MG/L
Sample Collected: Chemical:	12/03/2008 FLUORIDE (F) (NATURAL-SOURCE)	Findings:	.5 MG/L
Sample Collected: Chemical:	12/03/2008 BORON	Findings:	130 UG/L
Sample Collected: Chemical:	12/03/2008 CHROMIUM, HEXVALENT	Findings:	1.7 UG/L
Sample Collected: Chemical:	12/03/2008 VANADIUM	Findings:	5.6 UG/L
Sample Collected: Chemical:	12/03/2008 GROSS ALPHA	Findings:	11 PC/L
Sample Collected: Chemical:	12/03/2008 GROSS ALPHA COUNTING ERROR	Findings:	2.9 PC/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	12/03/2008 URANIUM (UG/L)	Findings:	16 UG/L
Sample Collected: Chemical:	04/07/2009 TURBIDITY, LABORATORY	Findings:	.15 NTU
Sample Collected: Chemical:	04/07/2009 TOTAL TRIHALOMETHANES	Findings:	2.8 UG/L
Sample Collected: Chemical:	04/07/2009 AGGRESSIVE INDEX (CORROSIVITY)	Findings:	12
Sample Collected: Chemical:	04/07/2009 NITRATE + NITRITE (AS N)	Findings:	5800 UG/L
Sample Collected: Chemical:	04/10/2009 TOTAL DISSOLVED SOLIDS	Findings:	366 MG/L
Sample Collected: Chemical:	04/14/2009 GROSS ALPHA	Findings:	6.9 PCI/L
Sample Collected: Chemical:	04/14/2009 GROSS ALPHA COUNTING ERROR	Findings:	2.3 PCI/L
Sample Collected: Chemical:	04/14/2009 URANIUM (UG/L)	Findings:	14 UG/L
Sample Collected: Chemical:	04/14/2009 URANIUM (PCI/L)	Findings:	9.4 PCI/L
Sample Collected: Chemical:	04/14/2009 TOTAL DISSOLVED SOLIDS	Findings:	360 MG/L
Sample Collected: Chemical:	04/14/2009 NITRATE (AS NO3)	Findings:	25 MG/L
Sample Collected: Chemical:	04/14/2009 TURBIDITY, LABORATORY	Findings:	.05 NTU
Sample Collected: Chemical:	04/14/2009 TOTAL TRIHALOMETHANES	Findings:	1.7 UG/L
Sample Collected: Chemical:	04/14/2009 GROSS ALPHA MDA85	Findings:	2 PCI/L
Sample Collected: Chemical:	04/17/2009 TOTAL DISSOLVED SOLIDS	Findings:	396 MG/L
Sample Collected: Chemical:	10/13/2009 TURBIDITY, LABORATORY	Findings:	.15 NTU
Sample Collected: Chemical:	10/13/2009 TOTAL TRIHALOMETHANES	Findings:	1.7 UG/L
Sample Collected: Chemical:	10/16/2009 TOTAL DISSOLVED SOLIDS	Findings:	410 MG/L
Sample Collected: Chemical:	10/20/2009 SPECIFIC CONDUCTANCE	Findings:	630 US
Sample Collected: Chemical:	10/20/2009 PH, LABORATORY	Findings:	7.9
Sample Collected: Chemical:	10/20/2009 ALKALINITY (TOTAL) AS CaCO3	Findings:	180 MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	10/20/2009 BICARBONATE ALKALINITY	Findings:	210 MG/L
Sample Collected: Chemical:	10/20/2009 HARDNESS (TOTAL) AS CaCO3	Findings:	230 MG/L
Sample Collected: Chemical:	10/20/2009 CALCIUM	Findings:	73 MG/L
Sample Collected: Chemical:	10/20/2009 MAGNESIUM	Findings:	12 MG/L
Sample Collected: Chemical:	10/20/2009 SODIUM	Findings:	40 MG/L
Sample Collected: Chemical:	10/20/2009 POTASSIUM	Findings:	3 MG/L
Sample Collected: Chemical:	10/20/2009 CHLORIDE	Findings:	32 MG/L
Sample Collected: Chemical:	10/20/2009 FLUORIDE (F) (NATURAL-SOURCE)	Findings:	.53 MG/L
Sample Collected: Chemical:	10/20/2009 CHROMIUM, HEXAVALENT	Findings:	2.3 UG/L
Sample Collected: Chemical:	10/20/2009 VANADIUM	Findings:	7.2 UG/L
Sample Collected: Chemical:	10/20/2009 GROSS ALPHA	Findings:	7 PCI/L
Sample Collected: Chemical:	10/20/2009 URANIUM (UG/L)	Findings:	19 UG/L
Sample Collected: Chemical:	10/20/2009 URANIUM (PCI/L)	Findings:	12 PCI/L
Sample Collected: Chemical:	10/20/2009 TOTAL DISSOLVED SOLIDS	Findings:	380 MG/L
Sample Collected: Chemical:	10/20/2009 LANGELIER INDEX @ 60 C	Findings:	1.1
Sample Collected: Chemical:	10/20/2009 NITRATE (AS NO3)	Findings:	27 MG/L
Sample Collected: Chemical:	10/20/2009 CARBON DIOXIDE	Findings:	4300 UG/L
Sample Collected: Chemical:	01/03/2006 VANADIUM	Findings:	6.1 UG/L
Sample Collected: Chemical:	01/03/2006 GROSS ALPHA	Findings:	7.6 PCI/L
Sample Collected: Chemical:	01/03/2006 GROSS ALPHA COUNTING ERROR	Findings:	2.7 PCI/L
Sample Collected: Chemical:	01/03/2006 URANIUM (UG/L)	Findings:	16 UG/L
Sample Collected: Chemical:	01/03/2006 URANIUM (PCI/L)	Findings:	11 PCI/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	01/03/2006 DIBROMOCHLOROPROPANE (DBCP)	Findings:	025 UG/L
Sample Collected: Chemical:	01/03/2006 TOTAL DISSOLVED SOLIDS	Findings:	446 MG/L
Sample Collected: Chemical:	01/03/2006 LANGELIER INDEX @ 60 C	Findings:	.8
Sample Collected: Chemical:	01/03/2006 NITRATE (AS NO3)	Findings:	21 MG/L
Sample Collected: Chemical:	01/03/2006 CARBON DIOXIDE	Findings:	3000 UG/L
Sample Collected: Chemical:	01/03/2006 TURBIDITY, LABORATORY	Findings:	.35 NTU
Sample Collected: Chemical:	01/03/2006 TOTAL TRIHALOMETHANES	Findings:	1.4 UG/L
Sample Collected: Chemical:	01/03/2006 AGGRESSIVE INDEX (CORROSIIVITY)	Findings:	13
Sample Collected: Chemical:	01/03/2006 NITRATE + NITRITE (AS N)	Findings:	4700 UG/L
Sample Collected: Chemical:	01/06/2006 TOTAL DISSOLVED SOLIDS	Findings:	404 MG/L
Sample Collected: Chemical:	01/10/2006 GROSS ALPHA	Findings:	7.9 PC/L
Sample Collected: Chemical:	01/10/2006 GROSS ALPHA COUNTING ERROR	Findings:	2.7 PC/L
Sample Collected: Chemical:	01/10/2006 URANIUM (UG/L)	Findings:	13 UG/L
Sample Collected: Chemical:	01/10/2006 URANIUM (PC/L)	Findings:	8.7 PC/L
Sample Collected: Chemical:	05/30/2006 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	05/30/2006 TOTAL TRIHALOMETHANES	Findings:	.6 UG/L
Sample Collected: Chemical:	06/01/2006 TOTAL TRIHALOMETHANES	Findings:	1.6 UG/L
Sample Collected: Chemical:	06/02/2006 TOTAL DISSOLVED SOLIDS	Findings:	346 MG/L
Sample Collected: Chemical:	06/06/2006 SPECIFIC CONDUCTANCE	Findings:	582 US
Sample Collected: Chemical:	06/06/2006 PH, LABORATORY	Findings:	7.7
Sample Collected: Chemical:	06/06/2006 ALKALINITY (TOTAL) AS CaCO3	Findings:	153 MG/L
Sample Collected: Chemical:	06/06/2006 BICARBONATE ALKALINITY	Findings:	186 MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	06/06/2006 HARDNESS (TOTAL) AS CaCO3	Findings:	198 MG/L
Sample Collected: Chemical:	06/06/2006 CALCIUM	Findings:	63 MG/L
Sample Collected: Chemical:	06/06/2006 MAGNESIUM	Findings:	10 MG/L
Sample Collected: Chemical:	06/06/2006 GROSS ALPHA	Findings:	12 PC/L
Sample Collected: Chemical:	06/06/2006 GROSS ALPHA COUNTING ERROR	Findings:	3.3 PC/L
Sample Collected: Chemical:	06/06/2006 URANIUM (UG/L)	Findings:	10 UG/L
Sample Collected: Chemical:	06/06/2006 URANIUM (PC/L)	Findings:	6.7 PC/L
Sample Collected: Chemical:	06/06/2006 DIBROMOCHLOROPROPANE (DBCP)	Findings:	.015 UG/L
Sample Collected: Chemical:	06/06/2006 TOTAL DISSOLVED SOLIDS	Findings:	350 MG/L
Sample Collected: Chemical:	06/06/2006 LANGELIER INDEX @ 60 C	Findings:	3
Sample Collected: Chemical:	06/06/2006 NITRATE (AS NO3)	Findings:	24 MG/L
Sample Collected: Chemical:	10/06/2006 TOTAL DISSOLVED SOLIDS	Findings:	374 MG/L
Sample Collected: Chemical:	10/10/2006 GROSS ALPHA	Findings:	4.5 PC/L
Sample Collected: Chemical:	10/10/2006 GROSS ALPHA COUNTING ERROR	Findings:	2.5 PC/L
Sample Collected: Chemical:	10/10/2006 URANIUM (UG/L)	Findings:	13 UG/L
Sample Collected: Chemical:	10/10/2006 URANIUM (PC/L)	Findings:	8.7 PC/L
Sample Collected: Chemical:	10/10/2006 DIBROMOCHLOROPROPANE (DBCP)	Findings:	.013 UG/L
Sample Collected: Chemical:	10/10/2006 TOTAL DISSOLVED SOLIDS	Findings:	372 MG/L
Sample Collected: Chemical:	10/10/2006 NITRATE (AS NO3)	Findings:	24 MG/L
Sample Collected: Chemical:	10/10/2006 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	10/10/2006 TOTAL TRIHALOMETHANES	Findings:	1.2 UG/L
Sample Collected: Chemical:	10/11/2006 RADON 222 COUNTING ERROR	Findings:	12 PC/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	10/11/2006 RADON 222	Findings:	213 PC/L
Sample Collected: Chemical:	10/13/2006 TOTAL DISSOLVED SOLIDS	Findings:	396 MG/L
Sample Collected: Chemical:	10/17/2006 RADIUM 226 COUNTING ERROR	Findings:	.342 PC/L
Sample Collected: Chemical:	10/17/2006 RADIUM 228 COUNTING ERROR	Findings:	.374 PC/L
Sample Collected: Chemical:	10/17/2006 SPECIFIC CONDUCTANCE	Findings:	545 US
Sample Collected: Chemical:	10/17/2006 PH, LABORATORY	Findings:	7.8
Sample Collected: Chemical:	10/17/2006 ALKALINITY (TOTAL) AS CaCO3	Findings:	150 MG/L
Sample Collected: Chemical:	10/17/2006 BICARBONATE ALKALINITY	Findings:	180 MG/L
Sample Collected: Chemical:	10/17/2006 HARDNESS (TOTAL) AS CaCO3	Findings:	190 MG/L
Sample Collected: Chemical:	10/17/2006 CALCIUM	Findings:	61 MG/L
Sample Collected: Chemical:	10/17/2006 MAGNESIUM	Findings:	9.1 MG/L
Sample Collected: Chemical:	10/17/2006 SODIUM	Findings:	39 MG/L
Sample Collected: Chemical:	10/17/2006 POTASSIUM	Findings:	2.8 MG/L
Sample Collected: Chemical:	10/17/2006 CHLORIDE	Findings:	26 MG/L
Sample Collected: Chemical:	10/17/2006 FLUORIDE (F) (NATURAL-SOURCE)	Findings:	.6 MG/L
Sample Collected: Chemical:	03/06/2007 TOTAL TRIHALOMETHANES	Findings:	.8 UG/L
Sample Collected: Chemical:	03/06/2007 AGGRESSIVE INDEX (CORROSIVITY)	Findings:	12
Sample Collected: Chemical:	03/06/2007 NITRATE + NITRITE (AS N)	Findings:	5200 UG/L
Sample Collected: Chemical:	03/09/2007 TOTAL DISSOLVED SOLIDS	Findings:	356 MG/L
Sample Collected: Chemical:	03/09/2007 BROMOFORM (THM)	Findings:	1.4 UG/L
Sample Collected: Chemical:	03/09/2007 TOTAL TRIHALOMETHANES	Findings:	2.3 UG/L
Sample Collected: Chemical:	03/13/2007 GROSS ALPHA	Findings:	4.2 PC/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	03/13/2007 GROSS ALPHA COUNTING ERROR	Findings:	2.3 PC/L
Sample Collected: Chemical:	03/13/2007 URANIUM (UG/L)	Findings:	8.8 UG/L
Sample Collected: Chemical:	03/13/2007 URANIUM (PC/L)	Findings:	5.9 PC/L
Sample Collected: Chemical:	03/13/2007 DIBROMOCHLOROPROPANE (DBCP)	Findings:	.011 UG/L
Sample Collected: Chemical:	03/13/2007 TOTAL DISSOLVED SOLIDS	Findings:	430 MG/L
Sample Collected: Chemical:	03/13/2007 NITRATE (AS NO3)	Findings:	23 MG/L
Sample Collected: Chemical:	07/24/2007 GROSS ALPHA COUNTING ERROR	Findings:	2 PC/L
Sample Collected: Chemical:	07/24/2007 URANIUM (UG/L)	Findings:	16 UG/L
Sample Collected: Chemical:	07/24/2007 URANIUM (PC/L)	Findings:	11 PC/L
Sample Collected: Chemical:	07/24/2007 DIBROMOCHLOROPROPANE (DBCP)	Findings:	.018 UG/L
Sample Collected: Chemical:	07/24/2007 TOTAL DISSOLVED SOLIDS	Findings:	376 MG/L
Sample Collected: Chemical:	07/24/2007 NITRATE (AS NO3)	Findings:	25 MG/L
Sample Collected: Chemical:	07/24/2007 TURBIDITY, LABORATORY	Findings:	.15 NTU
Sample Collected: Chemical:	07/24/2007 TOTAL TRIHALOMETHANES	Findings:	1.6 UG/L
Sample Collected: Chemical:	07/24/2007 GROSS ALPHA MDA95	Findings:	3 PC/L
Sample Collected: Chemical:	07/27/2007 TOTAL DISSOLVED SOLIDS	Findings:	388 MG/L
Sample Collected: Chemical:	07/31/2007 GROSS ALPHA	Findings:	6.1 PC/L
Sample Collected: Chemical:	07/31/2007 GROSS ALPHA COUNTING ERROR	Findings:	2.6 PC/L
Sample Collected: Chemical:	07/31/2007 URANIUM (UG/L)	Findings:	14 UG/L
Sample Collected: Chemical:	07/31/2007 URANIUM (PC/L)	Findings:	9.4 PC/L
Sample Collected: Chemical:	12/18/2007 TOTAL DISSOLVED SOLIDS	Findings:	394 MG/L
Sample Collected: Chemical:	12/18/2007 NITRATE (AS NO3)	Findings:	24 MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: 12/18/2007 Findings: .1 NTU
 Chemical: TURBIDITY, LABORATORY

Sample Collected: 12/19/2007 Findings: 1.4 UG/L
 Chemical: TOTAL TRIHALOMETHANES

Sample Collected: 12/18/2007 Findings: 2 PC/L
 Chemical: GROSS ALPHA MDA95

Sample Collected: 12/20/2007 Findings: 17 PC/L
 Chemical: RADON 222 COUNTING ERROR

Sample Collected: 12/20/2007 Findings: 428 PC/L
 Chemical: RADON 222

Sample Collected: 12/21/2007 Findings: 336 MG/L
 Chemical: TOTAL DISSOLVED SOLIDS

Sample Collected: 12/26/2007 Findings: 7.5 PC/L
 Chemical: GROSS ALPHA

Sample Collected: 12/26/2007 Findings: 2.7 PC/L
 Chemical: GROSS ALPHA COUNTING ERROR

Sample Collected: 12/26/2007 Findings: 18 UG/L
 Chemical: URANIUM (UG/L)

Sample Collected: 12/26/2007 Findings: 12 PC/L
 Chemical: URANIUM (PC/L)

Sample Collected: 12/28/2007 Findings: 364 MG/L
 Chemical: TOTAL DISSOLVED SOLIDS

Sample Collected: 12/26/2007 Findings: 26 MG/L
 Chemical: NITRATE (AS NO3)

Sample Collected: 05/13/2008 Findings: .28 NTU
 Chemical: TURBIDITY, LABORATORY

Sample Collected: 05/13/2008 Findings: 1.1 UG/L
 Chemical: TOTAL TRIHALOMETHANES

Sample Collected: 05/13/2008 Findings: 2 PC/L
 Chemical: GROSS ALPHA MDA95

Sample Collected: 05/16/2008 Findings: 366 MG/L
 Chemical: TOTAL DISSOLVED SOLIDS

Sample Collected: 05/23/2008 Findings: 372 MG/L
 Chemical: TOTAL DISSOLVED SOLIDS

Sample Collected: 06/03/2008 Findings: 8.9 PC/L
 Chemical: GROSS ALPHA

Sample Collected: 06/03/2008 Findings: 3.1 PC/L
 Chemical: GROSS ALPHA COUNTING ERROR

Sample Collected: 06/03/2008 Findings: 21 UG/L
 Chemical: URANIUM (UG/L)

Sample Collected: 06/03/2008 Findings: 14 PC/L
 Chemical: URANIUM (PC/L)

Sample Collected: 06/03/2008 Findings: 358 MG/L
 Chemical: TOTAL DISSOLVED SOLIDS

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: 06/03/2008 Findings: 23 MG/L
 Chemical: NITRATE (AS NO3)

Sample Collected: 06/03/2008 Findings: .1 NTU
 Chemical: TURBIDITY, LABORATORY

Sample Collected: 06/03/2008 Findings: .5 UG/L
 Chemical: TOTAL TRIHALOMETHANES

Sample Collected: 06/03/2008 Findings: 2 PC/L
 Chemical: GROSS ALPHA MDA95

Sample Collected: 12/03/2008 Findings: 11 PC/L
 Chemical: URANIUM (PC/L)

Sample Collected: 12/03/2008 Findings: 1.1 UG/L
 Chemical: BROMOFORM (THM)

Sample Collected: 12/03/2008 Findings: 1.5 UG/L
 Chemical: DIBROMOCHLOROMETHANE (THM)

Sample Collected: 12/03/2008 Findings: 402 MG/L
 Chemical: TOTAL DISSOLVED SOLIDS

Sample Collected: 12/03/2008 Findings: .6
 Chemical: LANGELIER INDEX @ 60 C

Sample Collected: 12/03/2008 Findings: 23 MG/L
 Chemical: NITRATE (AS NO3)

Sample Collected: 12/03/2008 Findings: 6200 UG/L
 Chemical: CARBON DIOXIDE

Sample Collected: 12/03/2008 Findings: .1 NTU
 Chemical: TURBIDITY, LABORATORY

Sample Collected: 12/03/2008 Findings: 3.4 UG/L
 Chemical: TOTAL TRIHALOMETHANES

Sample Collected: 12/03/2008 Findings: 12
 Chemical: AGGRSSIVE INDEX (CORROSIVITY)

Sample Collected: 12/03/2008 Findings: 5200 UG/L
 Chemical: NITRATE + NITRITE (AS N)

Sample Collected: 12/03/2008 Findings: 2 PC/L
 Chemical: GROSS ALPHA MDA95

Sample Collected: 12/05/2008 Findings: 426 MG/L
 Chemical: TOTAL DISSOLVED SOLIDS

Sample Collected: 12/09/2008 Findings: 11 PC/L
 Chemical: GROSS ALPHA

Sample Collected: 12/09/2008 Findings: 2.8 PC/L
 Chemical: GROSS ALPHA COUNTING ERROR

Sample Collected: 12/09/2008 Findings: 16 UG/L
 Chemical: URANIUM (UG/L)

Sample Collected: 12/09/2008 Findings: 11 PC/L
 Chemical: URANIUM (PC/L)

Sample Collected: 12/09/2008 Findings: 1.1 UG/L
 Chemical: DIBROMOCHLOROMETHANE (THM)

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	04/21/2009 GROSS ALPHA	Findings:	11.5 PCI/L
Sample Collected: Chemical:	04/21/2009 GROSS ALPHA COUNTING ERROR	Findings:	1.57 PCI/L
Sample Collected: Chemical:	04/24/2009 TOTAL DISSOLVED SOLIDS	Findings:	386 MG/L
Sample Collected: Chemical:	04/27/2009 GROSS ALPHA	Findings:	12 PCI/L
Sample Collected: Chemical:	04/27/2009 GROSS ALPHA COUNTING ERROR	Findings:	1.61 PCI/L
Sample Collected: Chemical:	05/01/2009 TOTAL DISSOLVED SOLIDS	Findings:	396 MG/L
Sample Collected: Chemical:	05/04/2009 GROSS ALPHA	Findings:	8.31 PCI/L
Sample Collected: Chemical:	05/04/2009 GROSS ALPHA COUNTING ERROR	Findings:	2.42 PCI/L
Sample Collected: Chemical:	05/04/2009 GROSS ALPHA	Findings:	6.4 PCI/L
Sample Collected: Chemical:	05/04/2009 GROSS ALPHA COUNTING ERROR	Findings:	2.3 PCI/L
Sample Collected: Chemical:	05/04/2009 URANIUM (UG/L)	Findings:	14 UG/L
Sample Collected: Chemical:	05/04/2009 URANIUM (PCI/L)	Findings:	9.4 PCI/L
Sample Collected: Chemical:	05/04/2009 TOTAL DISSOLVED SOLIDS	Findings:	382 MG/L
Sample Collected: Chemical:	05/04/2009 NITRATE (AS NO3)	Findings:	22 MG/L
Sample Collected: Chemical:	05/04/2009 TURBIDITY, LABORATORY	Findings:	.15 NTU
Sample Collected: Chemical:	05/04/2009 TOTAL TRIHALOMETHANES	Findings:	.6 UG/L
Sample Collected: Chemical:	05/04/2009 GROSS ALPHA MDA95	Findings:	2 PCI/L
Sample Collected: Chemical:	05/06/2009 TOTAL TRIHALOMETHANES	Findings:	1.8 UG/L
Sample Collected: Chemical:	10/20/2009 TURBIDITY, LABORATORY	Findings:	.094 NTU
Sample Collected: Chemical:	10/20/2009 TOTAL TRIHALOMETHANES	Findings:	1.1 UG/L
Sample Collected: Chemical:	10/20/2009 AGGRESSIVE INDEX (CORROSIVITY)	Findings:	13
Sample Collected: Chemical:	10/20/2009 NITRATE + NITRITE (AS N)	Findings:	6000 UG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	10/23/2009 TOTAL DISSOLVED SOLIDS	Findings:	390 MG/L
Sample Collected: Chemical:	10/27/2009 GROSS ALPHA	Findings:	8.3 PCI/L
Sample Collected: Chemical:	10/27/2009 URANIUM (UG/L)	Findings:	17 UG/L
Sample Collected: Chemical:	10/27/2009 URANIUM (PCI/L)	Findings:	11 PCI/L
Sample Collected: Chemical:	10/27/2009 TOTAL DISSOLVED SOLIDS	Findings:	380 MG/L
Sample Collected: Chemical:	10/27/2009 NITRATE (AS NO3)	Findings:	26 MG/L
Sample Collected: Chemical:	10/27/2009 TURBIDITY, LABORATORY	Findings:	.05 NTU
Sample Collected: Chemical:	01/10/2006 DIBROMOCHLOROPROPANE (DBCP)	Findings:	.018 UG/L
Sample Collected: Chemical:	01/10/2006 TOTAL DISSOLVED SOLIDS	Findings:	370 MG/L
Sample Collected: Chemical:	01/10/2006 NITRATE (AS NO3)	Findings:	25 MG/L
Sample Collected: Chemical:	01/10/2006 TURBIDITY, LABORATORY	Findings:	2 NTU
Sample Collected: Chemical:	01/10/2006 TOTAL TRIHALOMETHANES	Findings:	1.4 UG/L
Sample Collected: Chemical:	01/13/2006 TOTAL DISSOLVED SOLIDS	Findings:	372 MG/L
Sample Collected: Chemical:	01/17/2006 GROSS ALPHA	Findings:	4.8 PCI/L
Sample Collected: Chemical:	01/17/2006 GROSS ALPHA COUNTING ERROR	Findings:	2.3 PCI/L
Sample Collected: Chemical:	01/17/2006 URANIUM (UG/L)	Findings:	13 UG/L
Sample Collected: Chemical:	01/17/2006 URANIUM (PCI/L)	Findings:	8.7 PCI/L
Sample Collected: Chemical:	01/17/2006 DIBROMOCHLOROPROPANE (DBCP)	Findings:	.049 UG/L
Sample Collected: Chemical:	01/17/2006 TRICHLOROETHYLENE	Findings:	.6 UG/L
Sample Collected: Chemical:	01/17/2006 TOTAL DISSOLVED SOLIDS	Findings:	372 MG/L
Sample Collected: Chemical:	01/17/2006 NITRATE (AS NO3)	Findings:	24 MG/L
Sample Collected: Chemical:	06/06/2006 TURBIDITY, LABORATORY	Findings:	.4 NTU

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	06/06/2006 TOTAL TRIHALOMETHANES	Findings:	1 UG/L
Sample Collected: Chemical:	06/06/2006 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12
Sample Collected: Chemical:	06/09/2006 TOTAL DISSOLVED SOLIDS	Findings:	312 MG/L
Sample Collected: Chemical:	06/13/2006 GROSS ALPHA	Findings:	7.9 PC/L
Sample Collected: Chemical:	06/13/2006 GROSS ALPHA COUNTING ERROR	Findings:	2.8 PC/L
Sample Collected: Chemical:	06/13/2006 URANIUM (UG/L)	Findings:	11 UG/L
Sample Collected: Chemical:	06/13/2006 URANIUM (PC/L)	Findings:	7.4 PC/L
Sample Collected: Chemical:	06/13/2006 DIBROMOCHLOROPROPANE (DBCP)	Findings:	.014 UG/L
Sample Collected: Chemical:	06/13/2006 TOTAL DISSOLVED SOLIDS	Findings:	348 MG/L
Sample Collected: Chemical:	06/13/2006 NITRATE (AS NO3)	Findings:	21 MG/L
Sample Collected: Chemical:	06/13/2006 TURBIDITY, LABORATORY	Findings:	.15 NTU
Sample Collected: Chemical:	06/16/2006 TOTAL DISSOLVED SOLIDS	Findings:	344 MG/L
Sample Collected: Chemical:	06/20/2006 GROSS ALPHA	Findings:	9.8 PC/L
Sample Collected: Chemical:	06/20/2006 GROSS ALPHA COUNTING ERROR	Findings:	3.1 PC/L
Sample Collected: Chemical:	06/20/2006 URANIUM (UG/L)	Findings:	12 UG/L
Sample Collected: Chemical:	06/20/2006 URANIUM (PC/L)	Findings:	8 PC/L
Sample Collected: Chemical:	10/17/2006 BORON	Findings:	110 UG/L
Sample Collected: Chemical:	10/17/2006 VANADIUM	Findings:	6.6 UG/L
Sample Collected: Chemical:	10/17/2006 GROSS ALPHA	Findings:	6.1 PC/L
Sample Collected: Chemical:	10/17/2006 GROSS ALPHA COUNTING ERROR	Findings:	2.7 PC/L
Sample Collected: Chemical:	10/17/2006 URANIUM (UG/L)	Findings:	10 UG/L
Sample Collected: Chemical:	10/17/2006 URANIUM (PC/L)	Findings:	6.7 PC/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	10/17/2006 TOTAL DISSOLVED SOLIDS	Findings:	346 MG/L
Sample Collected: Chemical:	10/17/2006 LANGELLER INDEX @ 60 C	Findings:	.4
Sample Collected: Chemical:	10/17/2006 NITRATE (AS NO3)	Findings:	21 MG/L
Sample Collected: Chemical:	10/17/2006 CARBON DIOXIDE	Findings:	4700 UG/L
Sample Collected: Chemical:	10/17/2006 TURBIDITY, LABORATORY	Findings:	.15 NTU
Sample Collected: Chemical:	10/17/2006 TOTAL TRIHALOMETHANES	Findings:	.5 UG/L
Sample Collected: Chemical:	10/17/2006 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12
Sample Collected: Chemical:	10/17/2006 NITRATE + NITRITE (AS N)	Findings:	4800 UG/L
Sample Collected: Chemical:	10/20/2006 TOTAL DISSOLVED SOLIDS	Findings:	362 MG/L
Sample Collected: Chemical:	03/13/2007 TURBIDITY, LABORATORY	Findings:	2 NTU
Sample Collected: Chemical:	03/13/2007 TOTAL TRIHALOMETHANES	Findings:	.8 UG/L
Sample Collected: Chemical:	03/15/2007 SPECIFIC CONDUCTANCE	Findings:	570 US
Sample Collected: Chemical:	03/15/2007 PH, LABORATORY	Findings:	7.8
Sample Collected: Chemical:	03/15/2007 ALKALINITY (TOTAL) AS CaCO3	Findings:	168 MG/L
Sample Collected: Chemical:	03/15/2007 BICARBONATE ALKALINITY	Findings:	200 MG/L
Sample Collected: Chemical:	03/15/2007 HARDNESS (TOTAL) AS CaCO3	Findings:	190 MG/L
Sample Collected: Chemical:	03/15/2007 CALCIUM	Findings:	61 MG/L
Sample Collected: Chemical:	03/15/2007 MAGNESIUM	Findings:	10 MG/L
Sample Collected: Chemical:	03/15/2007 COPPER	Findings:	73 UG/L
Sample Collected: Chemical:	03/15/2007 TOTAL DISSOLVED SOLIDS	Findings:	378 MG/L
Sample Collected: Chemical:	03/15/2007 LANGELLER INDEX @ 60 C	Findings:	.4
Sample Collected: Chemical:	03/15/2007 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	03/16/2007 TOTAL DISSOLVED SOLIDS	Findings:	382 MG/L
Sample Collected: Chemical:	03/20/2007 GROSS ALPHA	Findings:	4.1 PCI/L
Sample Collected: Chemical:	03/20/2007 GROSS ALPHA COUNTING ERROR	Findings:	2.3 PCI/L
Sample Collected: Chemical:	03/20/2007 URANIUM (UG/L)	Findings:	9 UG/L
Sample Collected: Chemical:	03/20/2007 URANIUM (PCI/L)	Findings:	6 PCI/L
Sample Collected: Chemical:	03/20/2007 TOTAL DISSOLVED SOLIDS	Findings:	350 MG/L
Sample Collected: Chemical:	03/20/2007 NITRATE (AS NO3)	Findings:	24 MG/L
Sample Collected: Chemical:	03/20/2007 TOTAL TRIHALOMETHANES	Findings:	1.2 UG/L
Sample Collected: Chemical:	03/21/2007 RADON 222 COUNTING ERROR	Findings:	17 PCI/L
Sample Collected: Chemical:	03/21/2007 RADON 222	Findings:	389 PCI/L
Sample Collected: Chemical:	03/23/2007 TOTAL DISSOLVED SOLIDS	Findings:	374 MG/L
Sample Collected: Chemical:	07/31/2007 DIBROMOCHLOROPROPANE (DBCP)	Findings:	.016 UG/L
Sample Collected: Chemical:	07/31/2007 TOTAL DISSOLVED SOLIDS	Findings:	388 MG/L
Sample Collected: Chemical:	07/31/2007 NITRATE (AS NO3)	Findings:	24 MG/L
Sample Collected: Chemical:	07/31/2007 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	07/31/2007 TOTAL TRIHALOMETHANES	Findings:	1.4 UG/L
Sample Collected: Chemical:	07/31/2007 GROSS ALPHA MDA95	Findings:	2 PCI/L
Sample Collected: Chemical:	08/03/2007 TOTAL DISSOLVED SOLIDS	Findings:	358 MG/L
Sample Collected: Chemical:	08/07/2007 RADIUM 226 COUNTING ERROR	Findings:	.247 PCI/L
Sample Collected: Chemical:	08/07/2007 GROSS ALPHA	Findings:	7.7 PCI/L
Sample Collected: Chemical:	08/07/2007 GROSS ALPHA COUNTING ERROR	Findings:	3.1 PCI/L
Sample Collected: Chemical:	08/07/2007 RADIUM 228 COUNTING ERROR	Findings:	.3 PCI/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	08/07/2007 URANIUM (UG/L)	Findings:	11 UG/L
Sample Collected: Chemical:	08/07/2007 URANIUM (PCI/L)	Findings:	7.4 PCI/L
Sample Collected: Chemical:	08/07/2007 DIBROMOCHLOROPROPANE (DBCP)	Findings:	.012 UG/L
Sample Collected: Chemical:	08/07/2007 TOTAL DISSOLVED SOLIDS	Findings:	366 MG/L
Sample Collected: Chemical:	08/07/2007 NITRATE (AS NO3)	Findings:	25 MG/L
Sample Collected: Chemical:	12/26/2007 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	12/26/2007 TOTAL TRIHALOMETHANES	Findings:	1.4 UG/L
Sample Collected: Chemical:	12/26/2007 GROSS ALPHA MDA95	Findings:	2 PCI/L
Sample Collected: Chemical:	12/28/2007 TOTAL DISSOLVED SOLIDS	Findings:	370 MG/L
Sample Collected: Chemical:	01/02/2008 GROSS ALPHA	Findings:	5.7 PCI/L
Sample Collected: Chemical:	01/02/2008 GROSS ALPHA COUNTING ERROR	Findings:	2.5 PCI/L
Sample Collected: Chemical:	01/02/2008 URANIUM (UG/L)	Findings:	17 UG/L
Sample Collected: Chemical:	01/02/2008 URANIUM (PCI/L)	Findings:	11 PCI/L
Sample Collected: Chemical:	01/02/2008 TOTAL DISSOLVED SOLIDS	Findings:	374 MG/L
Sample Collected: Chemical:	01/02/2008 NITRATE (AS NO3)	Findings:	24 MG/L
Sample Collected: Chemical:	01/02/2008 TURBIDITY, LABORATORY	Findings:	.15 NTU
Sample Collected: Chemical:	01/02/2008 TOTAL TRIHALOMETHANES	Findings:	1.7 UG/L
Sample Collected: Chemical:	01/02/2008 GROSS ALPHA MDA95	Findings:	2 PCI/L
Sample Collected: Chemical:	01/04/2008 TOTAL DISSOLVED SOLIDS	Findings:	370 MG/L
Sample Collected: Chemical:	01/15/2008 GROSS ALPHA	Findings:	6.9 PCI/L
Sample Collected: Chemical:	01/15/2008 GROSS ALPHA COUNTING ERROR	Findings:	2.6 PCI/L
Sample Collected: Chemical:	01/15/2008 URANIUM (UG/L)	Findings:	13 UG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	01/15/2008 URANIUM (PC/L)	Findings:	8.7 PC/L
Sample Collected: Chemical:	06/09/2008 TOTAL TRIHALOMETHANES	Findings:	1.8 UG/L
Sample Collected: Chemical:	06/10/2008 CHROMIUM, HEXAVALENT	Findings:	2.3 UG/L
Sample Collected: Chemical:	06/10/2008 GROSS ALPHA	Findings:	4.7 PC/L
Sample Collected: Chemical:	06/10/2008 GROSS ALPHA COUNTING ERROR	Findings:	2.1 PC/L
Sample Collected: Chemical:	06/10/2008 URANIUM (UG/L)	Findings:	19 UG/L
Sample Collected: Chemical:	06/10/2008 URANIUM (PC/L)	Findings:	13 PC/L
Sample Collected: Chemical:	06/10/2008 TOTAL DISSOLVED SOLIDS	Findings:	364 MG/L
Sample Collected: Chemical:	06/10/2008 NITRATE (AS NO3)	Findings:	24 MG/L
Sample Collected: Chemical:	06/10/2008 TURBIDITY, LABORATORY	Findings:	.15 NTU
Sample Collected: Chemical:	06/10/2008 NITRATE + NITRITE (AS N)	Findings:	5500 UG/L
Sample Collected: Chemical:	06/10/2008 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	06/24/2008 RADON 222 COUNTING ERROR	Findings:	14 PC/L
Sample Collected: Chemical:	06/24/2008 RADON 222	Findings:	269 PC/L
Sample Collected: Chemical:	07/22/2008 GROSS ALPHA	Findings:	6.4 PC/L
Sample Collected: Chemical:	07/22/2008 GROSS ALPHA COUNTING ERROR	Findings:	2.4 PC/L
Sample Collected: Chemical:	07/22/2008 URANIUM (UG/L)	Findings:	18 UG/L
Sample Collected: Chemical:	07/22/2008 URANIUM (PC/L)	Findings:	12 PC/L
Sample Collected: Chemical:	12/09/2008 TOTAL DISSOLVED SOLIDS	Findings:	404 MG/L
Sample Collected: Chemical:	12/09/2008 NITRATE (AS NO3)	Findings:	23 MG/L
Sample Collected: Chemical:	12/09/2008 TURBIDITY, LABORATORY	Findings:	.2 NTU
Sample Collected: Chemical:	12/09/2008 TOTAL TRIHALOMETHANES	Findings:	2.6 UG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	12/09/2008 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	12/12/2008 TOTAL DISSOLVED SOLIDS	Findings:	368 MG/L
Sample Collected: Chemical:	12/16/2008 GROSS ALPHA	Findings:	7.2 PC/L
Sample Collected: Chemical:	12/16/2008 GROSS ALPHA COUNTING ERROR	Findings:	2.6 PC/L
Sample Collected: Chemical:	12/16/2008 URANIUM (UG/L)	Findings:	16 UG/L
Sample Collected: Chemical:	12/16/2008 URANIUM (PC/L)	Findings:	11 PC/L
Sample Collected: Chemical:	12/16/2008 DIBROMOCHLOROMETHANE (THM)	Findings:	1.4 UG/L
Sample Collected: Chemical:	12/16/2008 TOTAL DISSOLVED SOLIDS	Findings:	388 MG/L
Sample Collected: Chemical:	12/16/2008 NITRATE (AS NO3)	Findings:	25 MG/L
Sample Collected: Chemical:	05/08/2009 TOTAL DISSOLVED SOLIDS	Findings:	392 MG/L
Sample Collected: Chemical:	05/12/2009 GROSS ALPHA	Findings:	7.06 PC/L
Sample Collected: Chemical:	05/12/2009 GROSS ALPHA COUNTING ERROR	Findings:	2.46 PC/L
Sample Collected: Chemical:	05/12/2009 URANIUM (UG/L)	Findings:	11 UG/L
Sample Collected: Chemical:	05/12/2009 URANIUM (PC/L)	Findings:	7.4 PC/L
Sample Collected: Chemical:	05/12/2009 TOTAL DISSOLVED SOLIDS	Findings:	384 MG/L
Sample Collected: Chemical:	05/12/2009 NITRATE (AS NO3)	Findings:	23 MG/L
Sample Collected: Chemical:	05/12/2009 TURBIDITY, LABORATORY	Findings:	.15 NTU
Sample Collected: Chemical:	05/12/2009 TOTAL TRIHALOMETHANES	Findings:	1.4 UG/L
Sample Collected: Chemical:	05/15/2009 TOTAL DISSOLVED SOLIDS	Findings:	400 MG/L
Sample Collected: Chemical:	05/19/2009 GROSS ALPHA	Findings:	8.4 PC/L
Sample Collected: Chemical:	05/19/2009 GROSS ALPHA COUNTING ERROR	Findings:	2.4 PC/L
Sample Collected: Chemical:	05/19/2009 URANIUM (UG/L)	Findings:	15 UG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: 05/19/2009 10 PC/L Findings:
 Chemical: URANIUM (PCI/L)
 Sample Collected: 10/30/2009 390 MG/L Findings:
 Chemical: TOTAL DISSOLVED SOLIDS
 Sample Collected: 11/03/2009 5.8 PC/L Findings:
 Chemical: GROSS ALPHA
 Sample Collected: 11/03/2009 14 UG/L Findings:
 Chemical: URANIUM (UG/L)
 Sample Collected: 11/03/2009 9.2 PC/L Findings:
 Chemical: URANIUM (PCI/L)
 Sample Collected: 11/03/2009 420 MG/L Findings:
 Chemical: TOTAL DISSOLVED SOLIDS
 Sample Collected: 11/03/2009 23 MG/L Findings:
 Chemical: NITRATE (AS NO3)
 Sample Collected: 11/03/2009 .055 NTU Findings:
 Chemical: TURBIDITY, LABORATORY
 Sample Collected: 11/03/2009 1.5 UG/L Findings:
 Chemical: TOTAL TRIHALOMETHANES
 Sample Collected: 11/05/2009 1.6 UG/L Findings:
 Chemical: TOTAL TRIHALOMETHANES
 Sample Collected: 11/05/2009 1.1 UG/L Findings:
 Chemical: TRICHLOROACETIC ACID (TCAA)
 Sample Collected: 11/06/2009 360 MG/L Findings:
 Chemical: TOTAL DISSOLVED SOLIDS
 Sample Collected: 01/17/2006 .25 NTU Findings:
 Chemical: TURBIDITY, LABORATORY
 Sample Collected: 01/17/2006 1.5 UG/L Findings:
 Chemical: TOTAL TRIHALOMETHANES
 Sample Collected: 01/20/2006 374 MG/L Findings:
 Chemical: TOTAL DISSOLVED SOLIDS
 Sample Collected: 01/24/2006 4.6 PC/L Findings:
 Chemical: GROSS ALPHA
 Sample Collected: 01/24/2006 2.3 PC/L Findings:
 Chemical: GROSS ALPHA COUNTING ERROR
 Sample Collected: 01/24/2006 14 UG/L Findings:
 Chemical: URANIUM (UG/L)
 Sample Collected: 01/24/2006 9.4 PC/L Findings:
 Chemical: URANIUM (PCI/L)
 Sample Collected: 01/24/2006 .039 UG/L Findings:
 Chemical: DIBROMOCHLOROPROPANE (DBCP)
 Sample Collected: 01/24/2006 356 MG/L Findings:
 Chemical: TOTAL DISSOLVED SOLIDS
 Sample Collected: 01/24/2006 24 MG/L Findings:
 Chemical: NITRATE (AS NO3)

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: 01/24/2006 .15 NTU Findings:
 Chemical: TURBIDITY, LABORATORY
 Sample Collected: 01/24/2006 1.6 UG/L Findings:
 Chemical: TOTAL TRIHALOMETHANES
 Sample Collected: 01/27/2006 368 MG/L Findings:
 Chemical: TOTAL DISSOLVED SOLIDS
 Sample Collected: 06/20/2006 .012 UG/L Findings:
 Chemical: DIBROMOCHLOROPROPANE (DBCP)
 Sample Collected: 06/20/2006 384 MG/L Findings:
 Chemical: TOTAL DISSOLVED SOLIDS
 Sample Collected: 06/20/2006 24 MG/L Findings:
 Chemical: NITRATE (AS NO3)
 Sample Collected: 06/20/2006 .1 NTU Findings:
 Chemical: TURBIDITY, LABORATORY
 Sample Collected: 06/20/2006 .6 UG/L Findings:
 Chemical: TOTAL TRIHALOMETHANES
 Sample Collected: 06/23/2006 314 MG/L Findings:
 Chemical: TOTAL DISSOLVED SOLIDS
 Sample Collected: 06/27/2006 6.8 PC/L Findings:
 Chemical: GROSS ALPHA
 Sample Collected: 06/27/2006 2.7 PC/L Findings:
 Chemical: GROSS ALPHA COUNTING ERROR
 Sample Collected: 06/27/2006 12 UG/L Findings:
 Chemical: URANIUM (UG/L)
 Sample Collected: 06/27/2006 8 PC/L Findings:
 Chemical: URANIUM (PCI/L)
 Sample Collected: 06/27/2006 .011 UG/L Findings:
 Chemical: DIBROMOCHLOROPROPANE (DBCP)
 Sample Collected: 10/24/2006 8 PC/L Findings:
 Chemical: GROSS ALPHA
 Sample Collected: 10/24/2006 3 PC/L Findings:
 Chemical: GROSS ALPHA COUNTING ERROR
 Sample Collected: 10/24/2006 13 UG/L Findings:
 Chemical: URANIUM (UG/L)
 Sample Collected: 10/24/2006 8.7 PC/L Findings:
 Chemical: URANIUM (PCI/L)
 Sample Collected: 10/24/2006 372 MG/L Findings:
 Chemical: TOTAL DISSOLVED SOLIDS
 Sample Collected: 10/24/2006 23 MGL Findings:
 Chemical: NITRATE (AS NO3)
 Sample Collected: 10/24/2006 .15 NTU Findings:
 Chemical: TURBIDITY, LABORATORY
 Sample Collected: 10/24/2006 .6 UG/L Findings:
 Chemical: TOTAL TRIHALOMETHANES

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: 10/27/2006 Findings: 372 MG/L
 Chemical: TOTAL DISSOLVED SOLIDS

Sample Collected: 10/31/2006 Findings: 8.4 PC/L
 Chemical: GROSS ALPHA

Sample Collected: 10/31/2006 Findings: 3.2 PC/L
 Chemical: GROSS ALPHA COUNTING ERROR

Sample Collected: 10/31/2006 Findings: 13 UG/L
 Chemical: URANIUM (UG/L)

Sample Collected: 10/31/2006 Findings: 8.7 PC/L
 Chemical: URANIUM (PC/L)

Sample Collected: 03/27/2007 Findings: 6.4 PC/L
 Chemical: GROSS ALPHA

Sample Collected: 03/27/2007 Findings: 3 PC/L
 Chemical: GROSS ALPHA COUNTING ERROR

Sample Collected: 03/27/2007 Findings: 7.9 UG/L
 Chemical: URANIUM (UG/L)

Sample Collected: 03/27/2007 Findings: 5.3 PC/L
 Chemical: URANIUM (PC/L)

Sample Collected: 03/27/2007 Findings: 350 MG/L
 Chemical: TOTAL DISSOLVED SOLIDS

Sample Collected: 03/27/2007 Findings: 23 MG/L
 Chemical: NITRATE (AS NO3)

Sample Collected: 03/27/2007 Findings: .7 UG/L
 Chemical: TOTAL TRIHALOMETHANES

Sample Collected: 03/30/2007 Findings: 334 MG/L
 Chemical: TOTAL DISSOLVED SOLIDS

Sample Collected: 04/03/2007 Findings: .65 MG/L
 Chemical: FLUORIDE (F) (NATURAL-SOURCE)

Sample Collected: 04/03/2007 Findings: 2.2 UG/L
 Chemical: ARSENIC

Sample Collected: 04/03/2007 Findings: 110 UG/L
 Chemical: BORON

Sample Collected: 04/03/2007 Findings: 1.8 PC/L
 Chemical: GROSS ALPHA COUNTING ERROR

Sample Collected: 04/03/2007 Findings: 7.3 UG/L
 Chemical: URANIUM (UG/L)

Sample Collected: 04/03/2007 Findings: 4.9 PC/L
 Chemical: URANIUM (PC/L)

Sample Collected: 08/07/2007 Findings: .15 NTU
 Chemical: TURBIDITY, LABORATORY

Sample Collected: 08/07/2007 Findings: 5700 UG/L
 Chemical: NITRATE + NITRITE (AS N)

Sample Collected: 08/07/2007 Findings: 2 PC/L
 Chemical: GROSS ALPHA MDA95

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: 08/07/2007 Findings: 1 PC/L
 Chemical: RADIUM 228 MDA95

Sample Collected: 08/10/2007 Findings: 386 MG/L
 Chemical: TOTAL DISSOLVED SOLIDS

Sample Collected: 08/14/2007 Findings: 7.5 PC/L
 Chemical: GROSS ALPHA

Sample Collected: 08/14/2007 Findings: 3 PC/L
 Chemical: GROSS ALPHA COUNTING ERROR

Sample Collected: 08/14/2007 Findings: 14 UG/L
 Chemical: URANIUM (UG/L)

Sample Collected: 08/14/2007 Findings: 9.4 PC/L
 Chemical: URANIUM (PC/L)

Sample Collected: 08/14/2007 Findings: 370 MG/L
 Chemical: TOTAL DISSOLVED SOLIDS

Sample Collected: 08/14/2007 Findings: 24 MG/L
 Chemical: NITRATE (AS NO3)

Sample Collected: 08/14/2007 Findings: .55 NTU
 Chemical: TURBIDITY, LABORATORY

Sample Collected: 08/14/2007 Findings: 1.3 UG/L
 Chemical: TOTAL TRIHALOMETHANES

Sample Collected: 08/14/2007 Findings: 2 PC/L
 Chemical: GROSS ALPHA MDA95

Sample Collected: 08/17/2007 Findings: 378 MG/L
 Chemical: TOTAL DISSOLVED SOLIDS

Sample Collected: 08/21/2007 Findings: 7 PC/L
 Chemical: GROSS ALPHA

Sample Collected: 08/21/2007 Findings: 2.9 PC/L
 Chemical: GROSS ALPHA COUNTING ERROR

Sample Collected: 08/21/2007 Findings: 14 UG/L
 Chemical: URANIUM (UG/L)

Sample Collected: 08/21/2007 Findings: 9.4 PC/L
 Chemical: URANIUM (PC/L)

Sample Collected: 01/15/2008 Findings: 362 MG/L
 Chemical: TOTAL DISSOLVED SOLIDS

Sample Collected: 01/15/2008 Findings: 25 MG/L
 Chemical: NITRATE (AS NO3)

Sample Collected: 01/15/2008 Findings: 2 NTU
 Chemical: TURBIDITY, LABORATORY

Sample Collected: 01/15/2008 Findings: 1.4 UG/L
 Chemical: TOTAL TRIHALOMETHANES

Sample Collected: 01/15/2008 Findings: 2 PC/L
 Chemical: GROSS ALPHA MDA95

Sample Collected: 01/18/2008 Findings: 370 MG/L
 Chemical: TOTAL DISSOLVED SOLIDS

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	01/22/2008 GROSS ALPHA	Findings:	7 PCI/L
Sample Collected: Chemical:	01/22/2008 GROSS ALPHA COUNTING ERROR	Findings:	2.9 PCI/L
Sample Collected: Chemical:	01/22/2008 URANIUM (UG/L)	Findings:	14 UG/L
Sample Collected: Chemical:	01/22/2008 URANIUM (PCI/L)	Findings:	9.4 PCI/L
Sample Collected: Chemical:	07/22/2008 TOTAL DISSOLVED SOLIDS	Findings:	384 MG/L
Sample Collected: Chemical:	07/22/2008 NITRATE (AS NO3)	Findings:	25 MG/L
Sample Collected: Chemical:	07/23/2008 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	07/22/2008 TOTAL TRIHALOMETHANES	Findings:	.5 UG/L
Sample Collected: Chemical:	07/22/2008 GROSS ALPHA MDA95	Findings:	2 PCI/L
Sample Collected: Chemical:	07/29/2008 GROSS ALPHA	Findings:	6.2 PCI/L
Sample Collected: Chemical:	07/29/2008 GROSS ALPHA COUNTING ERROR	Findings:	2.31 PCI/L
Sample Collected: Chemical:	07/29/2008 URANIUM (UG/L)	Findings:	18 UG/L
Sample Collected: Chemical:	07/29/2008 URANIUM (PCI/L)	Findings:	12 PCI/L
Sample Collected: Chemical:	07/29/2008 TOTAL DISSOLVED SOLIDS	Findings:	378 MG/L
Sample Collected: Chemical:	07/29/2008 NITRATE (AS NO3)	Findings:	25 MG/L
Sample Collected: Chemical:	12/16/2008 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	12/16/2008 TOTAL TRIHALOMETHANES	Findings:	3 UG/L
Sample Collected: Chemical:	12/16/2008 GROSS ALPHA MDA95	Findings:	2 PCI/L
Sample Collected: Chemical:	12/19/2008 TOTAL DISSOLVED SOLIDS	Findings:	412 MG/L
Sample Collected: Chemical:	12/24/2008 TOTAL DISSOLVED SOLIDS	Findings:	404 MG/L
Sample Collected: Chemical:	12/31/2008 TOTAL DISSOLVED SOLIDS	Findings:	410 MG/L
Sample Collected: Chemical:	01/06/2009 RADIUM 226 COUNTING ERROR	Findings:	.664 PCI/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	01/06/2009 RADIUM 228 COUNTING ERROR	Findings:	25 PCI/L
Sample Collected: Chemical:	01/06/2009 SPECIFIC CONDUCTANCE	Findings:	655 US
Sample Collected: Chemical:	01/06/2009 PH, LABORATORY	Findings:	7.4
Sample Collected: Chemical:	01/06/2009 ALKALINITY (TOTAL) AS CaCO3	Findings:	177 MG/L
Sample Collected: Chemical:	01/06/2009 BICARBONATE ALKALINITY	Findings:	216 MG/L
Sample Collected: Chemical:	01/06/2009 HARDNESS (TOTAL) AS CaCO3	Findings:	225 MG/L
Sample Collected: Chemical:	01/06/2009 CALCIUM	Findings:	72 MGL
Sample Collected: Chemical:	01/06/2009 MAGNESIUM	Findings:	11 MGL
Sample Collected: Chemical:	01/06/2009 SODIUM	Findings:	41 MGL
Sample Collected: Chemical:	01/06/2009 POTASSIUM	Findings:	2.9 MG/L
Sample Collected: Chemical:	01/06/2009 CHLORIDE	Findings:	36 MGL
Sample Collected: Chemical:	01/06/2009 FLUORIDE (F) (NATURAL-SOURCE)	Findings:	.53 MG/L
Sample Collected: Chemical:	01/06/2009 BORON	Findings:	110 UG/L
Sample Collected: Chemical:	01/06/2009 CHROMIUM, HEXAVALENT	Findings:	1.9 UG/L
Sample Collected: Chemical:	01/06/2009 VANADIUM	Findings:	6.3 UG/L
Sample Collected: Chemical:	01/06/2009 GROSS ALPHA COUNTING ERROR	Findings:	1.7 PCI/L
Sample Collected: Chemical:	01/06/2009 URANIUM (UG/L)	Findings:	19 UG/L
Sample Collected: Chemical:	01/06/2009 URANIUM (PCI/L)	Findings:	13 PCI/L
Sample Collected: Chemical:	05/19/2009 TOTAL DISSOLVED SOLIDS	Findings:	396 MG/L
Sample Collected: Chemical:	05/19/2009 NITRATE (AS NO3)	Findings:	24 MGL
Sample Collected: Chemical:	05/19/2009 TURBIDITY, LABORATORY	Findings:	.05 NTU
Sample Collected: Chemical:	05/19/2009 TOTAL TRIHALOMETHANES	Findings:	1.4 UG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: 05/19/2009 Findings: 2 PC/L
 Chemical: GROSS ALPHA MDA95

Sample Collected: 05/22/2009 Findings: 390 MG/L
 Chemical: TOTAL DISSOLVED SOLIDS

Sample Collected: 05/26/2009 Findings: 8.73 PC/L
 Chemical: GROSS ALPHA

Sample Collected: 05/26/2009 Findings: 1.63 PC/L
 Chemical: GROSS ALPHA COUNTING ERROR

Sample Collected: 05/26/2009 Findings: 15 UG/L
 Chemical: URANIUM (UG/L)

Sample Collected: 05/26/2009 Findings: 10 PC/L
 Chemical: URANIUM (PC/L)

Sample Collected: 05/26/2009 Findings: 1.1 UG/L
 Chemical: DIBROMOCHLOROMETHANE (THM)

Sample Collected: 05/26/2009 Findings: 398 MG/L
 Chemical: TOTAL DISSOLVED SOLIDS

Sample Collected: 05/26/2009 Findings: 23 MG/L
 Chemical: NITRATE (AS NO3)

Sample Collected: 11/10/2009 Findings: 6.5 PC/L
 Chemical: GROSS ALPHA

Sample Collected: 11/10/2009 Findings: 13 UG/L
 Chemical: URANIUM (UG/L)

Sample Collected: 11/10/2009 Findings: 8.8 PC/L
 Chemical: URANIUM (PC/L)

Sample Collected: 11/10/2009 Findings: 350 MG/L
 Chemical: TOTAL DISSOLVED SOLIDS

Sample Collected: 11/10/2009 Findings: 23 MG/L
 Chemical: NITRATE (AS NO3)

Sample Collected: 11/10/2009 Findings: .35 NTU
 Chemical: TURBIDITY, LABORATORY

Sample Collected: 11/10/2009 Findings: 1.2 UG/L
 Chemical: TOTAL TRIHALOMETHANES

Sample Collected: 11/13/2009 Findings: 360 MG/L
 Chemical: TOTAL DISSOLVED SOLIDS

Sample Collected: 11/20/2009 Findings: 370 MG/L
 Chemical: TOTAL DISSOLVED SOLIDS

Sample Collected: 11/27/2009 Findings: 370 MG/L
 Chemical: TOTAL DISSOLVED SOLIDS

Sample Collected: 12/04/2009 Findings: 390 MG/L
 Chemical: TOTAL DISSOLVED SOLIDS

Sample Collected: 01/31/2006 Findings: 11 PC/L
 Chemical: GROSS ALPHA

Sample Collected: 01/31/2006 Findings: 3.2 PC/L
 Chemical: GROSS ALPHA COUNTING ERROR

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: 01/31/2006 Findings: 13 UG/L
 Chemical: URANIUM (UG/L)

Sample Collected: 01/31/2006 Findings: 8.7 PC/L
 Chemical: URANIUM (PC/L)

Sample Collected: 01/31/2006 Findings: .053 UG/L
 Chemical: DIBROMOCHLOROPROPANE (DBCP)

Sample Collected: 01/31/2006 Findings: 360 MG/L
 Chemical: TOTAL DISSOLVED SOLIDS

Sample Collected: 01/31/2006 Findings: 24 MG/L
 Chemical: NITRATE (AS NO3)

Sample Collected: 01/31/2006 Findings: .1 NTU
 Chemical: TURBIDITY, LABORATORY

Sample Collected: 01/31/2006 Findings: 1.3 UG/L
 Chemical: TOTAL TRIHALOMETHANES

Sample Collected: 02/03/2006 Findings: 560 MG/L
 Chemical: TOTAL DISSOLVED SOLIDS

Sample Collected: 02/07/2006 Findings: 2 TON
 Chemical: ODOR THRESHOLD @ 60 C

Sample Collected: 02/07/2006 Findings: 9.3 PC/L
 Chemical: GROSS ALPHA

Sample Collected: 02/07/2006 Findings: 2.7 PC/L
 Chemical: GROSS ALPHA COUNTING ERROR

Sample Collected: 02/07/2006 Findings: 13 UG/L
 Chemical: URANIUM (UG/L)

Sample Collected: 02/07/2006 Findings: 8.7 PC/L
 Chemical: URANIUM (PC/L)

Sample Collected: 06/27/2006 Findings: 374 MG/L
 Chemical: TOTAL DISSOLVED SOLIDS

Sample Collected: 06/27/2006 Findings: 24 MG/L
 Chemical: NITRATE (AS NO3)

Sample Collected: 06/27/2006 Findings: .1 NTU
 Chemical: TURBIDITY, LABORATORY

Sample Collected: 06/27/2006 Findings: 1.3 UG/L
 Chemical: TOTAL TRIHALOMETHANES

Sample Collected: 06/30/2006 Findings: 376 MG/L
 Chemical: TOTAL DISSOLVED SOLIDS

Sample Collected: 07/04/2006 Findings: 9.5 PC/L
 Chemical: GROSS ALPHA

Sample Collected: 07/04/2006 Findings: 3 PC/L
 Chemical: GROSS ALPHA COUNTING ERROR

Sample Collected: 07/04/2006 Findings: 11 UG/L
 Chemical: URANIUM (UG/L)

Sample Collected: 07/04/2006 Findings: 7.4 PC/L
 Chemical: URANIUM (PC/L)

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	07/04/2006 TOTAL DISSOLVED SOLIDS	Findings:	340 MG/L
Sample Collected: Chemical:	07/04/2006 NITRATE (AS NO3)	Findings:	25 MG/L
Sample Collected: Chemical:	07/04/2006 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	07/04/2006 TOTAL TRIHALOMETHANES	Findings:	1.1 UG/L
Sample Collected: Chemical:	10/31/2006 TOTAL DISSOLVED SOLIDS	Findings:	330 MG/L
Sample Collected: Chemical:	10/31/2006 NITRATE (AS NO3)	Findings:	20 MG/L
Sample Collected: Chemical:	10/31/2006 TURBIDITY, LABORATORY	Findings:	.35 NTU
Sample Collected: Chemical:	10/31/2006 TOTAL TRIHALOMETHANES	Findings:	.6 UG/L
Sample Collected: Chemical:	11/03/2006 TOTAL DISSOLVED SOLIDS	Findings:	344 MG/L
Sample Collected: Chemical:	11/07/2006 RADIUM 226 COUNTING ERROR	Findings:	.255 PCI/L
Sample Collected: Chemical:	11/07/2006 RADIUM 228 COUNTING ERROR	Findings:	.428 PCI/L
Sample Collected: Chemical:	11/07/2006 GROSS ALPHA	Findings:	9.5 PCI/L
Sample Collected: Chemical:	11/07/2006 GROSS ALPHA COUNTING ERROR	Findings:	3.2 PCI/L
Sample Collected: Chemical:	11/07/2006 URANIUM (UG/L)	Findings:	12 UG/L
Sample Collected: Chemical:	11/07/2006 URANIUM (PCI/L)	Findings:	8 PCI/L
Sample Collected: Chemical:	11/07/2006 TOTAL DISSOLVED SOLIDS	Findings:	326 MG/L
Sample Collected: Chemical:	11/07/2006 NITRATE (AS NO3)	Findings:	22 MG/L
Sample Collected: Chemical:	04/03/2007 TOTAL DISSOLVED SOLIDS	Findings:	346 MG/L
Sample Collected: Chemical:	04/03/2007 NITRATE (AS NO3)	Findings:	23 MG/L
Sample Collected: Chemical:	04/03/2007 TURBIDITY, LABORATORY	Findings:	.05 NTU
Sample Collected: Chemical:	04/03/2007 TOTAL TRIHALOMETHANES	Findings:	1.3 UG/L
Sample Collected: Chemical:	04/03/2007 NITRATE + NITRITE (AS N)	Findings:	5200 UG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	04/03/2007 GROSS ALPHA MDA95	Findings:	3 PCI/L
Sample Collected: Chemical:	04/06/2007 TOTAL DISSOLVED SOLIDS	Findings:	344 MG/L
Sample Collected: Chemical:	04/10/2007 GROSS ALPHA	Findings:	3.4 PCI/L
Sample Collected: Chemical:	04/10/2007 GROSS ALPHA COUNTING ERROR	Findings:	2.1 PCI/L
Sample Collected: Chemical:	04/10/2007 URANIUM (UG/L)	Findings:	5.8 UG/L
Sample Collected: Chemical:	04/10/2007 URANIUM (PCI/L)	Findings:	3.9 PCI/L
Sample Collected: Chemical:	04/10/2007 TOTAL DISSOLVED SOLIDS	Findings:	314 MG/L
Sample Collected: Chemical:	04/10/2007 NITRATE (AS NO3)	Findings:	21 MG/L
Sample Collected: Chemical:	08/21/2007 TOTAL DISSOLVED SOLIDS	Findings:	376 MG/L
Sample Collected: Chemical:	08/21/2007 NITRATE (AS NO3)	Findings:	24 MG/L
Sample Collected: Chemical:	08/21/2007 TURBIDITY, LABORATORY	Findings:	.2 NTU
Sample Collected: Chemical:	08/21/2007 TOTAL TRIHALOMETHANES	Findings:	.7 UG/L
Sample Collected: Chemical:	08/21/2007 GROSS ALPHA MDA95	Findings:	2 PCI/L
Sample Collected: Chemical:	08/24/2007 TOTAL DISSOLVED SOLIDS	Findings:	366 MG/L
Sample Collected: Chemical:	08/28/2007 GROSS ALPHA	Findings:	4.2 PCI/L
Sample Collected: Chemical:	08/28/2007 GROSS ALPHA COUNTING ERROR	Findings:	2.4 PCI/L
Sample Collected: Chemical:	08/28/2007 URANIUM (UG/L)	Findings:	14 UG/L
Sample Collected: Chemical:	08/28/2007 URANIUM (PCI/L)	Findings:	9.4 PCI/L
Sample Collected: Chemical:	08/28/2007 TOTAL DISSOLVED SOLIDS	Findings:	380 MG/L
Sample Collected: Chemical:	01/22/2008 TOTAL DISSOLVED SOLIDS	Findings:	340 MG/L
Sample Collected: Chemical:	01/22/2008 NITRATE (AS NO3)	Findings:	24 MG/L
Sample Collected: Chemical:	01/22/2008 TURBIDITY, LABORATORY	Findings:	.05 NTU

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	01/22/2008 TOTAL TRIHALOMETHANES	Findings:	1.1 UG/L
Sample Collected: Chemical:	01/22/2008 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	01/25/2008 TOTAL DISSOLVED SOLIDS	Findings:	378 MG/L
Sample Collected: Chemical:	01/29/2008 GROSS ALPHA	Findings:	7.5 PC/L
Sample Collected: Chemical:	01/29/2008 GROSS ALPHA COUNTING ERROR	Findings:	2.8 PC/L
Sample Collected: Chemical:	01/29/2008 URANIUM (UG/L)	Findings:	15 UG/L
Sample Collected: Chemical:	01/29/2008 URANIUM (PC/L)	Findings:	10 PC/L
Sample Collected: Chemical:	01/29/2008 TOTAL DISSOLVED SOLIDS	Findings:	410 MG/L
Sample Collected: Chemical:	01/29/2008 NITRATE (AS NO3)	Findings:	24 MG/L
Sample Collected: Chemical:	01/29/2008 TURBIDITY, LABORATORY	Findings:	.05 NTU
Sample Collected: Chemical:	01/29/2008 TOTAL TRIHALOMETHANES	Findings:	1.7 UG/L
Sample Collected: Chemical:	07/29/2008 TURBIDITY, LABORATORY	Findings:	.15 NTU
Sample Collected: Chemical:	07/29/2008 TOTAL TRIHALOMETHANES	Findings:	.6 UG/L
Sample Collected: Chemical:	07/29/2008 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	08/05/2008 GROSS ALPHA	Findings:	7.2 PC/L
Sample Collected: Chemical:	08/05/2008 GROSS ALPHA COUNTING ERROR	Findings:	2.8 PC/L
Sample Collected: Chemical:	08/05/2008 URANIUM (UG/L)	Findings:	18 UG/L
Sample Collected: Chemical:	08/05/2008 URANIUM (PC/L)	Findings:	12 PC/L
Sample Collected: Chemical:	08/05/2008 TOTAL DISSOLVED SOLIDS	Findings:	368 MG/L
Sample Collected: Chemical:	08/05/2008 NITRATE (AS NO3)	Findings:	24 MG/L
Sample Collected: Chemical:	08/05/2008 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	01/06/2009 TOTAL DISSOLVED SOLIDS	Findings:	394 MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	01/06/2009 LANGELLER INDEX @ 60 C	Findings:	.1
Sample Collected: Chemical:	01/06/2009 NITRATE (AS NO3)	Findings:	27 MGL
Sample Collected: Chemical:	01/06/2009 CARBON DIOXIDE	Findings:	14000 UG/L
Sample Collected: Chemical:	01/06/2009 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	01/06/2009 TOTAL TRIHALOMETHANES	Findings:	1.5 UG/L
Sample Collected: Chemical:	01/06/2009 RADON 222 COUNTING ERROR	Findings:	8.8 PC/L
Sample Collected: Chemical:	01/06/2009 RADON 222	Findings:	129 PC/L
Sample Collected: Chemical:	01/06/2009 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12
Sample Collected: Chemical:	01/06/2009 NITRATE + NITRITE (AS N)	Findings:	6100 UG/L
Sample Collected: Chemical:	01/06/2009 GROSS ALPHA MDA95	Findings:	3 PC/L
Sample Collected: Chemical:	01/09/2009 TOTAL DISSOLVED SOLIDS	Findings:	424 MG/L
Sample Collected: Chemical:	01/13/2009 GROSS ALPHA	Findings:	13 PC/L
Sample Collected: Chemical:	01/13/2009 GROSS ALPHA COUNTING ERROR	Findings:	2.6 PC/L
Sample Collected: Chemical:	01/13/2009 URANIUM (UG/L)	Findings:	26 UG/L
Sample Collected: Chemical:	01/13/2009 URANIUM (PC/L)	Findings:	17 PC/L
Sample Collected: Chemical:	05/26/2009 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	05/26/2009 TOTAL TRIHALOMETHANES	Findings:	2.5 UG/L
Sample Collected: Chemical:	05/29/2009 TOTAL DISSOLVED SOLIDS	Findings:	392 MG/L
Sample Collected: Chemical:	06/02/2009 GROSS ALPHA	Findings:	8.4 PC/L
Sample Collected: Chemical:	06/02/2009 GROSS ALPHA COUNTING ERROR	Findings:	2.4 PC/L
Sample Collected: Chemical:	06/02/2009 URANIUM (UG/L)	Findings:	13 UG/L
Sample Collected: Chemical:	06/02/2009 URANIUM (PC/L)	Findings:	8.7 PC/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	06/02/2009 TOTAL DISSOLVED SOLIDS	Findings:	372 MG/L
Sample Collected: Chemical:	06/02/2009 NITRATE (AS NO3)	Findings:	22 MG/L
Sample Collected: Chemical:	06/02/2009 TOTAL TRIHALOMETHANES	Findings:	1.3 UG/L
Sample Collected: Chemical:	02/07/2006 DIBROMOCHLOROPROPANE (DBCP)	Findings:	.026 UG/L
Sample Collected: Chemical:	02/07/2006 TOTAL DISSOLVED SOLIDS	Findings:	358 MG/L
Sample Collected: Chemical:	02/07/2006 NITRATE (AS NO3)	Findings:	24 MG/L
Sample Collected: Chemical:	02/07/2006 TURBIDITY, LABORATORY	Findings:	.15 NTU
Sample Collected: Chemical:	02/07/2006 TOTAL TRIHALOMETHANES	Findings:	1.3 UG/L
Sample Collected: Chemical:	02/10/2006 TOTAL DISSOLVED SOLIDS	Findings:	376 MG/L
Sample Collected: Chemical:	02/14/2006 GROSS ALPHA	Findings:	8.1 PC/L
Sample Collected: Chemical:	02/14/2006 GROSS ALPHA COUNTING ERROR	Findings:	3 PC/L
Sample Collected: Chemical:	02/14/2006 URANIUM (UG/L)	Findings:	14 UG/L
Sample Collected: Chemical:	02/14/2006 URANIUM (PC/L)	Findings:	9.4 PC/L
Sample Collected: Chemical:	02/14/2006 DIBROMOCHLOROPROPANE (DBCP)	Findings:	.038 UG/L
Sample Collected: Chemical:	02/14/2006 TOTAL DISSOLVED SOLIDS	Findings:	372 MG/L
Sample Collected: Chemical:	02/14/2006 NITRATE (AS NO3)	Findings:	23 MG/L
Sample Collected: Chemical:	07/11/2006 GROSS ALPHA	Findings:	382 MG/L
Sample Collected: Chemical:	07/11/2006 GROSS ALPHA COUNTING ERROR	Findings:	8 PC/L
Sample Collected: Chemical:	07/11/2006 URANIUM (UG/L)	Findings:	2.8 PC/L
Sample Collected: Chemical:	07/11/2006 URANIUM (PC/L)	Findings:	12 UG/L
Sample Collected: Chemical:	07/11/2006 DIBROMOCHLOROPROPANE (DBCP)	Findings:	8 PC/L
Sample Collected: Chemical:	07/11/2006 DIBROMOCHLOROPROPANE (DBCP)	Findings:	.012 UG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	07/11/2006 TOTAL DISSOLVED SOLIDS	Findings:	368 MG/L
Sample Collected: Chemical:	07/11/2006 NITRATE (AS NO3)	Findings:	24 MG/L
Sample Collected: Chemical:	07/11/2006 TURBIDITY, LABORATORY	Findings:	.15 NTU
Sample Collected: Chemical:	11/07/2006 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	11/07/2006 TOTAL TRIHALOMETHANES	Findings:	1.2 UG/L
Sample Collected: Chemical:	11/10/2006 TOTAL DISSOLVED SOLIDS	Findings:	350 MG/L
Sample Collected: Chemical:	11/14/2006 GROSS ALPHA	Findings:	7.1 PC/L
Sample Collected: Chemical:	11/14/2006 GROSS ALPHA COUNTING ERROR	Findings:	3 PC/L
Sample Collected: Chemical:	11/14/2006 URANIUM (UG/L)	Findings:	12 UG/L
Sample Collected: Chemical:	11/14/2006 URANIUM (PC/L)	Findings:	8 PC/L
Sample Collected: Chemical:	11/14/2006 TOTAL DISSOLVED SOLIDS	Findings:	328 MG/L
Sample Collected: Chemical:	11/14/2006 NITRATE (AS NO3)	Findings:	20 MG/L
Sample Collected: Chemical:	11/14/2006 TURBIDITY, LABORATORY	Findings:	.15 NTU
Sample Collected: Chemical:	11/17/2006 TOTAL DISSOLVED SOLIDS	Findings:	340 MG/L
Sample Collected: Chemical:	11/21/2006 GROSS ALPHA	Findings:	6.7 PC/L
Sample Collected: Chemical:	11/21/2006 GROSS ALPHA COUNTING ERROR	Findings:	2.8 PC/L
Sample Collected: Chemical:	11/21/2006 URANIUM (UG/L)	Findings:	13 UG/L
Sample Collected: Chemical:	11/21/2006 URANIUM (PC/L)	Findings:	8.7 PC/L
Sample Collected: Chemical:	04/10/2007 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	04/10/2007 TOTAL TRIHALOMETHANES	Findings:	1 UG/L
Sample Collected: Chemical:	04/10/2007 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	04/13/2007 TOTAL DISSOLVED SOLIDS	Findings:	334 MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	04/17/2007 GROSS ALPHA COUNTING ERROR	Findings:	1.7 PC/L
Sample Collected: Chemical:	04/17/2007 URANIUM (UG/L)	Findings:	9 UG/L
Sample Collected: Chemical:	04/17/2007 URANIUM (PC/L)	Findings:	6 PC/L
Sample Collected: Chemical:	04/17/2007 TOTAL DISSOLVED SOLIDS	Findings:	306 MG/L
Sample Collected: Chemical:	04/17/2007 NITRATE (AS NO3)	Findings:	21 MG/L
Sample Collected: Chemical:	04/17/2007 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	04/17/2007 TOTAL TRIHALOMETHANES	Findings:	1.2 UG/L
Sample Collected: Chemical:	08/28/2007 NITRATE (AS NO3)	Findings:	23 MG/L
Sample Collected: Chemical:	08/28/2007 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	08/28/2007 TOTAL TRIHALOMETHANES	Findings:	1.3 UG/L
Sample Collected: Chemical:	08/28/2007 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	08/31/2007 TOTAL DISSOLVED SOLIDS	Findings:	370 MG/L
Sample Collected: Chemical:	08/31/2007 ARSENIC	Findings:	2.9 UG/L
Sample Collected: Chemical:	09/04/2007 ODOR THRESHOLD @ 60 C	Findings:	2 TON
Sample Collected: Chemical:	09/04/2007 SPECIFIC CONDUCTANCE	Findings:	597 US
Sample Collected: Chemical:	09/04/2007 PH, LABORATORY	Findings:	7.7
Sample Collected: Chemical:	09/04/2007 ALKALINITY (TOTAL) AS CaCO3	Findings:	181 MG/L
Sample Collected: Chemical:	09/04/2007 BICARBONATE ALKALINITY	Findings:	220 MG/L
Sample Collected: Chemical:	09/04/2007 HARDNESS (TOTAL) AS CaCO3	Findings:	210 MG/L
Sample Collected: Chemical:	09/04/2007 CALCIUM	Findings:	67 MG/L
Sample Collected: Chemical:	09/04/2007 MAGNESIUM	Findings:	11 MG/L
Sample Collected: Chemical:	09/04/2007 SODIUM	Findings:	42 MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	09/04/2007 POTASSIUM	Findings:	2.7 MG/L
Sample Collected: Chemical:	09/04/2007 CHLORIDE	Findings:	30 MG/L
Sample Collected: Chemical:	09/04/2007 FLUORIDE (F) (NATURAL-SOURCE)	Findings:	.61 MG/L
Sample Collected: Chemical:	09/04/2007 BORON	Findings:	120 UG/L
Sample Collected: Chemical:	09/04/2007 VANADIUM	Findings:	6.1 UG/L
Sample Collected: Chemical:	09/04/2007 GROSS ALPHA	Findings:	6.1 PC/L
Sample Collected: Chemical:	09/04/2007 GROSS ALPHA COUNTING ERROR	Findings:	2.6 PC/L
Sample Collected: Chemical:	09/04/2007 URANIUM (UG/L)	Findings:	14 UG/L
Sample Collected: Chemical:	09/04/2007 URANIUM (PC/L)	Findings:	9.4 PC/L
Sample Collected: Chemical:	09/04/2007 FOAMING AGENTS (MBAS)	Findings:	.062 MG/L
Sample Collected: Chemical:	09/04/2007 TOTAL DISSOLVED SOLIDS	Findings:	382 MG/L
Sample Collected: Chemical:	09/04/2007 LANGELIER INDEX @ 60 C	Findings:	4
Sample Collected: Chemical:	09/04/2007 NITRATE (AS NO3)	Findings:	23 MG/L
Sample Collected: Chemical:	09/04/2007 CARBON DIOXIDE	Findings:	7200 UG/L
Sample Collected: Chemical:	01/29/2008 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	02/01/2008 TOTAL DISSOLVED SOLIDS	Findings:	372 MG/L
Sample Collected: Chemical:	02/05/2008 GROSS ALPHA	Findings:	7 PC/L
Sample Collected: Chemical:	02/05/2008 GROSS ALPHA COUNTING ERROR	Findings:	2.4 PC/L
Sample Collected: Chemical:	02/05/2008 URANIUM (UG/L)	Findings:	15 UG/L
Sample Collected: Chemical:	02/05/2008 URANIUM (PC/L)	Findings:	10 PC/L
Sample Collected: Chemical:	02/05/2008 TOTAL DISSOLVED SOLIDS	Findings:	372 MG/L
Sample Collected: Chemical:	02/05/2008 NITRATE (AS NO3)	Findings:	26 MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	02/05/2008 TURBIDITY, LABORATORY	Findings:	.15 NTU
Sample Collected: Chemical:	02/05/2008 TOTAL TRIHALOMETHANES	Findings:	1.9 UG/L
Sample Collected: Chemical:	02/05/2008 GROSS ALPHA MDA95	Findings:	2 PCI/L
Sample Collected: Chemical:	02/09/2008 TOTAL DISSOLVED SOLIDS	Findings:	360 MG/L
Sample Collected: Chemical:	02/12/2008 GROSS ALPHA	Findings:	5.6 PCI/L
Sample Collected: Chemical:	02/12/2008 GROSS ALPHA COUNTING ERROR	Findings:	2.4 PCI/L
Sample Collected: Chemical:	02/12/2008 URANIUM (UG/L)	Findings:	14 UG/L
Sample Collected: Chemical:	02/12/2008 URANIUM (PCI/L)	Findings:	9.4 PCI/L
Sample Collected: Chemical:	08/05/2008 GROSS ALPHA MDA95	Findings:	2 PCI/L
Sample Collected: Chemical:	08/12/2008 GROSS ALPHA	Findings:	5.3 PCI/L
Sample Collected: Chemical:	08/12/2008 GROSS ALPHA COUNTING ERROR	Findings:	2.3 PCI/L
Sample Collected: Chemical:	08/12/2008 URANIUM (UG/L)	Findings:	17 UG/L
Sample Collected: Chemical:	08/12/2008 URANIUM (PCI/L)	Findings:	11 PCI/L
Sample Collected: Chemical:	08/12/2008 TOTAL DISSOLVED SOLIDS	Findings:	374 MG/L
Sample Collected: Chemical:	08/12/2008 NITRATE (AS NO3)	Findings:	24 MG/L
Sample Collected: Chemical:	08/12/2008 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	08/12/2008 TOTAL TRIHALOMETHANES	Findings:	.6 UG/L
Sample Collected: Chemical:	08/12/2008 GROSS ALPHA MDA95	Findings:	2 PCI/L
Sample Collected: Chemical:	08/19/2008 GROSS ALPHA	Findings:	8.4 PCI/L
Sample Collected: Chemical:	08/19/2008 GROSS ALPHA COUNTING ERROR	Findings:	2.7 PCI/L
Sample Collected: Chemical:	08/19/2008 URANIUM (UG/L)	Findings:	15 UG/L
Sample Collected: Chemical:	08/19/2008 URANIUM (PCI/L)	Findings:	10 PCI/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	01/13/2009 TOTAL DISSOLVED SOLIDS	Findings:	396 MG/L
Sample Collected: Chemical:	01/13/2009 NITRATE (AS NO3)	Findings:	25 MGL
Sample Collected: Chemical:	01/13/2009 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	01/13/2009 TOTAL TRIHALOMETHANES	Findings:	1.7 UG/L
Sample Collected: Chemical:	01/13/2009 GROSS ALPHA MDA95	Findings:	2 PCI/L
Sample Collected: Chemical:	01/16/2009 TOTAL DISSOLVED SOLIDS	Findings:	434 MG/L
Sample Collected: Chemical:	01/20/2009 GROSS ALPHA	Findings:	9.4 PCI/L
Sample Collected: Chemical:	01/20/2009 GROSS ALPHA COUNTING ERROR	Findings:	2.4 PCI/L
Sample Collected: Chemical:	01/20/2009 URANIUM (UG/L)	Findings:	25 UG/L
Sample Collected: Chemical:	01/20/2009 URANIUM (PCI/L)	Findings:	17 PCI/L
Sample Collected: Chemical:	01/20/2009 TOTAL DISSOLVED SOLIDS	Findings:	436 MG/L
Sample Collected: Chemical:	01/20/2009 NITRATE (AS NO3)	Findings:	29 MGL
Sample Collected: Chemical:	06/02/2009 GROSS ALPHA MDA95	Findings:	2 PCI/L
Sample Collected: Chemical:	06/04/2009 TOTAL DISSOLVED SOLIDS	Findings:	382 MG/L
Sample Collected: Chemical:	06/09/2009 GROSS ALPHA	Findings:	10 PCI/L
Sample Collected: Chemical:	06/09/2009 GROSS ALPHA COUNTING ERROR	Findings:	2.7 PCI/L
Sample Collected: Chemical:	06/09/2009 URANIUM (UG/L)	Findings:	18 UG/L
Sample Collected: Chemical:	06/09/2009 URANIUM (PCI/L)	Findings:	12 PCI/L
Sample Collected: Chemical:	06/09/2009 DIBROMOCHLOROMETHANE (THM)	Findings:	1.1 UG/L
Sample Collected: Chemical:	06/09/2009 TOTAL DISSOLVED SOLIDS	Findings:	364 MG/L
Sample Collected: Chemical:	06/09/2009 NITRATE (AS NO3)	Findings:	23 MGL
Sample Collected: Chemical:	06/09/2009 TURBIDITY, LABORATORY	Findings:	.1 NTU

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	06/09/2009 TOTAL TRIHALOMETHANES	Findings:	2.3 UG/L
Sample Collected: Chemical:	06/09/2009 GROSS ALPHA MDA95	Findings:	2 PCI/L
Sample Collected: Chemical:	06/12/2009 TOTAL DISSOLVED SOLIDS	Findings:	390 MG/L
Sample Collected: Chemical:	06/16/2009 ODOR THRESHOLD @ 60 C	Findings:	2 TON
Sample Collected: Chemical:	06/16/2009 GROSS ALPHA	Findings:	11 PCI/L
Sample Collected: Chemical:	06/16/2009 GROSS ALPHA COUNTING ERROR	Findings:	2.7 PCI/L
Sample Collected: Chemical:	06/16/2009 URANIUM (UG/L)	Findings:	17 UG/L
Sample Collected: Chemical:	06/16/2009 URANIUM (PCI/L)	Findings:	11 PCI/L
Sample Collected: Chemical:	06/16/2009 DIBROMOCHLOROMETHANE (THM)	Findings:	1.1 UG/L
Sample Collected: Chemical:	02/14/2006 TURBIDITY, LABORATORY	Findings:	.46 NTU
Sample Collected: Chemical:	02/14/2006 TOTAL TRIHALOMETHANES	Findings:	1.3 UG/L
Sample Collected: Chemical:	02/17/2006 TOTAL DISSOLVED SOLIDS	Findings:	348 MG/L
Sample Collected: Chemical:	02/21/2006 GROSS ALPHA	Findings:	8.6 PCI/L
Sample Collected: Chemical:	02/21/2006 GROSS ALPHA COUNTING ERROR	Findings:	3.4 PCI/L
Sample Collected: Chemical:	02/21/2006 URANIUM (UG/L)	Findings:	14 UG/L
Sample Collected: Chemical:	02/21/2006 URANIUM (PCI/L)	Findings:	9.4 PCI/L
Sample Collected: Chemical:	02/21/2006 DIBROMOCHLOROPROPANE (DBCP)	Findings:	.029 UG/L
Sample Collected: Chemical:	02/21/2006 TRICHLOROETHYLENE	Findings:	.6 UG/L
Sample Collected: Chemical:	02/21/2006 TOTAL DISSOLVED SOLIDS	Findings:	312 MG/L
Sample Collected: Chemical:	02/21/2006 NITRATE (AS NO3)	Findings:	21 MG/L
Sample Collected: Chemical:	02/21/2006 TURBIDITY, LABORATORY	Findings:	.4 NTU
Sample Collected: Chemical:	02/21/2006 TOTAL TRIHALOMETHANES	Findings:	1.6 UG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	02/24/2006 TOTAL DISSOLVED SOLIDS	Findings:	308 MG/L
Sample Collected: Chemical:	02/28/2006 GROSS ALPHA	Findings:	8.7 PCI/L
Sample Collected: Chemical:	02/28/2006 GROSS ALPHA COUNTING ERROR	Findings:	3 PCI/L
Sample Collected: Chemical:	02/28/2006 URANIUM (UG/L)	Findings:	12 UG/L
Sample Collected: Chemical:	02/28/2006 URANIUM (PCI/L)	Findings:	8 PCI/L
Sample Collected: Chemical:	07/11/2006 DIBROMOCHLOROPROPANE (DBCP)	Findings:	.013 UG/L
Sample Collected: Chemical:	07/13/2006 SPECIFIC CONDUCTANCE	Findings:	592 US
Sample Collected: Chemical:	07/13/2006 PH, LABORATORY	Findings:	7.6
Sample Collected: Chemical:	07/13/2006 ALKALINITY (TOTAL) AS CaCO3	Findings:	147 MG/L
Sample Collected: Chemical:	07/13/2006 BICARBONATE ALKALINITY	Findings:	180 MG/L
Sample Collected: Chemical:	07/13/2006 HARDNESS (TOTAL) AS CaCO3	Findings:	220 MG/L
Sample Collected: Chemical:	07/13/2006 CALCIUM	Findings:	68 MG/L
Sample Collected: Chemical:	07/13/2006 MAGNESIUM	Findings:	11 MGL
Sample Collected: Chemical:	11/21/2006 TOTAL DISSOLVED SOLIDS	Findings:	332 MG/L
Sample Collected: Chemical:	11/21/2006 NITRATE (AS NO3)	Findings:	21 MGL
Sample Collected: Chemical:	11/21/2006 TURBIDITY, LABORATORY	Findings:	.15 NTU
Sample Collected: Chemical:	11/21/2006 TOTAL TRIHALOMETHANES	Findings:	.6 UG/L
Sample Collected: Chemical:	11/24/2006 TOTAL DISSOLVED SOLIDS	Findings:	328 MG/L
Sample Collected: Chemical:	11/28/2006 GROSS ALPHA	Findings:	6.5 PCI/L
Sample Collected: Chemical:	11/28/2006 GROSS ALPHA COUNTING ERROR	Findings:	2.8 PCI/L
Sample Collected: Chemical:	11/28/2006 URANIUM (UG/L)	Findings:	13 UG/L
Sample Collected: Chemical:	11/28/2006 URANIUM (PCI/L)	Findings:	8.7 PCI/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	11/28/2006 TOTAL DISSOLVED SOLIDS	Findings:	356 MG/L
Sample Collected: Chemical:	11/28/2006 NITRATE (AS NO3)	Findings:	21 MG/L
Sample Collected: Chemical:	04/17/2007 GROSS ALPHA MDA95	Findings:	3 PCI/L
Sample Collected: Chemical:	04/20/2007 TOTAL DISSOLVED SOLIDS	Findings:	346 MG/L
Sample Collected: Chemical:	04/24/2007 GROSS ALPHA	Findings:	5.8 PCI/L
Sample Collected: Chemical:	04/24/2007 GROSS ALPHA COUNTING ERROR	Findings:	2.6 PCI/L
Sample Collected: Chemical:	04/24/2007 URANIUM (UG/L)	Findings:	11 UG/L
Sample Collected: Chemical:	04/24/2007 URANIUM (PCI/L)	Findings:	7.4 PCI/L
Sample Collected: Chemical:	04/24/2007 TOTAL DISSOLVED SOLIDS	Findings:	332 MG/L
Sample Collected: Chemical:	04/24/2007 NITRATE (AS NO3)	Findings:	21 MG/L
Sample Collected: Chemical:	04/27/2007 TOTAL TRIHALOMETHANES	Findings:	1.3 UG/L
Sample Collected: Chemical:	04/24/2007 GROSS ALPHA MDA95	Findings:	2 PCI/L
Sample Collected: Chemical:	04/27/2007 TOTAL DISSOLVED SOLIDS	Findings:	368 MG/L
Sample Collected: Chemical:	05/01/2007 RADIUM 226 COUNTING ERROR	Findings:	.123 PCI/L
Sample Collected: Chemical:	05/01/2007 RADIUM 228 COUNTING ERROR	Findings:	.28 PCI/L
Sample Collected: Chemical:	05/01/2007 GROSS ALPHA	Findings:	4.6 PCI/L
Sample Collected: Chemical:	05/01/2007 GROSS ALPHA COUNTING ERROR	Findings:	2.3 PCI/L
Sample Collected: Chemical:	05/01/2007 URANIUM (UG/L)	Findings:	12 UG/L
Sample Collected: Chemical:	05/01/2007 URANIUM (PCI/L)	Findings:	8 PCI/L
Sample Collected: Chemical:	09/04/2007 TURBIDITY, LABORATORY	Findings:	.05 NTU
Sample Collected: Chemical:	09/04/2007 TOTAL TRIHALOMETHANES	Findings:	1.3 UG/L
Sample Collected: Chemical:	09/04/2007 AGGRESSIVE INDEX (CORROSIVITY)	Findings:	12

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	09/04/2007 NITRATE + NITRITE (AS N)	Findings:	5300 UG/L
Sample Collected: Chemical:	09/04/2007 GROSS ALPHA MDA95	Findings:	2 PCI/L
Sample Collected: Chemical:	09/07/2007 TOTAL DISSOLVED SOLIDS	Findings:	360 MG/L
Sample Collected: Chemical:	09/10/2007 TOTAL TRIHALOMETHANES	Findings:	1.4 UG/L
Sample Collected: Chemical:	09/11/2007 GROSS ALPHA	Findings:	5.8 PCI/L
Sample Collected: Chemical:	09/11/2007 GROSS ALPHA COUNTING ERROR	Findings:	2.5 PCI/L
Sample Collected: Chemical:	09/11/2007 URANIUM (UG/L)	Findings:	14 UG/L
Sample Collected: Chemical:	09/11/2007 URANIUM (PCI/L)	Findings:	9.4 PCI/L
Sample Collected: Chemical:	09/11/2007 DIBROMOCHLOROPROPANE (DBCP)	Findings:	.015 UG/L
Sample Collected: Chemical:	09/11/2007 TOTAL DISSOLVED SOLIDS	Findings:	370 MG/L
Sample Collected: Chemical:	09/11/2007 NITRATE (AS NO3)	Findings:	24 MGL
Sample Collected: Chemical:	02/12/2008 TOTAL DISSOLVED SOLIDS	Findings:	370 MG/L
Sample Collected: Chemical:	02/12/2008 NITRATE (AS NO3)	Findings:	23 MGL
Sample Collected: Chemical:	02/12/2008 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	02/12/2008 TOTAL TRIHALOMETHANES	Findings:	1.2 UG/L
Sample Collected: Chemical:	02/12/2008 GROSS ALPHA MDA95	Findings:	2 PCI/L
Sample Collected: Chemical:	02/15/2008 TOTAL DISSOLVED SOLIDS	Findings:	412 MG/L
Sample Collected: Chemical:	02/17/2008 GROSS ALPHA	Findings:	15 PCI/L
Sample Collected: Chemical:	02/17/2008 GROSS ALPHA COUNTING ERROR	Findings:	2.08 PCI/L
Sample Collected: Chemical:	02/19/2008 GROSS ALPHA	Findings:	4.3 PCI/L
Sample Collected: Chemical:	02/19/2008 GROSS ALPHA COUNTING ERROR	Findings:	2.2 PCI/L
Sample Collected: Chemical:	02/19/2008 URANIUM (UG/L)	Findings:	15 UG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	02/19/2008 URANIUM (PC/L)	Findings:	10 PC/L
Sample Collected: Chemical:	02/19/2008 TOTAL DISSOLVED SOLIDS	Findings:	332 MG/L
Sample Collected: Chemical:	02/19/2008 NITRATE (AS NO3)	Findings:	19 MG/L
Sample Collected: Chemical:	08/19/2008 TOTAL DISSOLVED SOLIDS	Findings:	408 MG/L
Sample Collected: Chemical:	08/19/2008 NITRATE (AS NO3)	Findings:	23 MG/L
Sample Collected: Chemical:	08/19/2008 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	08/19/2008 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	08/26/2008 GROSS ALPHA	Findings:	4.3 PC/L
Sample Collected: Chemical:	08/26/2008 GROSS ALPHA COUNTING ERROR	Findings:	2.1 PC/L
Sample Collected: Chemical:	08/26/2008 URANIUM (UG/L)	Findings:	15 UG/L
Sample Collected: Chemical:	08/26/2008 URANIUM (PC/L)	Findings:	10 PC/L
Sample Collected: Chemical:	08/26/2008 TOTAL DISSOLVED SOLIDS	Findings:	354 MG/L
Sample Collected: Chemical:	08/26/2008 NITRATE (AS NO3)	Findings:	24 MG/L
Sample Collected: Chemical:	01/20/2009 TURBIDITY, LABORATORY	Findings:	.05 NTU
Sample Collected: Chemical:	01/20/2009 TOTAL TRIHALOMETHANES	Findings:	1.3 UG/L
Sample Collected: Chemical:	01/20/2009 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	01/23/2009 TOTAL DISSOLVED SOLIDS	Findings:	454 MG/L
Sample Collected: Chemical:	01/27/2009 GROSS ALPHA	Findings:	12 PC/L
Sample Collected: Chemical:	01/27/2009 GROSS ALPHA COUNTING ERROR	Findings:	2.7 PC/L
Sample Collected: Chemical:	01/27/2009 URANIUM (UG/L)	Findings:	32 UG/L
Sample Collected: Chemical:	01/27/2009 URANIUM (PC/L)	Findings:	21 PC/L
Sample Collected: Chemical:	01/27/2009 TOTAL DISSOLVED SOLIDS	Findings:	418 MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	01/27/2009 NITRATE (AS NO3)	Findings:	29 MG/L
Sample Collected: Chemical:	01/27/2009 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	01/27/2009 TOTAL TRIHALOMETHANES	Findings:	1.8 UG/L
Sample Collected: Chemical:	01/27/2009 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	06/16/2009 TOTAL DISSOLVED SOLIDS	Findings:	392 MG/L
Sample Collected: Chemical:	06/16/2009 NITRATE (AS NO3)	Findings:	23 MG/L
Sample Collected: Chemical:	06/16/2009 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	06/16/2009 TOTAL TRIHALOMETHANES	Findings:	2.5 UG/L
Sample Collected: Chemical:	06/16/2009 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	06/19/2009 TOTAL DISSOLVED SOLIDS	Findings:	378 MG/L
Sample Collected: Chemical:	06/23/2009 GROSS ALPHA	Findings:	6.9 PC/L
Sample Collected: Chemical:	06/23/2009 GROSS ALPHA COUNTING ERROR	Findings:	2.3 PC/L
Sample Collected: Chemical:	06/23/2009 URANIUM (UG/L)	Findings:	15 UG/L
Sample Collected: Chemical:	06/23/2009 URANIUM (PC/L)	Findings:	10 PC/L
Sample Collected: Chemical:	06/23/2009 TOTAL DISSOLVED SOLIDS	Findings:	380 MG/L
Sample Collected: Chemical:	06/23/2009 NITRATE (AS NO3)	Findings:	21 MG/L
Sample Collected: Chemical:	02/28/2006 DIBROMOCHLOROPROPANE (DBCP)	Findings:	.019 UG/L
Sample Collected: Chemical:	02/28/2006 TOTAL DISSOLVED SOLIDS	Findings:	284 MG/L
Sample Collected: Chemical:	02/28/2006 NITRATE (AS NO3)	Findings:	24 MG/L
Sample Collected: Chemical:	02/28/2006 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	02/28/2006 TOTAL TRIHALOMETHANES	Findings:	1.8 UG/L
Sample Collected: Chemical:	03/03/2006 TOTAL DISSOLVED SOLIDS	Findings:	332 MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	03/07/2006 GROSS ALPHA	Findings:	9.8 PC/L
Sample Collected: Chemical:	03/07/2006 GROSS ALPHA COUNTING ERROR	Findings:	3 PC/L
Sample Collected: Chemical:	07/13/2006 URANIUM (UG/L)	Findings:	16 UG/L
Sample Collected: Chemical:	03/07/2006 URANIUM (PC/L)	Findings:	11 PC/L
Sample Collected: Chemical:	03/07/2006 DIBROMOCHLOROPROPANE (DBCP)	Findings:	.026 UG/L
Sample Collected: Chemical:	03/07/2006 TRICHLOROETHYLENE	Findings:	.6 UG/L
Sample Collected: Chemical:	03/07/2006 TOTAL DISSOLVED SOLIDS	Findings:	356 MG/L
Sample Collected: Chemical:	03/07/2006 NITRATE (AS NO3)	Findings:	27 MG/L
Sample Collected: Chemical:	07/13/2006 SODIUM	Findings:	45 MG/L
Sample Collected: Chemical:	07/13/2006 POTASSIUM	Findings:	2.9 MG/L
Sample Collected: Chemical:	07/13/2006 CHLORIDE	Findings:	27 MG/L
Sample Collected: Chemical:	07/13/2006 FLUORIDE (F) (NATURAL-SOURCE)	Findings:	.6 MG/L
Sample Collected: Chemical:	07/13/2006 BORON	Findings:	120 UG/L
Sample Collected: Chemical:	07/13/2006 VANADIUM	Findings:	5.9 UG/L
Sample Collected: Chemical:	07/13/2006 GROSS ALPHA	Findings:	6.2 PC/L
Sample Collected: Chemical:	07/13/2006 GROSS ALPHA COUNTING ERROR	Findings:	2.4 PC/L
Sample Collected: Chemical:	07/13/2006 URANIUM (UG/L)	Findings:	10 UG/L
Sample Collected: Chemical:	07/13/2006 URANIUM (PC/L)	Findings:	6.7 PC/L
Sample Collected: Chemical:	07/13/2006 DIBROMOCHLOROPROPANE (DBCP)	Findings:	.012 UG/L
Sample Collected: Chemical:	07/13/2006 TOTAL DISSOLVED SOLIDS	Findings:	378 MG/L
Sample Collected: Chemical:	07/13/2006 LANGELIER INDEX @ 80 C	Findings:	.2
Sample Collected: Chemical:	07/13/2006 NITRATE (AS NO3)	Findings:	24 MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	07/13/2006 CARBON DIOXIDE	Findings:	7400 UG/L
Sample Collected: Chemical:	07/13/2006 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	07/13/2006 RADON 222 COUNTING ERROR	Findings:	13 PC/L
Sample Collected: Chemical:	07/13/2006 RADON 222	Findings:	299 PC/L
Sample Collected: Chemical:	07/13/2006 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12
Sample Collected: Chemical:	07/13/2006 NITRATE + NITRITE (AS N)	Findings:	5400 UG/L
Sample Collected: Chemical:	07/14/2006 TOTAL DISSOLVED SOLIDS	Findings:	374 MG/L
Sample Collected: Chemical:	11/28/2006 TURBIDITY, LABORATORY	Findings:	2 NTU
Sample Collected: Chemical:	11/28/2006 TOTAL TRIHALOMETHANES	Findings:	1.2 UG/L
Sample Collected: Chemical:	12/01/2006 TOTAL DISSOLVED SOLIDS	Findings:	422 MG/L
Sample Collected: Chemical:	12/05/2006 GROSS ALPHA	Findings:	8.1 PC/L
Sample Collected: Chemical:	12/05/2006 GROSS ALPHA COUNTING ERROR	Findings:	3.3 PC/L
Sample Collected: Chemical:	12/05/2006 URANIUM (UG/L)	Findings:	12 UG/L
Sample Collected: Chemical:	12/05/2006 URANIUM (PC/L)	Findings:	8 PC/L
Sample Collected: Chemical:	12/05/2006 TOTAL DISSOLVED SOLIDS	Findings:	334 MG/L
Sample Collected: Chemical:	12/05/2006 NITRATE (AS NO3)	Findings:	23 MGL
Sample Collected: Chemical:	12/05/2006 TURBIDITY, LABORATORY	Findings:	.15 NTU
Sample Collected: Chemical:	12/05/2006 TOTAL TRIHALOMETHANES	Findings:	1.3 UG/L
Sample Collected: Chemical:	05/01/2007 TOTAL DISSOLVED SOLIDS	Findings:	368 MG/L
Sample Collected: Chemical:	05/01/2007 NITRATE (AS NO3)	Findings:	23 MGL
Sample Collected: Chemical:	05/01/2007 TURBIDITY, LABORATORY	Findings:	.05 NTU
Sample Collected: Chemical:	05/01/2007 TOTAL TRIHALOMETHANES	Findings:	.5 UG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	05/01/2007 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	05/04/2007 TOTAL DISSOLVED SOLIDS	Findings:	354 MG/L
Sample Collected: Chemical:	05/08/2007 GROSS ALPHA	Findings:	10 PC/L
Sample Collected: Chemical:	05/09/2007 GROSS ALPHA COUNTING ERROR	Findings:	3.3 PC/L
Sample Collected: Chemical:	05/09/2007 URANIUM (UG/L)	Findings:	13 UG/L
Sample Collected: Chemical:	05/09/2007 URANIUM (PC/L)	Findings:	8.7 PC/L
Sample Collected: Chemical:	05/09/2007 TOTAL DISSOLVED SOLIDS	Findings:	424 MG/L
Sample Collected: Chemical:	05/08/2007 NITRATE (AS NO3)	Findings:	23 MG/L
Sample Collected: Chemical:	09/11/2007 TURBIDITY, LABORATORY	Findings:	.15 NTU
Sample Collected: Chemical:	09/11/2007 TOTAL TRIHALOMETHANES	Findings:	.5 UG/L
Sample Collected: Chemical:	09/11/2007 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	09/14/2007 TOTAL DISSOLVED SOLIDS	Findings:	370 MG/L
Sample Collected: Chemical:	09/19/2007 GROSS ALPHA	Findings:	4.6 PC/L
Sample Collected: Chemical:	09/19/2007 GROSS ALPHA COUNTING ERROR	Findings:	2.4 PC/L
Sample Collected: Chemical:	09/19/2007 URANIUM (UG/L)	Findings:	13 UG/L
Sample Collected: Chemical:	09/19/2007 URANIUM (PC/L)	Findings:	8.7 PC/L
Sample Collected: Chemical:	09/19/2007 DIBROMOCHLOROPROPANE (DBCP)	Findings:	.012 UG/L
Sample Collected: Chemical:	09/19/2007 TOTAL DISSOLVED SOLIDS	Findings:	380 MG/L
Sample Collected: Chemical:	09/19/2007 NITRATE (AS NO3)	Findings:	24 MG/L
Sample Collected: Chemical:	09/19/2007 TURBIDITY, LABORATORY	Findings:	.15 NTU
Sample Collected: Chemical:	09/19/2007 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	09/21/2007 TOTAL DISSOLVED SOLIDS	Findings:	356 MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	10/02/2007 RADIUM 226 COUNTING ERROR	Findings:	.327 PC/L
Sample Collected: Chemical:	10/02/2007 SPECIFIC CONDUCTANCE	Findings:	604 US
Sample Collected: Chemical:	10/02/2007 PH, LABORATORY	Findings:	7.7
Sample Collected: Chemical:	10/02/2007 ALKALINITY (TOTAL) AS CaCO3	Findings:	179 MG/L
Sample Collected: Chemical:	10/02/2007 BICARBONATE ALKALINITY	Findings:	220 MG/L
Sample Collected: Chemical:	10/02/2007 HARDNESS (TOTAL) AS CaCO3	Findings:	230 MG/L
Sample Collected: Chemical:	10/02/2007 CALCIUM	Findings:	73 MGL
Sample Collected: Chemical:	10/02/2007 MAGNESIUM	Findings:	12 MGL
Sample Collected: Chemical:	10/02/2007 SODIUM	Findings:	41 MGL
Sample Collected: Chemical:	10/02/2007 POTASSIUM	Findings:	3 MG/L
Sample Collected: Chemical:	02/19/2008 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	02/22/2008 TOTAL DISSOLVED SOLIDS	Findings:	324 MG/L
Sample Collected: Chemical:	02/26/2008 GROSS ALPHA COUNTING ERROR	Findings:	1.8 PC/L
Sample Collected: Chemical:	02/26/2008 URANIUM (UG/L)	Findings:	13 UG/L
Sample Collected: Chemical:	02/26/2008 URANIUM (PC/L)	Findings:	8.7 PC/L
Sample Collected: Chemical:	02/26/2008 TOTAL DISSOLVED SOLIDS	Findings:	332 MG/L
Sample Collected: Chemical:	02/26/2008 NITRATE (AS NO3)	Findings:	22 MG/L
Sample Collected: Chemical:	02/26/2008 TURBIDITY, LABORATORY	Findings:	.15 NTU
Sample Collected: Chemical:	08/26/2008 TURBIDITY, LABORATORY	Findings:	.05 NTU
Sample Collected: Chemical:	08/26/2008 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	08/27/2008 TOTAL ORGANIC CARBON (TOC)	Findings:	.76 MG/L
Sample Collected: Chemical:	08/27/2008 TOTAL TRIHALOMETHANES	Findings:	1.5 UG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	08/29/2008 TOTAL DISSOLVED SOLIDS	Findings:	376 MG/L
Sample Collected: Chemical:	09/02/2008 GROSS ALPHA	Findings:	8 PC/L
Sample Collected: Chemical:	09/02/2008 GROSS ALPHA COUNTING ERROR	Findings:	3 PC/L
Sample Collected: Chemical:	09/02/2008 URANIUM (UG/L)	Findings:	19 UG/L
Sample Collected: Chemical:	09/02/2008 URANIUM (PC/L)	Findings:	13 PC/L
Sample Collected: Chemical:	09/02/2008 TOTAL DISSOLVED SOLIDS	Findings:	416 MG/L
Sample Collected: Chemical:	09/02/2008 NITRATE (AS NO3)	Findings:	24 MG/L
Sample Collected: Chemical:	01/30/2009 TOTAL DISSOLVED SOLIDS	Findings:	452 MG/L
Sample Collected: Chemical:	01/30/2009 TOTAL TRIHALOMETHANES	Findings:	1.4 UG/L
Sample Collected: Chemical:	01/31/2009 GROSS ALPHA	Findings:	13 PC/L
Sample Collected: Chemical:	01/31/2009 GROSS ALPHA COUNTING ERROR	Findings:	2.7 PC/L
Sample Collected: Chemical:	01/31/2009 URANIUM (UG/L)	Findings:	27 UG/L
Sample Collected: Chemical:	01/31/2009 URANIUM (PC/L)	Findings:	18 PC/L
Sample Collected: Chemical:	06/23/2009 TURBIDITY, LABORATORY	Findings:	.05 NTU
Sample Collected: Chemical:	06/23/2009 TOTAL TRIHALOMETHANES	Findings:	1.4 UG/L
Sample Collected: Chemical:	06/23/2009 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	06/26/2009 TOTAL DISSOLVED SOLIDS	Findings:	382 MG/L
Sample Collected: Chemical:	07/02/2009 TOTAL DISSOLVED SOLIDS	Findings:	370 MG/L
Sample Collected: Chemical:	07/07/2009 SPECIFIC CONDUCTANCE	Findings:	593 US
Sample Collected: Chemical:	07/07/2009 PH, LABORATORY	Findings:	7.8
Sample Collected: Chemical:	07/07/2009 ALKALINITY (TOTAL) AS CaCO3	Findings:	165 MG/L
Sample Collected: Chemical:	07/07/2009 BICARBONATE ALKALINITY	Findings:	201 MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	07/07/2009 HARDNESS (TOTAL) AS CaCO3	Findings:	232 MG/L
Sample Collected: Chemical:	07/07/2009 CALCIUM	Findings:	73 MG/L
Sample Collected: Chemical:	07/07/2009 MAGNESIUM	Findings:	12 MG/L
Sample Collected: Chemical:	07/07/2009 SODIUM	Findings:	42 MG/L
Sample Collected: Chemical:	07/07/2009 POTASSIUM	Findings:	3.4 MG/L
Sample Collected: Chemical:	07/07/2009 CHLORIDE	Findings:	30.5 MG/L
Sample Collected: Chemical:	07/07/2009 FLUORIDE (F) (NATURAL-SOURCE)	Findings:	.54 MG/L
Sample Collected: Chemical:	07/07/2009 ARSENIC	Findings:	2.2 UG/L
Sample Collected: Chemical:	07/07/2009 BORON	Findings:	150 UG/L
Sample Collected: Chemical:	07/07/2009 CHROMIUM, HEXAVALENT	Findings:	2.1 UG/L
Sample Collected: Chemical:	07/07/2009 VANADIUM	Findings:	7.3 UG/L
Sample Collected: Chemical:	07/07/2009 TOTAL DISSOLVED SOLIDS	Findings:	372 MG/L
Sample Collected: Chemical:	07/07/2009 LANGELIER INDEX @ 60 C	Findings:	.5
Sample Collected: Chemical:	07/07/2009 NITRATE (AS NO3)	Findings:	23 MG/L
Sample Collected: Chemical:	07/07/2009 CARBON DIOXIDE	Findings:	5200 UG/L
Sample Collected: Chemical:	07/07/2009 TURBIDITY, LABORATORY	Findings:	.15 NTU
Sample Collected: Chemical:	07/07/2009 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12
Sample Collected: Chemical:	07/07/2009 NITRATE + NITRITE (AS N)	Findings:	5100 UG/L
Sample Collected: Chemical:	08/04/2009 GROSS ALPHA	Findings:	10 PC/L
Sample Collected: Chemical:	08/04/2009 URANIUM (UG/L)	Findings:	16 UG/L
Sample Collected: Chemical:	08/04/2009 URANIUM (PC/L)	Findings:	11 PC/L
Sample Collected: Chemical:	03/07/2006 TURBIDITY, LABORATORY	Findings:	.1 NTU

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	03/07/2006 TOTAL TRIHALOMETHANES	Findings:	2 UG/L
Sample Collected: Chemical:	03/09/2006 TOTAL ORGANIC CARBON (TOC)	Findings:	.36 MG/L
Sample Collected: Chemical:	03/09/2006 BROMOFORM (THM)	Findings:	1.6 UG/L
Sample Collected: Chemical:	03/09/2006 DIBROMOCHLOROMETHANE (THM)	Findings:	1.3 UG/L
Sample Collected: Chemical:	03/09/2006 TOTAL TRIHALOMETHANES	Findings:	2.9 UG/L
Sample Collected: Chemical:	03/10/2006 TOTAL DISSOLVED SOLIDS	Findings:	398 MG/L
Sample Collected: Chemical:	03/14/2006 GROSS ALPHA	Findings:	6.8 PC/L
Sample Collected: Chemical:	03/14/2006 GROSS ALPHA COUNTING ERROR	Findings:	2.5 PC/L
Sample Collected: Chemical:	03/14/2006 URANIUM (UG/L)	Findings:	14 UG/L
Sample Collected: Chemical:	03/14/2006 URANIUM (PC/L)	Findings:	9.4 PC/L
Sample Collected: Chemical:	03/14/2006 BROMOFORM (THM)	Findings:	1.2 UG/L
Sample Collected: Chemical:	03/14/2006 DIBROMOCHLOROMETHANE (THM)	Findings:	1.2 UG/L
Sample Collected: Chemical:	03/14/2006 DIBROMOCHLOROPROPANE (DBCP)	Findings:	.021 UG/L
Sample Collected: Chemical:	03/14/2006 TOTAL DISSOLVED SOLIDS	Findings:	370 MG/L
Sample Collected: Chemical:	03/14/2006 NITRATE (AS NO3)	Findings:	25 MG/L
Sample Collected: Chemical:	03/14/2006 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	03/14/2006 TOTAL TRIHALOMETHANES	Findings:	2.4 UG/L
Sample Collected: Chemical:	07/18/2006 GROSS ALPHA	Findings:	11 PC/L
Sample Collected: Chemical:	07/18/2006 GROSS ALPHA COUNTING ERROR	Findings:	3.3 PC/L
Sample Collected: Chemical:	07/18/2006 URANIUM (UG/L)	Findings:	8.8 UG/L
Sample Collected: Chemical:	07/18/2006 URANIUM (PC/L)	Findings:	5.9 PC/L
Sample Collected: Chemical:	07/18/2006 TOTAL DISSOLVED SOLIDS	Findings:	368 MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	07/18/2006 NITRATE (AS NO3)	Findings:	23 MG/L
Sample Collected: Chemical:	07/18/2006 TURBIDITY, LABORATORY	Findings:	2 NTU
Sample Collected: Chemical:	07/18/2006 TOTAL TRIHALOMETHANES	Findings:	1.1 UG/L
Sample Collected: Chemical:	07/21/2006 TOTAL DISSOLVED SOLIDS	Findings:	366 MG/L
Sample Collected: Chemical:	07/25/2006 GROSS ALPHA	Findings:	5.8 PC/L
Sample Collected: Chemical:	07/25/2006 GROSS ALPHA COUNTING ERROR	Findings:	2.7 PC/L
Sample Collected: Chemical:	07/25/2006 URANIUM (UG/L)	Findings:	12 UG/L
Sample Collected: Chemical:	07/25/2006 URANIUM (PC/L)	Findings:	8 PC/L
Sample Collected: Chemical:	12/06/2006 TOTAL TRIHALOMETHANES	Findings:	1.3 UG/L
Sample Collected: Chemical:	12/06/2006 TOTAL DISSOLVED SOLIDS	Findings:	358 MG/L
Sample Collected: Chemical:	12/12/2006 GROSS ALPHA	Findings:	9 PC/L
Sample Collected: Chemical:	12/12/2006 GROSS ALPHA COUNTING ERROR	Findings:	3.3 PC/L
Sample Collected: Chemical:	12/12/2006 URANIUM (UG/L)	Findings:	14 UG/L
Sample Collected: Chemical:	12/12/2006 URANIUM (PC/L)	Findings:	9.4 PC/L
Sample Collected: Chemical:	12/12/2006 TOTAL DISSOLVED SOLIDS	Findings:	314 MG/L
Sample Collected: Chemical:	12/12/2006 NITRATE (AS NO3)	Findings:	25 MG/L
Sample Collected: Chemical:	12/12/2006 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	12/12/2006 TOTAL TRIHALOMETHANES	Findings:	1.3 UG/L
Sample Collected: Chemical:	12/15/2006 TOTAL DISSOLVED SOLIDS	Findings:	308 MG/L
Sample Collected: Chemical:	12/19/2006 SPECIFIC CONDUCTANCE	Findings:	606 US
Sample Collected: Chemical:	12/19/2006 PH, LABORATORY	Findings:	8.1
Sample Collected: Chemical:	12/19/2006 ALKALINITY (TOTAL) AS CaCO3	Findings:	162 MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	12/19/2006 BICARBONATE ALKALINITY	Findings:	200 MG/L
Sample Collected: Chemical:	12/19/2006 HARDNESS (TOTAL) AS CaCO3	Findings:	208 MG/L
Sample Collected: Chemical:	12/19/2006 CALCIUM	Findings:	67 MG/L
Sample Collected: Chemical:	12/19/2006 MAGNESIUM	Findings:	10 MG/L
Sample Collected: Chemical:	12/19/2006 GROSS ALPHA	Findings:	7 PCI/L
Sample Collected: Chemical:	12/19/2006 GROSS ALPHA COUNTING ERROR	Findings:	2.7 PCI/L
Sample Collected: Chemical:	12/19/2006 URANIUM (UG/L)	Findings:	15 UG/L
Sample Collected: Chemical:	12/19/2006 URANIUM (PCI/L)	Findings:	10 PCI/L
Sample Collected: Chemical:	05/08/2007 TURBIDITY, LABORATORY	Findings:	.25 NTU
Sample Collected: Chemical:	05/08/2007 GROSS ALPHA MDA95	Findings:	2 PCI/L
Sample Collected: Chemical:	05/11/2007 TOTAL DISSOLVED SOLIDS	Findings:	346 MG/L
Sample Collected: Chemical:	05/15/2007 GROSS ALPHA	Findings:	6.1 PCI/L
Sample Collected: Chemical:	05/15/2007 GROSS ALPHA COUNTING ERROR	Findings:	2.7 PCI/L
Sample Collected: Chemical:	05/15/2007 URANIUM (UG/L)	Findings:	14 UG/L
Sample Collected: Chemical:	05/15/2007 URANIUM (PCI/L)	Findings:	9.4 PCI/L
Sample Collected: Chemical:	05/15/2007 TOTAL DISSOLVED SOLIDS	Findings:	290 MG/L
Sample Collected: Chemical:	05/15/2007 NITRATE (AS NO3)	Findings:	22 MG/L
Sample Collected: Chemical:	05/15/2007 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	05/15/2007 TOTAL TRIHALOMETHANES	Findings:	.6 UG/L
Sample Collected: Chemical:	05/15/2007 GROSS ALPHA MDA95	Findings:	2 PCI/L
Sample Collected: Chemical:	05/18/2007 TOTAL DISSOLVED SOLIDS	Findings:	328 MG/L
Sample Collected: Chemical:	05/22/2007 GROSS ALPHA	Findings:	7.1 PCI/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	05/22/2007 GROSS ALPHA COUNTING ERROR	Findings:	2.8 PCI/L
Sample Collected: Chemical:	05/22/2007 URANIUM (UG/L)	Findings:	14 UG/L
Sample Collected: Chemical:	05/22/2007 URANIUM (PCI/L)	Findings:	9.4 PCI/L
Sample Collected: Chemical:	10/02/2007 CHLORIDE	Findings:	32 MGL
Sample Collected: Chemical:	10/02/2007 FLUORIDE (F) (NATURAL-SOURCE)	Findings:	59 MG/L
Sample Collected: Chemical:	10/02/2007 VANADIUM	Findings:	6.2 UG/L
Sample Collected: Chemical:	10/02/2007 GROSS ALPHA	Findings:	4 PCI/L
Sample Collected: Chemical:	10/02/2007 GROSS ALPHA COUNTING ERROR	Findings:	2.1 PCI/L
Sample Collected: Chemical:	10/02/2007 RADIUM 228 COUNTING ERROR	Findings:	.38 PCI/L
Sample Collected: Chemical:	10/02/2007 URANIUM (UG/L)	Findings:	13 UG/L
Sample Collected: Chemical:	10/02/2007 URANIUM (PCI/L)	Findings:	8.7 PCI/L
Sample Collected: Chemical:	10/02/2007 DIBROMOCHLOROPROPANE (DBCP)	Findings:	.013 UG/L
Sample Collected: Chemical:	10/02/2007 TOTAL DISSOLVED SOLIDS	Findings:	374 MG/L
Sample Collected: Chemical:	10/02/2007 LANGMUIR INDEX @ 60 C	Findings:	.5
Sample Collected: Chemical:	10/02/2007 NITRATE (AS NO3)	Findings:	25 MG/L
Sample Collected: Chemical:	10/02/2007 CARBON DIOXIDE	Findings:	7200 UG/L
Sample Collected: Chemical:	10/02/2007 TURBIDITY, LABORATORY	Findings:	2 NTU
Sample Collected: Chemical:	10/02/2007 TOTAL TRIHALOMETHANES	Findings:	1.4 UG/L
Sample Collected: Chemical:	10/02/2007 AGGRSSIVE INDEX (CORROSIIVITY)	Findings:	12
Sample Collected: Chemical:	10/02/2007 NITRATE + NITRITE (AS N)	Findings:	5600 UG/L
Sample Collected: Chemical:	10/02/2007 GROSS ALPHA MDA95	Findings:	2 PCI/L
Sample Collected: Chemical:	10/02/2007 RADIUM 228 MDA95	Findings:	1 PCI/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	10/05/2007 TOTAL DISSOLVED SOLIDS	Findings:	396 MG/L
Sample Collected: Chemical:	02/28/2008 GROSS ALPHA MDA95	Findings:	3 PC/L
Sample Collected: Chemical:	02/29/2008 TOTAL DISSOLVED SOLIDS	Findings:	336 MG/L
Sample Collected: Chemical:	03/04/2008 GROSS ALPHA	Findings:	6.2 PC/L
Sample Collected: Chemical:	03/04/2008 GROSS ALPHA COUNTING ERROR	Findings:	2.6 PC/L
Sample Collected: Chemical:	03/04/2008 URANIUM (UG/L)	Findings:	13 UG/L
Sample Collected: Chemical:	03/04/2008 URANIUM (PC/L)	Findings:	8.7 PC/L
Sample Collected: Chemical:	03/04/2008 TOTAL DISSOLVED SOLIDS	Findings:	320 MG/L
Sample Collected: Chemical:	03/04/2008 NITRATE (AS NO3)	Findings:	20 MG/L
Sample Collected: Chemical:	03/04/2008 TURBIDITY, LABORATORY	Findings:	.15 NTU
Sample Collected: Chemical:	03/04/2008 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	03/07/2008 TOTAL DISSOLVED SOLIDS	Findings:	330 MG/L
Sample Collected: Chemical:	03/11/2008 GROSS ALPHA	Findings:	7.7 PC/L
Sample Collected: Chemical:	03/11/2008 GROSS ALPHA COUNTING ERROR	Findings:	2.9 PC/L
Sample Collected: Chemical:	03/11/2008 URANIUM (UG/L)	Findings:	16 UG/L
Sample Collected: Chemical:	03/11/2008 URANIUM (PC/L)	Findings:	11 PC/L
Sample Collected: Chemical:	09/02/2008 TURBIDITY, LABORATORY	Findings:	.2 NTU
Sample Collected: Chemical:	09/02/2008 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	09/05/2008 TOTAL DISSOLVED SOLIDS	Findings:	372 MG/L
Sample Collected: Chemical:	09/09/2008 SPECIFIC CONDUCTANCE	Findings:	591 US
Sample Collected: Chemical:	09/09/2008 PH, LABORATORY	Findings:	7.7
Sample Collected: Chemical:	09/09/2008 ALKALINITY (TOTAL) AS CaCO3	Findings:	181 MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	09/09/2008 BICARBONATE ALKALINITY	Findings:	221 MG/L
Sample Collected: Chemical:	09/09/2008 HARDNESS (TOTAL) AS CaCO3	Findings:	232 MG/L
Sample Collected: Chemical:	09/09/2008 CALCIUM	Findings:	73 MG/L
Sample Collected: Chemical:	09/09/2008 MAGNESIUM	Findings:	12 MG/L
Sample Collected: Chemical:	09/09/2008 SODIUM	Findings:	40 MG/L
Sample Collected: Chemical:	09/09/2008 POTASSIUM	Findings:	3.5 MG/L
Sample Collected: Chemical:	09/09/2008 CHLORIDE	Findings:	30 MG/L
Sample Collected: Chemical:	09/09/2008 FLUORIDE (F) (NATURAL-SOURCE)	Findings:	.52 MG/L
Sample Collected: Chemical:	09/09/2008 BORON	Findings:	130 UG/L
Sample Collected: Chemical:	09/09/2008 VANADIUM	Findings:	5.5 UG/L
Sample Collected: Chemical:	09/09/2008 GROSS ALPHA	Findings:	6.1 PC/L
Sample Collected: Chemical:	09/09/2008 GROSS ALPHA COUNTING ERROR	Findings:	2.4 PC/L
Sample Collected: Chemical:	09/09/2008 URANIUM (UG/L)	Findings:	17 UG/L
Sample Collected: Chemical:	09/09/2008 URANIUM (PC/L)	Findings:	11 PC/L
Sample Collected: Chemical:	09/09/2008 TOTAL DISSOLVED SOLIDS	Findings:	392 MG/L
Sample Collected: Chemical:	09/09/2008 LANGELIER INDEX @ 60 C	Findings:	.5
Sample Collected: Chemical:	09/09/2008 NITRATE (AS NO3)	Findings:	23 MG/L
Sample Collected: Chemical:	09/09/2008 CARBON DIOXIDE	Findings:	7200 UG/L
Sample Collected: Chemical:	01/31/2009 TOTAL TRIHALOMETHANES	Findings:	1.2 UG/L
Sample Collected: Chemical:	01/31/2009 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	02/03/2009 GROSS ALPHA	Findings:	9.8 PC/L
Sample Collected: Chemical:	02/03/2009 GROSS ALPHA COUNTING ERROR	Findings:	2.4 PC/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	02/03/2009 URANIUM (UG/L)	Findings:	27 UG/L
Sample Collected: Chemical:	02/03/2009 URANIUM (PCI/L)	Findings:	18 PCI/L
Sample Collected: Chemical:	02/03/2009 DIBROMOCHLOROPROPANE (DBCP)	Findings:	.02 UG/L
Sample Collected: Chemical:	02/03/2009 TOTAL DISSOLVED SOLIDS	Findings:	422 MG/L
Sample Collected: Chemical:	02/03/2009 NITRATE (AS NO3)	Findings:	30 MG/L
Sample Collected: Chemical:	02/03/2009 TURBIDITY, LABORATORY	Findings:	.2 NTU
Sample Collected: Chemical:	02/03/2009 TOTAL TRIHALOMETHANES	Findings:	1.7 UG/L
Sample Collected: Chemical:	08/04/2009 DIBROMOCHLOROPROPANE (DBCP)	Findings:	.011 UG/L
Sample Collected: Chemical:	08/04/2009 TOTAL DISSOLVED SOLIDS	Findings:	410 MG/L
Sample Collected: Chemical:	08/04/2009 NITRATE (AS NO3)	Findings:	24 MG/L
Sample Collected: Chemical:	08/04/2009 TURBIDITY, LABORATORY	Findings:	.25 NTU
Sample Collected: Chemical:	08/04/2009 TOTAL TRIHALOMETHANES	Findings:	.7 UG/L
Sample Collected: Chemical:	08/06/2009 TOTAL ORGANIC CARBON (TOC)	Findings:	.42 MG/L
Sample Collected: Chemical:	08/06/2009 TOTAL TRIHALOMETHANES	Findings:	1.7 UG/L
Sample Collected: Chemical:	08/07/2009 TOTAL DISSOLVED SOLIDS	Findings:	380 MG/L
Sample Collected: Chemical:	08/11/2009 ODOR THRESHOLD @ 60 C	Findings:	2 TON
Sample Collected: Chemical:	08/11/2009 GROSS ALPHA	Findings:	8.3 PCI/L
Sample Collected: Chemical:	08/11/2009 URANIUM (UG/L)	Findings:	16 UG/L
Sample Collected: Chemical:	08/11/2009 URANIUM (PCI/L)	Findings:	11 PCI/L
Sample Collected: Chemical:	03/17/2006 TOTAL DISSOLVED SOLIDS	Findings:	386 MG/L
Sample Collected: Chemical:	03/21/2006 ODOR THRESHOLD @ 60 C	Findings:	2 TON
Sample Collected: Chemical:	03/21/2006 SPECIFIC CONDUCTANCE	Findings:	582 US

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	03/21/2006 PH, LABORATORY	Findings:	7.6
Sample Collected: Chemical:	03/21/2006 ALKALINITY (TOTAL) AS CaCO3	Findings:	154 MG/L
Sample Collected: Chemical:	03/21/2006 BICARBONATE ALKALINITY	Findings:	190 MG/L
Sample Collected: Chemical:	03/21/2006 HARDNESS (TOTAL) AS CaCO3	Findings:	210 MG/L
Sample Collected: Chemical:	03/21/2006 CALCIUM	Findings:	67 MG/L
Sample Collected: Chemical:	03/21/2006 MAGNESIUM	Findings:	11 MG/L
Sample Collected: Chemical:	03/21/2006 SODIUM	Findings:	39 MG/L
Sample Collected: Chemical:	03/21/2006 POTASSIUM	Findings:	2.9 MG/L
Sample Collected: Chemical:	03/21/2006 CHLORIDE	Findings:	27 MG/L
Sample Collected: Chemical:	03/21/2006 FLUORIDE (F) (NATURAL-SOURCE)	Findings:	.51 MG/L
Sample Collected: Chemical:	03/21/2006 CHROMIUM, HEXAVALENT	Findings:	1.9 UG/L
Sample Collected: Chemical:	03/21/2006 VANADIUM	Findings:	8.4 UG/L
Sample Collected: Chemical:	03/21/2006 GROSS ALPHA	Findings:	3.4 PCI/L
Sample Collected: Chemical:	03/21/2006 GROSS ALPHA COUNTING ERROR	Findings:	2.1 PCI/L
Sample Collected: Chemical:	03/21/2006 URANIUM (UG/L)	Findings:	13 UG/L
Sample Collected: Chemical:	03/21/2006 URANIUM (PCI/L)	Findings:	9.4 PCI/L
Sample Collected: Chemical:	03/21/2006 BROMOFORM (THM)	Findings:	1.2 UG/L
Sample Collected: Chemical:	03/21/2006 TOTAL DISSOLVED SOLIDS	Findings:	372 MG/L
Sample Collected: Chemical:	03/21/2006 LANGELIER INDEX @ 60 C	Findings:	.3
Sample Collected: Chemical:	03/21/2006 NITRATE (AS NO3)	Findings:	20 MG/L
Sample Collected: Chemical:	03/21/2006 CARBON DIOXIDE	Findings:	7800 UG/L
Sample Collected: Chemical:	07/25/2006 TOTAL DISSOLVED SOLIDS	Findings:	378 MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	07/25/2006 NITRATE (AS NO3)	Findings:	23 MG/L
Sample Collected: Chemical:	07/25/2006 TURBIDITY, LABORATORY	Findings:	.2 NTU
Sample Collected: Chemical:	07/25/2006 TOTAL TRIHALOMETHANES	Findings:	.5 UG/L
Sample Collected: Chemical:	07/28/2006 TOTAL DISSOLVED SOLIDS	Findings:	364 MG/L
Sample Collected: Chemical:	08/01/2006 GROSS ALPHA	Findings:	8.7 PCI/L
Sample Collected: Chemical:	08/01/2006 GROSS ALPHA COUNTING ERROR	Findings:	3 PCI/L
Sample Collected: Chemical:	08/01/2006 URANIUM (UG/L)	Findings:	13 UG/L
Sample Collected: Chemical:	08/01/2006 URANIUM (PCI/L)	Findings:	8.7 PCI/L
Sample Collected: Chemical:	08/01/2006 TOTAL DISSOLVED SOLIDS	Findings:	370 MG/L
Sample Collected: Chemical:	08/01/2006 NITRATE (AS NO3)	Findings:	20 MG/L
Sample Collected: Chemical:	08/01/2006 TURBIDITY, LABORATORY	Findings:	.2 NTU
Sample Collected: Chemical:	12/19/2006 TOTAL DISSOLVED SOLIDS	Findings:	342 MG/L
Sample Collected: Chemical:	12/19/2006 LANGELIER INDEX @ 60 C	Findings:	.8
Sample Collected: Chemical:	12/19/2006 NITRATE (AS NO3)	Findings:	23 MG/L
Sample Collected: Chemical:	12/19/2006 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	12/19/2006 TOTAL TRIHALOMETHANES	Findings:	1.3 UG/L
Sample Collected: Chemical:	12/22/2006 AGGRESSIVE INDEX (CORROSIVITY)	Findings:	13
Sample Collected: Chemical:	12/22/2006 TOTAL DISSOLVED SOLIDS	Findings:	378 MG/L
Sample Collected: Chemical:	12/26/2006 GROSS ALPHA	Findings:	7.3 PCI/L
Sample Collected: Chemical:	12/26/2006 GROSS ALPHA COUNTING ERROR	Findings:	2.9 PCI/L
Sample Collected: Chemical:	12/26/2006 URANIUM (UG/L)	Findings:	13 UG/L
Sample Collected: Chemical:	12/26/2006 URANIUM (PCI/L)	Findings:	8.7 PCI/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	05/22/2007 TOTAL DISSOLVED SOLIDS	Findings:	352 MG/L
Sample Collected: Chemical:	05/22/2007 NITRATE (AS NO3)	Findings:	23 MG/L
Sample Collected: Chemical:	05/22/2007 TURBIDITY, LABORATORY	Findings:	.05 NTU
Sample Collected: Chemical:	05/22/2007 TOTAL TRIHALOMETHANES	Findings:	1.2 UG/L
Sample Collected: Chemical:	05/22/2007 GROSS ALPHA MDA95	Findings:	2 PCI/L
Sample Collected: Chemical:	05/25/2007 TOTAL DISSOLVED SOLIDS	Findings:	392 MG/L
Sample Collected: Chemical:	05/29/2007 GROSS ALPHA	Findings:	7.7 PCI/L
Sample Collected: Chemical:	05/29/2007 GROSS ALPHA COUNTING ERROR	Findings:	3.2 PCI/L
Sample Collected: Chemical:	05/29/2007 URANIUM (UG/L)	Findings:	14 UG/L
Sample Collected: Chemical:	05/29/2007 URANIUM (PCI/L)	Findings:	9.4 PCI/L
Sample Collected: Chemical:	10/09/2007 GROSS ALPHA	Findings:	7.3 PCI/L
Sample Collected: Chemical:	10/09/2007 GROSS ALPHA COUNTING ERROR	Findings:	2.7 PCI/L
Sample Collected: Chemical:	10/09/2007 URANIUM (UG/L)	Findings:	15 UG/L
Sample Collected: Chemical:	10/09/2007 URANIUM (PCI/L)	Findings:	10 PCI/L
Sample Collected: Chemical:	10/09/2007 TOTAL DISSOLVED SOLIDS	Findings:	392 MG/L
Sample Collected: Chemical:	10/09/2007 NITRATE (AS NO3)	Findings:	27 MG/L
Sample Collected: Chemical:	10/09/2007 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	10/09/2007 TOTAL TRIHALOMETHANES	Findings:	1.6 UG/L
Sample Collected: Chemical:	10/09/2007 GROSS ALPHA MDA95	Findings:	2 PCI/L
Sample Collected: Chemical:	10/12/2007 TOTAL DISSOLVED SOLIDS	Findings:	402 MG/L
Sample Collected: Chemical:	10/16/2007 GROSS ALPHA COUNTING ERROR	Findings:	1.8 PCI/L
Sample Collected: Chemical:	10/16/2007 URANIUM (UG/L)	Findings:	12 UG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	10/16/2007 URANIUM (PC/L)	Findings:	8 PC/L
Sample Collected: Chemical:	03/11/2008 TOTAL DISSOLVED SOLIDS	Findings:	344 MG/L
Sample Collected: Chemical:	03/11/2008 NITRATE (AS NO3)	Findings:	22 MG/L
Sample Collected: Chemical:	03/11/2008 TURBIDITY, LABORATORY	Findings:	.15 NTU
Sample Collected: Chemical:	03/11/2008 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	03/14/2008 TOTAL DISSOLVED SOLIDS	Findings:	346 MG/L
Sample Collected: Chemical:	03/18/2008 GROSS ALPHA	Findings:	4.7 PC/L
Sample Collected: Chemical:	03/18/2008 GROSS ALPHA COUNTING ERROR	Findings:	2.2 PC/L
Sample Collected: Chemical:	03/18/2008 URANIUM (UG/L)	Findings:	15 UG/L
Sample Collected: Chemical:	03/18/2008 URANIUM (PC/L)	Findings:	10 PC/L
Sample Collected: Chemical:	03/18/2008 TOTAL DISSOLVED SOLIDS	Findings:	352 MG/L
Sample Collected: Chemical:	03/18/2008 NITRATE (AS NO3)	Findings:	22 MG/L
Sample Collected: Chemical:	09/09/2008 TURBIDITY, LABORATORY	Findings:	.2 NTU
Sample Collected: Chemical:	09/09/2008 TOTAL TRIHALOMETHANES	Findings:	.6 UG/L
Sample Collected: Chemical:	09/09/2008 AGGRSSIVE INDEX (CORROSVITY)	Findings:	12
Sample Collected: Chemical:	09/09/2008 NITRATE + NITRITE (AS N)	Findings:	5300 UG/L
Sample Collected: Chemical:	09/09/2008 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	09/12/2008 TOTAL DISSOLVED SOLIDS	Findings:	392 MG/L
Sample Collected: Chemical:	09/19/2008 TOTAL DISSOLVED SOLIDS	Findings:	364 MG/L
Sample Collected: Chemical:	09/23/2008 GROSS ALPHA	Findings:	5.8 PC/L
Sample Collected: Chemical:	09/23/2008 GROSS ALPHA COUNTING ERROR	Findings:	2.3 PC/L
Sample Collected: Chemical:	09/23/2008 URANIUM (UG/L)	Findings:	16 UG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	09/23/2008 URANIUM (PC/L)	Findings:	11 PC/L
Sample Collected: Chemical:	09/23/2008 DIBROMOCHLOROMETHANE (THM)	Findings:	1.2 UG/L
Sample Collected: Chemical:	09/23/2008 TOTAL DISSOLVED SOLIDS	Findings:	400 MG/L
Sample Collected: Chemical:	09/23/2008 NITRATE (AS NO3)	Findings:	23 MGL
Sample Collected: Chemical:	09/23/2008 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	09/23/2008 TOTAL TRIHALOMETHANES	Findings:	2.7 UG/L
Sample Collected: Chemical:	09/23/2008 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	09/30/2008 GROSS ALPHA	Findings:	9 PC/L
Sample Collected: Chemical:	09/30/2008 GROSS ALPHA COUNTING ERROR	Findings:	2.8 PC/L
Sample Collected: Chemical:	09/30/2008 URANIUM (UG/L)	Findings:	18 UG/L
Sample Collected: Chemical:	09/30/2008 URANIUM (PC/L)	Findings:	12 PC/L
Sample Collected: Chemical:	02/03/2009 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	02/06/2009 TOTAL DISSOLVED SOLIDS	Findings:	434 MG/L
Sample Collected: Chemical:	02/10/2009 GROSS ALPHA	Findings:	15 PC/L
Sample Collected: Chemical:	02/10/2009 GROSS ALPHA COUNTING ERROR	Findings:	2.9 PC/L
Sample Collected: Chemical:	02/10/2009 URANIUM (UG/L)	Findings:	26 UG/L
Sample Collected: Chemical:	02/10/2009 URANIUM (PC/L)	Findings:	17 PC/L
Sample Collected: Chemical:	02/10/2009 DIBROMOCHLOROPROPANE (DBCP)	Findings:	.02 UG/L
Sample Collected: Chemical:	02/10/2009 TOTAL DISSOLVED SOLIDS	Findings:	424 MG/L
Sample Collected: Chemical:	02/10/2009 NITRATE (AS NO3)	Findings:	30 MGL
Sample Collected: Chemical:	02/10/2009 TURBIDITY, LABORATORY	Findings:	.05 NTU
Sample Collected: Chemical:	02/10/2009 TOTAL TRIHALOMETHANES	Findings:	1.6 UG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	02/10/2009 GROSS ALPHA MDA95	Findings:	2 PC/L
Sample Collected: Chemical:	02/11/2009 TOTAL ORGANIC CARBON (TOC)	Findings:	1.3 MG/L
Sample Collected: Chemical:	02/11/2009 BROMOFORM (THM)	Findings:	2 UG/L
Sample Collected: Chemical:	02/11/2009 DIBROMOCHLOROMETHANE (THM)	Findings:	1.4 UG/L
Sample Collected: Chemical:	02/11/2009 TOTAL TRIHALOMETHANES	Findings:	3.4 UG/L
Sample Collected: Chemical:	02/13/2009 TOTAL DISSOLVED SOLIDS	Findings:	410 MG/L
Sample Collected: Chemical:	02/17/2009 ODOR THRESHOLD @ 60 C	Findings:	2 TON
Sample Collected: Chemical:	02/17/2009 GROSS ALPHA	Findings:	15 PC/L
Sample Collected: Chemical:	02/17/2009 GROSS ALPHA COUNTING ERROR	Findings:	2.08 PC/L
Sample Collected: Chemical:	02/17/2009 URANIUM (UG/L)	Findings:	26 UG/L
Sample Collected: Chemical:	02/17/2009 URANIUM (PC/L)	Findings:	17 PC/L
Sample Collected: Chemical:	02/17/2009 BROMOFORM (THM)	Findings:	1.4 UG/L
Sample Collected: Chemical:	02/17/2009 DIBROMOCHLOROMETHANE (THM)	Findings:	1.1 UG/L
Sample Collected: Chemical:	08/11/2009 TOTAL DISSOLVED SOLIDS	Findings:	420 MG/L
Sample Collected: Chemical:	08/11/2009 NITRATE (AS NO3)	Findings:	22 MG/L
Sample Collected: Chemical:	08/11/2009 TURBIDITY, LABORATORY	Findings:	.12 NTU
Sample Collected: Chemical:	08/11/2009 TOTAL TRIHALOMETHANES	Findings:	.58 UG/L
Sample Collected: Chemical:	08/14/2009 TOTAL DISSOLVED SOLIDS	Findings:	390 MG/L
Sample Collected: Chemical:	08/18/2009 GROSS ALPHA	Findings:	7.1 PC/L
Sample Collected: Chemical:	08/18/2009 URANIUM (UG/L)	Findings:	19 UG/L
Sample Collected: Chemical:	08/18/2009 URANIUM (PC/L)	Findings:	13 PC/L
Sample Collected: Chemical:	08/18/2009 TOTAL DISSOLVED SOLIDS	Findings:	400 MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	08/18/2009 NITRATE (AS NO3)	Findings:	23 MG/L
Sample Collected: Chemical:	03/21/2006 TURBIDITY, LABORATORY	Findings:	.15 NTU
Sample Collected: Chemical:	03/21/2006 TOTAL TRIHALOMETHANES	Findings:	2.1 UG/L
Sample Collected: Chemical:	03/21/2006 AGGRESSIVE INDEX (CORROSIVITY)	Findings:	12
Sample Collected: Chemical:	03/21/2006 NITRATE + NITRITE (AS N)	Findings:	4800 UG/L
Sample Collected: Chemical:	03/24/2006 TOTAL DISSOLVED SOLIDS	Findings:	356 MG/L
Sample Collected: Chemical:	03/28/2006 GROSS ALPHA	Findings:	12 PC/L
Sample Collected: Chemical:	03/28/2006 GROSS ALPHA COUNTING ERROR	Findings:	3.3 PC/L
Sample Collected: Chemical:	03/28/2006 URANIUM (UG/L)	Findings:	14 UG/L
Sample Collected: Chemical:	03/28/2006 URANIUM (PC/L)	Findings:	9.4 PC/L
Sample Collected: Chemical:	03/28/2006 DIBROMOCHLOROPROPANE (DBCP)	Findings:	.014 UG/L
Sample Collected: Chemical:	03/28/2006 TOTAL DISSOLVED SOLIDS	Findings:	330 MG/L
Sample Collected: Chemical:	03/28/2006 NITRATE (AS NO3)	Findings:	22 MG/L
Sample Collected: Chemical:	03/28/2006 TURBIDITY, LABORATORY	Findings:	.2 NTU
Sample Collected: Chemical:	03/28/2006 TOTAL TRIHALOMETHANES	Findings:	1.9 UG/L
Sample Collected: Chemical:	03/31/2006 TOTAL DISSOLVED SOLIDS	Findings:	346 MG/L
Sample Collected: Chemical:	04/04/2006 GROSS ALPHA	Findings:	12 PC/L
Sample Collected: Chemical:	04/04/2006 GROSS ALPHA COUNTING ERROR	Findings:	3.1 PC/L
Sample Collected: Chemical:	04/04/2006 URANIUM (UG/L)	Findings:	16 UG/L
Sample Collected: Chemical:	04/04/2006 URANIUM (PC/L)	Findings:	11 PC/L
Sample Collected: Chemical:	04/04/2006 BROMOFORM (THM)	Findings:	1.1 UG/L
Sample Collected: Chemical:	08/01/2006 TOTAL TRIHALOMETHANES	Findings:	.5 UG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	08/04/2006 TOTAL DISSOLVED SOLIDS	Findings:	330 MG/L
Sample Collected: Chemical:	08/08/2006 GROSS ALPHA	Findings:	4.7 PC/L
Sample Collected: Chemical:	08/08/2006 GROSS ALPHA COUNTING ERROR	Findings:	2.3 PC/L
Sample Collected: Chemical:	08/08/2006 URANIUM (UG/L)	Findings:	14 UG/L
Sample Collected: Chemical:	08/08/2006 URANIUM (PC/L)	Findings:	9.4 PC/L
Sample Collected: Chemical:	08/08/2006 TOTAL DISSOLVED SOLIDS	Findings:	342 MG/L
Sample Collected: Chemical:	08/08/2006 NITRATE (AS NO3)	Findings:	23 MG/L
Sample Collected: Chemical:	08/08/2006 TURBIDITY, LABORATORY	Findings:	.35 NTU
Sample Collected: Chemical:	08/08/2006 TOTAL TRIHALOMETHANES	Findings:	.6 UG/L
Sample Collected: Chemical:	08/11/2006 TOTAL DISSOLVED SOLIDS	Findings:	406 MG/L
Sample Collected: Chemical:	08/15/2006 GROSS ALPHA	Findings:	6.7 PC/L
Sample Collected: Chemical:	08/15/2006 GROSS ALPHA COUNTING ERROR	Findings:	3 PC/L
Sample Collected: Chemical:	08/15/2006 URANIUM (UG/L)	Findings:	12 UG/L
Sample Collected: Chemical:	08/15/2006 URANIUM (PC/L)	Findings:	8 PC/L
Sample Collected: Chemical:	12/26/2006 TOTAL DISSOLVED SOLIDS	Findings:	392 MG/L
Sample Collected: Chemical:	12/26/2006 NITRATE (AS NO3)	Findings:	21 MG/L
Sample Collected: Chemical:	12/26/2006 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	12/27/2006 TOTAL TRIHALOMETHANES	Findings:	1.3 UG/L
Sample Collected: Chemical:	12/27/2006 RADON 222 COUNTING ERROR	Findings:	16 PC/L
Sample Collected: Chemical:	12/27/2006 RADON 222	Findings:	302 PC/L
Sample Collected: Chemical:	12/29/2006 SPECIFIC CONDUCTANCE	Findings:	570 US
Sample Collected: Chemical:	12/29/2006 PH, LABORATORY	Findings:	8.1

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	12/29/2006 ALKALINITY (TOTAL) AS CaCO3	Findings:	159 MG/L
Sample Collected: Chemical:	12/29/2006 BICARBONATE ALKALINITY	Findings:	190 MG/L
Sample Collected: Chemical:	12/29/2006 HARDNESS (TOTAL) AS CaCO3	Findings:	210 MG/L
Sample Collected: Chemical:	12/29/2006 CALCIUM	Findings:	67 MGL
Sample Collected: Chemical:	12/29/2006 MAGNESIUM	Findings:	10 MGL
Sample Collected: Chemical:	12/29/2006 SODIUM	Findings:	37 MGL
Sample Collected: Chemical:	12/29/2006 POTASSIUM	Findings:	2.9 MG/L
Sample Collected: Chemical:	12/29/2006 CHLORIDE	Findings:	27.1 MG/L
Sample Collected: Chemical:	12/29/2006 FLUORIDE (F) (NATURAL-SOURCE)	Findings:	.58 MG/L
Sample Collected: Chemical:	12/29/2006 BORON	Findings:	120 UG/L
Sample Collected: Chemical:	12/29/2006 CHROMIUM, HEXAVALENT	Findings:	2 UG/L
Sample Collected: Chemical:	12/29/2006 VANADIUM	Findings:	6.7 UG/L
Sample Collected: Chemical:	12/29/2006 TOTAL DISSOLVED SOLIDS	Findings:	344 MG/L
Sample Collected: Chemical:	12/29/2006 LANGLELLER INDEX @ 60 C	Findings:	.8
Sample Collected: Chemical:	12/29/2006 NITRATE (AS NO3)	Findings:	22 MG/L
Sample Collected: Chemical:	12/29/2006 CARBON DIOXIDE	Findings:	2500 UG/L
Sample Collected: Chemical:	12/29/2006 AGGRESSIVE INDEX (CORROSIVITY)	Findings:	13
Sample Collected: Chemical:	12/29/2006 NITRATE + NITRITE (AS N)	Findings:	5000 UG/L
Sample Collected: Chemical:	01/02/2007 RADIUM 226 COUNTING ERROR	Findings:	.481 PC/L
Sample Collected: Chemical:	01/02/2007 RADIUM 228 COUNTING ERROR	Findings:	.442 PC/L
Sample Collected: Chemical:	01/02/2007 GROSS ALPHA	Findings:	3.6 PC/L
Sample Collected: Chemical:	01/02/2007 GROSS ALPHA COUNTING ERROR	Findings:	2.2 PC/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: 01/02/2007 Findings: 12 UG/L
 Chemical: URANIUM (UG/L)
 Sample Collected: 01/02/2007 Findings: 8 PCI/L
 Chemical: URANIUM (PCI/L)

A3 ENE 1/4 - 1/2 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083303149T Not Reported Not Reported Not Reported 100 05/29/1988	AQUIFLOW 54880
A4 ENE 1/4 - 1/2 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083303149T Not Reported Not Reported Not Reported 100 05/29/1988	AQUIFLOW 54882
A5 ENE 1/4 - 1/2 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083303149T Not Reported Not Reported Not Reported 100 05/29/1988	AQUIFLOW 54881
6 WNW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083300500T SW Not Reported Not Reported 125 07/22/1986	AQUIFLOW 67250
A7 ENE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083300601T W Not Reported Not Reported 160 10/29/1987	AQUIFLOW 39020
A8 ENE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083300601T W Not Reported Not Reported 160' 10/29/1987	AQUIFLOW 66355
9 SE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083302877T Not Reported 100 110 Not Reported 06/03/1987	AQUIFLOW 50809

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation
Database
EDR ID Number

B10 WSW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083301742T NW Not Reported Not Reported 135 06/30/1995	AQUIFLOW 37820
B11 WSW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083301742T NW Not Reported Not Reported 135 06/30/1995	AQUIFLOW 37821

C12
NW
1/2 - 1 Mile
Lower
FED USGS USGS3124400

Agency cod:	USGS	Site no:	33592811721201
Site name:	0029505W130002S	EDR Site id:	USGS3124400
Latitude:	335928	Dec lat:	33.9912622
Longitude:	1172122	Coord meth:	M
Dec lon:	-117.35698888	Latlong datum:	NAD27
Coord acqr:	S	District:	06
Dec latlong datum:	NAD83	County:	065
State:	06	Land net:	Not Reported
Country:	US	Map scale:	24000
Location map:	RIVERSIDE EAST		
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Santa Ana, California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ramney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	401	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	9479335900		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID: C13 NW
 Direction: 112.1 Mile Lower
 Distance: CA WELLS
 Elevation: 2513
 Database: EDR ID Number

Water System Information:
 Prime Station Code: 02S/05W-13002 S
 FRDS Number: 3310031009
 District Number: 14
 Water Type: Well/Groundwater
 Source Lat/Long: 335931.5, 1172119.3
 Source Name: CUNNINGHAM - AGRICULTURAL
 System Number: 3310031
 System Name: Riverside, City of
 Organization That Operates System: 3900 MAIN STREET RIVERSIDE, CA 92522

Pop Served: 245000
 Area Served: RIVERSIDE
 Sample Collected: 07/20/2006
 Chemical: SPECIFIC CONDUCTANCE
 Findings: 1140 US

Sample Collected: 07/20/2006
 Chemical: PH, LABORATORY
 Findings: 7.7

Sample Collected: 07/20/2006
 Chemical: ALKALINITY (TOTAL) AS CaCO3
 Findings: 284 MG/L

Sample Collected: 07/20/2006
 Chemical: BICARBONATE ALKALINITY
 Findings: 350 MG/L

Sample Collected: 07/20/2006
 Chemical: HARDNESS (TOTAL) AS CaCO3
 Findings: 430 MG/L

Sample Collected: 07/20/2006
 Chemical: CALCIUM
 Findings: 130 MG/L

Sample Collected: 07/20/2006
 Chemical: MAGNESIUM
 Findings: 26 MG/L

Sample Collected: 07/20/2006
 Chemical: SODIUM
 Findings: 79 MG/L

Sample Collected: 07/20/2006
 Chemical: POTASSIUM
 Findings: 5 MG/L

Sample Collected: 07/20/2006
 Chemical: CHLORIDE
 Findings: 96 MG/L

Sample Collected: 07/20/2006
 Chemical: FLUORIDE (F) (NATURAL-SOURCE)
 Findings: .53 MG/L

Sample Collected: 07/20/2006
 Chemical: BORON
 Findings: 110 UG/L

Sample Collected: 07/20/2006
 Chemical: VANADIUM
 Findings: 4.6 UG/L

User ID: WAT
 County: Riverside
 Station Type: WELL/AMBIENT/MUNINTAKE/SUPPLY
 Well Status: Agricultural/Irrigation Well
 Precision: 10 Feet (1/10 Second)

Connections: 58586
 Findings: 1140 US
 Findings: 7.7
 Findings: 284 MG/L
 Findings: 350 MG/L
 Findings: 430 MG/L
 Findings: 130 MG/L
 Findings: 26 MG/L
 Findings: 79 MG/L
 Findings: 5 MG/L
 Findings: 96 MG/L
 Findings: .53 MG/L
 Findings: 110 UG/L
 Findings: 4.6 UG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: 07/20/2006
 Chemical: GROSS ALPHA
 Findings: 15 PC/L

Sample Collected: 07/20/2006
 Chemical: GROSS ALPHA COUNTING ERROR
 Findings: 3.4 PC/L

Sample Collected: 07/20/2006
 Chemical: URANIUM (UG/L)
 Findings: 28 UG/L

Sample Collected: 07/20/2006
 Chemical: URANIUM (PC/L)
 Findings: 19 PC/L

Sample Collected: 07/20/2006
 Chemical: TETRACHLOROETHYLENE
 Findings: .9 UG/L

Sample Collected: 07/20/2006
 Chemical: 1,1-DICHLOROETHYLENE
 Findings: .8 UG/L

Sample Collected: 07/20/2006
 Chemical: DIBROMOCHLOROPROPANE (DBCP)
 Findings: 1.15 UG/L

Sample Collected: 07/20/2006
 Chemical: TOTAL DISSOLVED SOLIDS
 Findings: 704 MG/L

Sample Collected: 07/20/2006
 Chemical: LANGELIER INDEX @ 60 C
 Findings: .9

Sample Collected: 07/20/2006
 Chemical: NITRATE (AS NO3)
 Findings: 70 MG/L

Sample Collected: 07/20/2006
 Chemical: CARBON DIOXIDE
 Findings: 11000 UG/L

Sample Collected: 07/20/2006
 Chemical: TURBIDITY, LABORATORY
 Findings: .6 NTU

Sample Collected: 07/20/2006
 Chemical: AGGRESSIVE INDEX (CORROSIVITY)
 Findings: 13

Sample Collected: 07/20/2006
 Chemical: NITRATE + NITRITE (AS N)
 Findings: 16000 UG/L

Sample Collected: 07/20/2006
 Chemical: PERCHLORATE
 Findings: 7.5 UG/L

14 WNW Lower
 112.1 Mile Lower
 FED USGS USGS3124377

Agency cod: USGS
 Site name: 00ZS05SW24D001S
 Latitude: 335907
 Longitude: 1172143
 Dec lat: -117.36282233
 Coord meth: S
 Dec lon: NAD83
 Dec lat/long datum: 06
 County: US
 Location map: RIVERSIDE EAST
 Altitude: Not Reported
 Altitude method: Not Reported
 Altitude accuracy: Not Reported
 Altitude datum: Santa Ana, California. Area = 1680 sq.mi.
 Hydrologic: Not Reported
 Topographic: Not Reported
 Site type: Ground-water other than Spring
 Date inventoried: Not Reported
 Mean greenwich time offset: PST

Site no: 335907117214301
 EDR Site id: USGS3124377
 Dec lat: 33.98529293
 Coord meth: M
 Dec lon: NAD27
 Dec lat/long datum: 06
 District: 06
 County: Not Reported
 Land net: Not Reported
 Map scale: 24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag: Y Single well, other than collector or Ramney type
 Type of ground water site: Not Reported
 Aquifer Type: Not Reported
 Well depth: 270 Not Reported
 Source of depth data: Not Reported
 Project number: 9479335800
 Real time data flag: Not Reported
 Daily flow data end date: Not Reported
 Peak flow data begin date: Not Reported
 Water quality data count: Not Reported
 Water quality data end date: Not Reported
 Ground water data begin date: Not Reported
 Ground water data count: Not Reported
 Ground-water levels, Number of Measurements: 0

15 WSW
 1/2 - 1 Mile Lower
 Site ID: 91354
 Groundwater Flow: W
 Shallow Water Depth: 124
 Deep Water Depth: 127
 Average Water Depth: Not Reported
 Date: 07/22/1997
 AQUIFLOW 50163

16 NW
 1/2 - 1 Mile Lower
 CA WELLS 2553

Water System Information:
 Prime Station Code: 02/S05W/24D01 S
 ERDS Number: 3310031020
 District Number: 14
 Water Type: Well/Groundwater
 Source Lat/Long: 33.6913, 2.1172142, 6
 Source Name: FIRST STREET - INACTIVE
 System Number: 3310031
 System Name: Riverside, City of
 Organization That Operates System: 3800 MAIN STREET RIVERSIDE, CA 92522
 Pop Served: 245000
 Area Served: RIVERSIDE
 Sample Collected: 09/04/2007
 Chemical: VANADIUM
 Sample Collected: 09/04/2007
 Chemical: GROSS ALPHA
 Sample Collected: 09/04/2007
 Chemical: GROSS ALPHA COUNTING ERROR
 Sample Collected: 09/04/2007
 Chemical: URANIUM (UG/L)

User ID: WAT
 County: Riverside
 Station Type: WELLS/AMBT/MUN/INTAKE/SUPPLY
 Well Status: Inactive Raw
 Precision: 10 Feet (1/10 Second)
 Connections: 58586
 Findings: 4.3 UG/L
 Findings: 8.8 PC/L
 Findings: 2.8 PC/L
 Findings: 17 UG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: 09/04/2007 Findings: 11 PC/L
 Chemical: URANIUM (PC/L)
 Sample Collected: 09/04/2007 Findings: 4 UG/L
 Chemical: 1,1-DICHLOROETHYLENE
 Sample Collected: 09/04/2007 Findings: .12 UG/L
 Chemical: DIBROMOCHLOROPROPANE (DBCP)
 Sample Collected: 09/04/2007 Findings: 650 MG/L
 Chemical: TOTAL DISSOLVED SOLIDS
 Sample Collected: 09/04/2007 Findings: .5
 Chemical: LANGSEILER INDEX @ 60 C
 Sample Collected: 09/04/2007 Findings: 23 MG/L
 Chemical: NITRATE (AS NO3)
 Sample Collected: 09/04/2007 Findings: 20000 UG/L
 Chemical: CARBON DIOXIDE
 Sample Collected: 09/04/2007 Findings: .1 NTU
 Chemical: TURBIDITY, LABORATORY
 Sample Collected: 09/04/2007 Findings: 12
 Chemical: AGGRSSIVE INDEX (CORROSIIVITY)
 Sample Collected: 09/04/2007 Findings: 5200 UG/L
 Chemical: NITRATE + NITRITE (AS N)
 Sample Collected: 09/04/2007 Findings: 2 PC/L
 Chemical: GROSS ALPHA MDA95
 Sample Collected: 10/31/2007 Findings: .1 UG/L
 Chemical: DIBROMOCHLOROPROPANE (DBCP)
 Sample Collected: 03/27/2008 Findings: .06 UG/L
 Chemical: DIBROMOCHLOROPROPANE (DBCP)
 Sample Collected: 07/25/2008 Findings: 956 US
 Chemical: SPECIFIC CONDUCTANCE
 Sample Collected: 07/25/2008 Findings: 7.2
 Chemical: PH, LABORATORY
 Sample Collected: 07/25/2008 Findings: 252 MG/L
 Chemical: ALKALINITY (TOTAL) AS CaCO3
 Sample Collected: 07/25/2008 Findings: 307 MG/L
 Chemical: BICARBONATE ALKALINITY
 Sample Collected: 07/25/2008 Findings: 324 MG/L
 Chemical: HARDNESS (TOTAL) AS CaCO3
 Sample Collected: 07/25/2008 Findings: 100 MG/L
 Chemical: CALCIUM
 Sample Collected: 07/25/2008 Findings: 18 MGL
 Chemical: MAGNESIUM
 Sample Collected: 07/25/2008 Findings: 66 MGL
 Chemical: SODIUM
 Sample Collected: 07/25/2008 Findings: 3.9 MGL
 Chemical: POTASSIUM

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	07/25/2008 CHLORIDE	Findings:	79 MG/L
Sample Collected: Chemical:	07/25/2008 FLUORIDE (F) (NATURAL-SOURCE)	Findings:	.34 MG/L
Sample Collected: Chemical:	07/25/2008 BORON	Findings:	250 UG/L
Sample Collected: Chemical:	07/25/2008 VANADIUM	Findings:	4.6 UG/L
Sample Collected: Chemical:	07/25/2008 GROSS ALPHA	Findings:	7.7 PCI/L
Sample Collected: Chemical:	07/25/2008 GROSS ALPHA COUNTING ERROR	Findings:	2.6 PCI/L
Sample Collected: Chemical:	07/25/2008 URANIUM (UG/L)	Findings:	16 UG/L
Sample Collected: Chemical:	07/25/2008 URANIUM (PCI/L)	Findings:	11 PCI/L
Sample Collected: Chemical:	07/25/2008 1,1-DICHLOROETHYLENE	Findings:	1.6 UG/L
Sample Collected: Chemical:	07/25/2008 DIBROMOCHLOROPROPANE (DBCP)	Findings:	.05 UG/L
Sample Collected: Chemical:	07/25/2008 TOTAL DISSOLVED SOLIDS	Findings:	614 MG/L
Sample Collected: Chemical:	07/25/2008 LANGELIER INDEX @ 60 C	Findings:	.2
Sample Collected: Chemical:	07/25/2008 NITRATE (AS NO3)	Findings:	19 MG/L
Sample Collected: Chemical:	07/25/2008 CARBON DIOXIDE	Findings:	32000 UG/L
Sample Collected: Chemical:	07/25/2008 TURBIDITY, LABORATORY	Findings:	.2 NTU
Sample Collected: Chemical:	07/25/2008 AGGRSSIVE INDEX (CORROSIIVITY)	Findings:	12
Sample Collected: Chemical:	07/25/2008 NITRATE + NITRITE (AS N)	Findings:	4300 UG/L
Sample Collected: Chemical:	07/25/2008 GROSS ALPHA MDA95	Findings:	2 PCI/L
Sample Collected: Chemical:	03/12/2009 ODOR THRESHOLD @ 60 C	Findings:	2 TON
Sample Collected: Chemical:	03/12/2009 SPECIFIC CONDUCTANCE	Findings:	949 US
Sample Collected: Chemical:	03/12/2009 PH, LABORATORY	Findings:	7.6
Sample Collected: Chemical:	03/12/2009 ALKALINITY (TOTAL) AS CaCO3	Findings:	254 MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	03/12/2009 BICARBONATE ALKALINITY	Findings:	310 MG/L
Sample Collected: Chemical:	03/12/2009 HARDNESS (TOTAL) AS CaCO3	Findings:	353 MG/L
Sample Collected: Chemical:	03/12/2009 CALCIUM	Findings:	110 MG/L
Sample Collected: Chemical:	03/12/2009 MAGNESIUM	Findings:	19 MGL
Sample Collected: Chemical:	03/12/2009 SODIUM	Findings:	70 MGL
Sample Collected: Chemical:	03/12/2009 POTASSIUM	Findings:	4 MG/L
Sample Collected: Chemical:	03/12/2009 CHLORIDE	Findings:	72 MGL
Sample Collected: Chemical:	03/12/2009 FLUORIDE (F) (NATURAL-SOURCE)	Findings:	.32 MG/L
Sample Collected: Chemical:	03/12/2009 BORON	Findings:	270 UG/L
Sample Collected: Chemical:	03/12/2009 VANADIUM	Findings:	4.9 UG/L
Sample Collected: Chemical:	03/12/2009 URANIUM (UG/L)	Findings:	18 UG/L
Sample Collected: Chemical:	03/12/2009 URANIUM (PCI/L)	Findings:	12 PCI/L
Sample Collected: Chemical:	03/12/2009 1,1-DICHLOROETHYLENE	Findings:	1.7 UG/L
Sample Collected: Chemical:	03/12/2009 DIBROMOCHLOROPROPANE (DBCP)	Findings:	.04 UG/L
Sample Collected: Chemical:	03/12/2009 TOTAL DISSOLVED SOLIDS	Findings:	584 MG/L
Sample Collected: Chemical:	03/12/2009 LANGELIER INDEX @ 60 C	Findings:	.7
Sample Collected: Chemical:	03/12/2009 NITRATE (AS NO3)	Findings:	18 MGL
Sample Collected: Chemical:	03/12/2009 CARBON DIOXIDE	Findings:	13000 UG/L
Sample Collected: Chemical:	03/12/2009 AGGRSSIVE INDEX (CORROSIIVITY)	Findings:	13
Sample Collected: Chemical:	03/12/2009 NITRATE + NITRITE (AS N)	Findings:	4100 UG/L
Sample Collected: Chemical:	05/21/2009 SPECIFIC CONDUCTANCE	Findings:	640 US
Sample Collected: Chemical:	05/21/2009 PH, LABORATORY	Findings:	7.8

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	05/21/2009 ALKALINITY (TOTAL) AS CaCO3	Findings:	182 MG/L
Sample Collected: Chemical:	05/21/2009 BICARBONATE ALKALINITY	Findings:	222 MG/L
Sample Collected: Chemical:	05/21/2009 HARDNESS (TOTAL) AS CaCO3	Findings:	228 MG/L
Sample Collected: Chemical:	05/21/2009 CALCIUM	Findings:	75 MG/L
Sample Collected: Chemical:	05/21/2009 MAGNESIUM	Findings:	10 MG/L
Sample Collected: Chemical:	05/21/2009 SODIUM	Findings:	41 MG/L
Sample Collected: Chemical:	05/21/2009 POTASSIUM	Findings:	3.3 MG/L
Sample Collected: Chemical:	05/21/2009 CHLORIDE	Findings:	31 MG/L
Sample Collected: Chemical:	05/21/2009 FLUORIDE (F) (NATURAL-SOURCE)	Findings:	.53 MG/L
Sample Collected: Chemical:	05/21/2009 BORON	Findings:	130 UG/L
Sample Collected: Chemical:	05/21/2009 VANADIUM	Findings:	6.5 UG/L
Sample Collected: Chemical:	05/21/2009 TOTAL DISSOLVED SOLIDS	Findings:	428 MG/L
Sample Collected: Chemical:	05/21/2009 LANGELIER INDEX @ 60 C	Findings:	.6
Sample Collected: Chemical:	05/21/2009 NITRATE (AS NO3)	Findings:	23 MG/L
Sample Collected: Chemical:	05/21/2009 CARBON DIOXIDE	Findings:	5800 UG/L
Sample Collected: Chemical:	05/21/2009 TURBIDITY, LABORATORY	Findings:	.05 NTU
Sample Collected: Chemical:	05/21/2009 AGGRESSIVE INDEX (CORROSIIVITY)	Findings:	12
Sample Collected: Chemical:	05/21/2009 NITRATE + NITRITE (AS N)	Findings:	5300 UG/L
Sample Collected: Chemical:	07/20/2006 SPECIFIC CONDUCTANCE	Findings:	987 US
Sample Collected: Chemical:	07/20/2006 PH, LABORATORY	Findings:	7.6
Sample Collected: Chemical:	07/20/2006 ALKALINITY (TOTAL) AS CaCO3	Findings:	209 MG/L
Sample Collected: Chemical:	07/20/2006 BICARBONATE ALKALINITY	Findings:	250 MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: Chemical:	07/20/2006 HARDNESS (TOTAL) AS CaCO3	Findings:	360 MG/L
Sample Collected: Chemical:	07/20/2006 CALCIUM	Findings:	110 MG/L
Sample Collected: Chemical:	07/20/2006 MAGNESIUM	Findings:	21 MG/L
Sample Collected: Chemical:	07/20/2006 SODIUM	Findings:	78 MG/L
Sample Collected: Chemical:	07/20/2006 POTASSIUM	Findings:	4.1 MG/L
Sample Collected: Chemical:	07/20/2006 CHLORIDE	Findings:	78 MG/L
Sample Collected: Chemical:	07/20/2006 FLUORIDE (F) (NATURAL-SOURCE)	Findings:	.33 MG/L
Sample Collected: Chemical:	07/20/2006 BORON	Findings:	320 UG/L
Sample Collected: Chemical:	07/20/2006 CHROMIUM (TOTAL)	Findings:	12 UG/L
Sample Collected: Chemical:	07/20/2006 VANADIUM	Findings:	4.4 UG/L
Sample Collected: Chemical:	07/20/2006 GROSS ALPHA	Findings:	9.8 PCI/L
Sample Collected: Chemical:	07/20/2006 GROSS ALPHA COUNTING ERROR	Findings:	2.8 PCI/L
Sample Collected: Chemical:	07/20/2006 URANIUM (UG/L)	Findings:	13 UG/L
Sample Collected: Chemical:	07/20/2006 URANIUM (PCI/L)	Findings:	8.7 PCI/L
Sample Collected: Chemical:	07/20/2006 TOTAL DISSOLVED SOLIDS	Findings:	628 MG/L
Sample Collected: Chemical:	07/20/2006 LANGELIER INDEX @ 60 C	Findings:	.6
Sample Collected: Chemical:	07/20/2006 NITRATE (AS NO3)	Findings:	15 MG/L
Sample Collected: Chemical:	07/20/2006 CARBON DIOXIDE	Findings:	10000 UG/L
Sample Collected: Chemical:	07/20/2006 TURBIDITY, LABORATORY	Findings:	2 NTU
Sample Collected: Chemical:	07/20/2006 AGGRESSIVE INDEX (CORROSIIVITY)	Findings:	12
Sample Collected: Chemical:	07/20/2006 NITRATE + NITRITE (AS N)	Findings:	3300 UG/L
Sample Collected: Chemical:	04/18/2007 DIBROMOCHLOROPROPANE (DBCP)	Findings:	.088 UG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/04/2007	Findings:	970 US
Chemical:	SPECIFIC CONDUCTANCE	Findings:	7.4
Chemical:	PH, LABORATORY	Findings:	244 MG/L
Sample Collected:	09/04/2007	Findings:	300 MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Findings:	360 MG/L
Sample Collected:	09/04/2007	Findings:	110 MG/L
Chemical:	BICARBONATE ALKALINITY	Findings:	20 MG/L
Sample Collected:	09/04/2007	Findings:	68 MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3	Findings:	3.9 MG/L
Sample Collected:	09/04/2007	Findings:	74 MG/L
Chemical:	CALCIUM	Findings:	.39 MG/L
Sample Collected:	09/04/2007	Findings:	240 UG/L
Chemical:	MAGNESIUM	Findings:	
Sample Collected:	09/04/2007	Findings:	
Chemical:	SODIUM	Findings:	
Sample Collected:	09/04/2007	Findings:	
Chemical:	POTASSIUM	Findings:	
Sample Collected:	09/04/2007	Findings:	
Chemical:	CHLORIDE	Findings:	
Sample Collected:	09/04/2007	Findings:	
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Findings:	
Sample Collected:	09/04/2007	Findings:	
Chemical:	BORON	Findings:	

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zip	Total Sites	> 4 Pci/L	Pct. > 4 Pci/L
92507	11	0	0.00

Federal EPA Radon Zone for RIVERSIDE County: 2

Note: Zone 1 indoor average level > 4 pCi/L
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L
 : Zone 3 indoor average level < 2 pCi/L

Federal Area Radon Information for RIVERSIDE COUNTY, CA

Number of sites tested: 12

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.117 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.450 pCi/L	100%	0%	0%
Basement	1.700 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5 Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5 Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOWR Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec. Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Bekkman Map. USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Services (NRCS) leads the national Conservation Soil Survey (CGSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5359
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Health Services
Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information

Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epcenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United States Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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Appendix E.
Noise Background and Modeling Data



Appendix

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Appendix E. Noise Background and Modeling Data

NOISE BACKGROUND

Terminology and Noise Descriptors

The following are brief definitions of noise terminology:

- **Sound.** A vibratory disturbance that, when transmitted by pressure waves through a medium such as air, is capable of being detected by a receiving mechanism, such as the human ear or a microphone.
- **Noise.** Sound that is loud, unpleasant, unexpected, or otherwise undesirable.
- **Decibel (dB).** A unitless measure of sound on a logarithmic scale, which indicates the squared ratio of sound pressure amplitude to a reference sound pressure amplitude. The reference pressure is 20 micropascals.
- **A-Weighted Decibel (dBA).** An overall frequency-weighted sound level in decibels which approximates the frequency response of the human ear.
- **Equivalent Continuous Noise Level (Leq).** The mean of the noise level averaged over the measurement period, regarded as an average level.
- **Day-Night Level (Ldn).** The energy average of the A-weighted sound levels occurring during a 24-hour period, with 10 dB added to the A-weighted sound levels occurring during the period from 10 PM to 7 AM. The L_{dn} and the CNEL are similar noise descriptors and rarely differ by more than 1 dBA.
- **Community Noise Equivalent Level (CNEL).** The energy average of the A-weighted sound levels occurring during a 24-hour period, with 5 dB added to the A-weighted sound levels occurring during the period from 7 to 10 PM and 10 dB added to the A-weighted sound levels occurring during the period from 10 PM to 7 AM.
- **Sensitive Receptor.** Noise- and vibration-sensitive receptors include land uses where quiet environments are necessary for enjoyment and public health and safety. Residences, schools, motels and hotels, libraries, religious institutions, hospitals, and nursing homes are examples.

L_{dn} and CNEL values rarely differ by more than 1 dB. As a matter of practice, L_{dn} and CNEL values are considered to be equivalent and are treated as such in this assessment.

Characteristics of Sound

Sound is a pressure wave transmitted through the air. When an object vibrates, it radiates part of its energy as acoustical pressure in the form of a sound wave. Sound can be described in terms of amplitude (loudness), frequency (pitch), or duration (time). The standard unit of measurement of the loudness of sound is the decibel (dB). The human hearing system is not equally sensitive to sound at all frequencies. Sound waves below 16 Hz are not heard at all and are "felt" more as a vibration. Similarly, while people with extremely sensitive hearing can hear sounds as high as 20,000 Hz, most people cannot hear above 15,000 Hz. In all cases, hearing acuity falls off rapidly above about 10,000 Hz and

below about 200 Hz. Since the human ear is not equally sensitive to sound at all frequencies, a special frequency-dependent rating scale is usually used to relate noise to human sensitivity. The A-weighted decibel scale (dBA) performs this compensation by discriminating against frequencies in a manner approximating the sensitivity of the human ear.

Because of the physical characteristics of noise transmission and noise perception, the relative loudness of sound does not closely match the actual amounts of sound energy. Table 1, Change in Sound Pressure Level, dB, presents the subjective effect of changes in sound pressure levels. Typical human hearing can detect changes of approximately 3 dBA or greater under normal conditions. Changes of 1 to 3 dBA are detectable under quiet, controlled conditions and changes of less than 1 dBA are usually indiscernible. A change of 5 dBA or greater is typically noticeable to most people in an exterior environment and a change of 10 dBA is perceived as a doubling (or halving) of the noise.

Table 1	
Change in Sound Pressure Level, dB	
Change in Apparent Loudness	
± 3 dB	Threshold of human perceptibility
± 5 dB	Clearly noticeable change in noise level
± 10 dB	Half or twice as loud
± 20 dB	Much quieter or louder

Source: Bies and Hansen 2003.

Point and Line Sources

Noise may be generated from a point source, such as a piece of construction equipment, or from a line source, such as a road containing moving vehicles. Because noise spreads in an ever-widening pattern, the given amount of noise striking an object, such as an eardrum, is reduced with distance from the source. This is known as "spreading loss." The typical spreading loss for point source noise is 6 dBA per doubling of the distance from the noise source.

A line source of noise, such as vehicles proceeding down a roadway, would also be reduced with distance, but the rate of reduction is affected by of both distance and the type of terrain over which the noise passes. Hard sites, such as developed areas with paving, reduce noise at a rate of 3 dBA per doubling of the distance while soft sites, such as undeveloped areas, open space and vegetated areas reduce noise at a rate of 4.5 dBA per doubling of the distance. These represent the extremes and most areas would actually contain a combination of hard and soft elements with the noise reduction placed somewhere in between these two factors. Unfortunately the only way to actually determine the absolute amount of attenuation that an area provides is through field measurement under operating conditions with subsequent noise level measurements conducted at varying distances from a constant noise source.

Objects that block the line of sight attenuate the noise source if the receptor is located within the "shadow" of the blockage (such as behind a sound wall). If a receptor is located behind the wall, but has a view of the source, the wall would do little to reduce the noise. Additionally, a receptor located on the same side of the wall as the noise source may experience an increase in the perceived noise level, as the wall would reflect noise back to the receptor compounding the noise.

Noise Metrics

Several rating scales (or noise "metrics") exist to analyze adverse effects of noise, including traffic-generated noise, on a community. These scales include the equivalent noise level (L_{eq}), the community noise equivalent level (CNEL) and the day/night noise level (L_{dn}). L_{eq} is a measurement of the sound energy level averaged over a specified time period.

The CNEL noise metric is based on 24 hours of measurement. CNEL differs from L_{eq} in that it applies a time-weighted factor designed to emphasize noise events that occur during the evening and nighttime hours (when quiet time and sleep disturbance is of particular concern). Noise occurring during the daytime period (7:00 AM to 7:00 PM) receives no penalty. Noise produced during the evening time period (7:00 to 10:00 PM) is penalized by 5 dB, while nighttime (10:00 PM to 7:00 AM) noise is penalized by 10 dB. The L_{dn} noise metric is similar to the CNEL metric except that the period from 7:00 to 10:00 PM receives no penalty. Both the CNEL and L_{dn} metrics yield approximately the same 24-hour value (within 1 dB) with the CNEL being the more restrictive (i.e., higher) of the two.

Psychological and Physiological Effects of Noise

Physical damage to human hearing begins at prolonged exposure to noise levels higher than 85 dBA. Exposure to high noise levels affects the entire system, with prolonged noise exposure in excess of 75 dBA increasing body tensions, thereby affecting blood pressure and functions of the heart and the nervous system. In comparison, extended periods of noise exposure above 90 dBA would result in permanent cell damage. When the noise level reaches 120 dBA, a tickling sensation occurs in the human ear even with short-term exposure. This level of noise is called the threshold of feeling. As the sound reaches 140 dBA, the tickling sensation is replaced by the feeling of pain in the ear. This is called the threshold of pain. A sound level of 160 to 165 dBA will result in dizziness or loss of equilibrium. The ambient or background noise is widespread and generally more concentrated in urban areas than in outlying, less-developed areas (see Table 2).

Table 2
Sound Levels of Common Sources

<i>Noise Source</i>	<i>A-Weighted Sound Level in Decibels</i>	<i>Noise Environments</i>	<i>Subjective Evaluations Relative to 70 dB</i>
Near Jet Engine	140	Deafening	128 times as loud
Civil Defense Siren	130	Threshold of Pain	64 times as loud
Hard Rock Band	120	Threshold of Feeling	32 times as loud
Accelerating Motorcycle at a Few Feet Away	110	Very Loud	16 times as loud
Pile Driver; Noisy Urban Street/Heavy City Traffic	100	Very Loud	8 times as loud
Ambulance Siren; Food Blender	95	Very Loud	
Garbage Disposal	90	Very Loud	4 times as loud
Freight Cars; Living Room Music	85	Loud	
Pneumatic Drill; Vacuum Cleaner	80	Loud	2 times as loud
Busy Restaurant	75	Moderately Loud	
Near Freeway Auto Traffic	70	Moderately Loud	
Average Office	60	Quiet	One-half as loud
Suburban Street	55	Quiet	
Light Traffic; Soft Radio Music in Apartment	50	Quiet	One-quarter as loud
Large Transformer	45	Quiet	
Average Residence without Stereo Playing	40	Faint	One-eighth as loud
Soft Whisper	30	Faint	
Rustling Leaves	20	Very Faint	
Human Breathing	10	Very Faint	Threshold of Hearing

Source: Caltrans 1988.

Vibration

Vibration is an oscillatory motion through a solid medium in which the motion's amplitude can be described in terms of displacement, velocity, or acceleration. Vibration is normally associated with activities such as railroads or vibration-intensive stationary sources, but can also be associated with construction equipment, such as jackhammers, pile drivers, and hydraulic hammers. Vibration displacement is the distance that a point on a surface moves away from its original static position. The instantaneous speed that a point on a surface moves is described as the velocity, and the rate of change of the speed is described as the acceleration. Each of these descriptors can be used to correlate vibration to human response, building damage, and acceptable equipment vibration levels. During the construction of a building, the operation of construction equipment could cause groundborne vibration. The three main wave types of concern in the propagation of groundborne vibrations are surface or Rayleigh waves, compression or P-waves, and shear or S-waves.

- Surface or Rayleigh waves travel along the ground surface. They carry most of their energy along an expanding cylindrical wave front, similar to the ripples produced by throwing a rock into a lake. The particle motion is more or less perpendicular to the direction of propagation (known as retrograde elliptical).
- Compression or P-waves are body waves that carry their energy along an expanding spherical wave front. The particle motion in these waves is longitudinal, in a push-pull motion. P-waves are analogous to airborne sound waves.

- Shear or S-waves are also body waves, carrying their energy along an expanding spherical wave front. Unlike P-waves, however, the particle motion is transverse, or perpendicular to the direction of propagation.

The peak particle velocity (PPV) or the root mean square (RMS) velocity is usually used to describe vibration amplitudes. PPV is defined as the maximum instantaneous peak of the vibration signal and RMS is defined as the square root of the average of the squared amplitude of the signal. PPV is more appropriate for evaluating potential building damage, whereas RMS is typically more suitable for evaluating human response.

The units for PPV and RMS velocity are normally inches per second (in/sec). Often, vibration is presented and discussed in dB units to compress the range of numbers required to describe the vibration. All PPV and RMS velocity are in in/sec and all vibration levels in this study are in dB relative to 1 micro-inch per second (abbreviated as VdB). The threshold of perception is approximately 65 VdB. Typically groundborne vibration generated by manmade activities attenuates rapidly with distance from the source of the vibration. Manmade vibration problems are usually confined to short distances (500 feet or less) from the source.

Construction generally includes a wide range of activities that can generate groundborne vibration. In general, demolition of structures generates the highest vibrations. Vibratory compactors or rollers, pile drivers, and pavement breakers can generate perceptible amounts of vibration at distances within 200 feet of the vibration sources. Heavy trucks can also generate groundborne vibrations that vary, depending on vehicle type, weight, and pavement conditions. Potholes, pavement joints, discontinuities, differential settlement of pavement, etc., all increase the vibration levels from vehicles passing over a road surface. Construction vibration is normally of greater concern than vibration of normal traffic on streets and freeways with smooth pavement conditions. Trains generate substantial quantities of vibration due to their engines, steel wheels, and heavy loads.

Sensitive Receptors

Certain land uses are particularly sensitive to noise and vibration. Noise- and vibration-sensitive uses include land uses where quiet environments are necessary for enjoyment and public health and safety. Residences, schools, guest lodging, libraries, religious institutions, hospitals, nursing homes, and passive recreation areas are generally more sensitive to noise than commercial and industrial land use.

NOISE REGULATORY ENVIRONMENT

To limit exposure of people to intrusive and physically and/or psychologically damaging noise levels, the federal government, the State of California, some county governments, and most municipalities in the state have established standards and ordinances to control noise.

Noise

The United States Environmental Protection Agency (USEPA) has developed general guidelines for recommended maximum noise levels to protect public health and welfare and the hearing of workers exposed to occupational noise.

Vibration

The human reaction to various levels of vibration varies from person to persons and is highly subjective. Table 3 shows the level at which vibration becomes perceptible based on various types of land uses that are sensitive to vibration.

Table 3
Vibration Perceptibility

<i>Land Use Category</i>	<i>Max L_v (VdB)¹</i>	<i>Description</i>
Workshop	90	Distinctly felt vibration. Appropriate to workshops and nonsensitive areas
Office	84	Felt vibration. Appropriate to offices and non-sensitive areas.
Residential – Daytime	78	Barely felt vibration. Adequate for computer equipment.
Residential – Nighttime	72	Vibration not felt, but groundborne noise may be audible inside quiet rooms.

Source: FTA 2006.

¹ As measured in 1/3 octave bands of frequency over the frequency ranges of 8 to 80 Hz.

In addition to the vibration standards for human annoyance, the FTA also has vibration standards for architectural damage, as shown in Table 4. Architectural damage is possible when the peak particle velocity (PPV) exceeds 0.2 inch per second. This criterion is the threshold at which there is a risk of damage to residential buildings. For structures of reinforced concrete, steel, or timber, architectural damage is possible when the PPV exceeds 0.5 inch per second.

Table 4
Groundborne Vibration Impact Criteria, Architectural Damage

<i>Building Category</i>	<i>PPV (inches per second)¹</i>	<i>VdB</i>
I. Reinforced concrete, steel, or timber (no plaster)	0.5	102
II. Engineered concrete and masonry (no plaster)	0.3	98
III. Nonengineered timber and masonry buildings	0.2	94
IV. Buildings extremely susceptible to vibration damage	0.12	90

Source: FTA 2006.

¹ RMS velocity calculated from vibration level (VdB) using the reference of one micro-inch per second.

State

Interior Noise Standards

The State of California's noise insulation standards are codified in Title 24 California Code of Regulations, Building Standards Administrative Code, Part 2, California Building Code. These noise standards are for new construction in California for the purposes of interior compatibility with exterior noise sources. The regulations specify that acoustical studies must be prepared when noise-sensitive structures, such as residential, schools, or hospitals, are located near major transportation noises, and where such noise sources create an exterior noise level of 60 dBA CNEL or higher. Acoustical studies that accompany building plans must demonstrate that the structure has been designed to limit interior noise in habitable rooms to acceptable noise levels. For new residential buildings, schools, and hospitals, the acceptable interior noise limit for new construction is 45 dBA CNEL.

Noise Compatibility

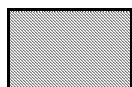
Cities and counties in California are preempted by federal law from controlling noise generated from most mobile sources, including noise generated by vehicles and trucks on the roadway, trains on the railroad, and airplanes. Therefore, Table 5 is used to gauge the compatibility of new development in the noise environment generated by mobile sources. Table 5 identifies normally acceptable, conditionally

acceptable, and clearly unacceptable noise levels for various land uses. A conditionally acceptable designation implies new construction or development should be undertaken only after a detailed analysis of the noise reduction requirements for each land use is made and needed noise insulation features are incorporated in the design. By comparison, a normally acceptable designation indicates that standard construction can occur with no special noise reduction requirements.

**Table 5
Community Noise and Land Use Compatibility**

Land Uses	CNEL (dBA)					
	55	60	65	70	75	80
Residential-Low Density Single Family, Duplex, Mobile Homes						
Residential- Multiple Family						
Transient Lodging: Hotels and Motels						
Schools, Libraries, Churches, Hospitals, Nursing Homes						
Auditoriums, Concert Halls, Amphitheaters						
Sports Arena, Outdoor Spectator Sports						
Playground, Neighborhood Parks						
Golf Courses, Riding Stables, Water Recreation, Cemeteries						
Office Buildings, Businesses, Commercial and Professional						
Industrial, Manufacturing, Utilities, Agricultural						

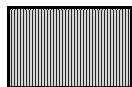
Explanatory Notes



Normally Acceptable:
With no special noise reduction requirements assuming standard construction.



Normally Unacceptable:
New construction is discouraged. If new construction does proceed, a detailed analysis of the noise reduction requirements must be made and needed noise insulation features included in the design.



Conditionally Acceptable:
New construction or development should be undertaken only after a detailed analysis of the noise reduction requirement is made and needed noise insulation features included in the design.



Clearly Unacceptable:
New construction or development should generally not be undertaken.

Source: California Office of Noise Control. *Guidelines for the Preparation and Content of Noise Elements of the General Plan*. February 1976. Adapted from the US EPA Office of Noise Abatement Control, Washington D.C. Community Noise. Prepared by Wyle Laboratories. December 1971.

LOCAL – City of Riverside

Stationary Noise Nuisance

The City of Riverside Municipal Code is used as the basis for defining stationary-source noise impacts on residents within the City. The standards as shown in Table 6 do not gauge the compatibility of developments in the noise environment, but provide restrictions on the amount of noise generated at a property, as measured at the property line of the noise receptor. The City’s noise ordinance is designed to protect people from objectionable nontransportation noise sources such as music, construction activity, machinery, pumps, and air conditioners.

**Table 6
City of Riverside Exterior Noise Standards**

<i>Land Use Category</i>	<i>Time Period</i>	<i>Maximum Permissible Noise Levels (dBA)</i>				
		<i>Leq</i>	<i>L₅₀</i>	<i>L₂₅</i>	<i>L₈</i>	<i>L₂</i>
Residential	Night (10:00 PM to 7:00 AM)	45	50	55	60	65
	Day (7:00 AM to 10:00 PM)	55	60	65	70	75
Office/Commercial	Anytime	65	70	75	80	85
Industrial	Anytime	70	75	80	85	90
Community Support	Anytime	65	70	75	80	85
Nonurban	Anytime	70	75	80	85	90

Source: City of Riverside, Municipal Code, Title 7, Noise Control, Section 7.25.010.

Note: If the measured ambient noise level exceeds the standard, the allowable noise exposure standard shall be increased in five decibel increments in each category as appropriate to encompass the ambient noise level.

The City of Riverside also exempts several activities from the noise limitations of the Municipal Code. Under Section 7.35.020(B), the city does not restrict noise levels from school bands, school athletic activities, and school entertainment events.

Construction Noise

The city regulates construction activities under Municipal Code Section 7.35.010(B)(5). The city prohibits operation of tools or equipment used in construction, drilling, repair, alteration, grading, or demolition work between the hours of 7:00 PM and 7:00 AM on weekdays, between 5:00 PM and 8:00 AM on Saturdays, or at any time on Sunday or federal holidays. However, construction activities that do not exceed the maximum permitted noise level (see Table 3) are allowed to occur in the nighttime.

EXISTING NOISE ENVIRONMENT

The primary source of noise is local traffic on Chicago Avenue, 3rd Street, and Linden Street and stationary noise at the existing North High School campus(outdoor athletic activities, special events, bells, parking lot noise). State Route 60 (SR-60), to the northeast of the site, is also audible. Other sources of noise in the vicinity are from mechanical systems (heating, ventilation, and air conditioning [HVAC]) and other stationary sources of noise from the existing North High School campus and the adjacent commercial and residential areas.

Traffic Noise Modeling

Noise from motor vehicles is generated by engine vibrations, the interaction between tires and the road, and the exhaust system. Reducing the average motor vehicle speed reduces the noise exposure of receptors adjacent to the road. Each reduction of five miles per hour reduces noise by about 1 dBA. In order to assess the potential for mobile-source noise impacts, it is necessary to determine the noise currently generated by vehicles traveling through the project area. Average daily traffic (ADT) volumes were based on the existing daily traffic volumes provided by Garland Associates (2011). The results of this modeling indicate that average noise levels along arterial segments currently range from approximately 69.2 to 73.6 dBA CNEL. Noise levels for existing conditions along analyzed roadways are presented in Table 7.

Table 7
Existing Traffic Noise Levels
(dBA CNEL)

Segment	ADT Volumes	Speed Limit	dBA CNEL¹
Linden Street			
w/o Chicago Avenue	12,020	35	69.2
e/o Chicago Avenue	12,200	40	70.3
3rd Street			
w/o Chicago Avenue	16,050	40	71.5
e/o Chicago Avenue	26,050	40	73.6
Chicago Avenue			
n/o Linden Street	20,130	40	72.5
s/o Linden Street	20,050	40	72.5

Source: FHWA, Highway Traffic Noise Prediction Model. Based on traffic volumes and speed limits obtained from the traffic analysis prepared by Garland Associates (2011).

ADT – average daily trips; w/o: west of; e/o: east of; n/o: north of; s/o: south of; btwn: between.

¹ Noise levels calculated at 50 feet from the roadway centerline.

Methodology

The analysis of noise impacts considers project construction and operations noise as defined by the Riverside Unified School District (for noise compatibility), the City of Riverside (for stationary and construction noise impacts), and the Federal Transit Administration (FTA) methodology (for construction vibration impacts). The proposed project would have a significant adverse noise impact if the project results in any of the following:

Noise Compatibility

The noise compatibility criteria identified by the state of California is used to evaluate the acceptability of the noise levels for placement of the new gymnasium. The State's noise compatibility criteria show that schools are conditionally acceptable in a noise environment up to 70 dBA CNEL. The California Building Code also requires that classrooms and other noise-sensitive interior spaces achieve a 45 dBA CNEL noise standard.

Substantial Increase in Traffic Noise Levels

The traffic noise thresholds are based on human tolerance to noise (see Table 1) and are widely used for assessing traffic noise impacts. In general, people tend to compare intruding noise with the existing background noise. If the new noise is readily identifiable or considerably louder than the background, it

has the potential to be objectionable or annoying (Caltrans 1998). Consequently, the threshold for increase in traffic noise levels is based on the potential for traffic noise to become considerably louder than the ambient noise level. In general, noise levels must increase by 10 dBA in order to double ambient noise levels. An increase of 5 dBA is readily perceptible to the public and a 3 dBA increase is barely perceptible to the average healthy human ear (Caltrans 1998). Based on the state's noise compatibility criteria of 65 dBA CNEL for residential uses, the District considers audible (3+ dBA) increases in project-related traffic noise to be substantial when the ambient noise environment with the project exceeds 65 dBA CNEL. For cumulative impacts, the District considers segments where the project contributes any increase in noise levels (0.1 dBA or more) to be substantial when cumulative increase in ambient noise levels are 3 dBA or more and noise levels are in excess of the state's noise compatibility criteria.

Stationary-Source Noise

The stationary noise thresholds are based on a combination of the human tolerance to noise (see Table 1) and local criteria for stationary noise sources as established by the City of Riverside for noise control (see Table 6). In general, noise from school bands, school athletic activities, and school entertainment events are exempt from the noise limits of the City of Riverside Municipal Code (Section 7.35.020(B)). Noise impacts are based on not only the magnitude of noise but the frequency of occurrence. Therefore, for temporary or periodic increase in noise levels, like an event held at the aquatic center or stadium, the increase in noise would have to be clearly noticeable (+5 dBA) and exceed the nuisance criteria of the municipal code. However, for long-term use of athletic fields, such as gym class, intramural sports, and joint-use of the athletic fields, impacts are significant if the increase in noise would be barely audible (+3 dBA) and exceed the dBA L_{eq} during the daytime.

Construction

The City of Riverside's Noise Ordinance regulates the timing of construction activities. No construction shall be permitted outside of the hours specified in Section 7.35.010(B)(5) of the City of Riverside's Municipal Code. The City of Riverside restricts construction activities to the daytime hours of 7:00 AM and 7:00 PM Monday through Friday and between the hours of 8:00 AM and 5:00 PM on Saturdays. The potential for construction noise impacts to be objectionable depends on the magnitude of noise generated by the construction equipment, the frequency of noise sources during the construction day, and total duration of construction activities.

Vibration

Based on the FTA vibration criteria, vibration annoyance impacts are considered significant when average vibration levels produced by construction equipment would produce excessive levels of vibration (78 VdB) during the daytime at offsite vibration-sensitive structures. In addition, the vibration level at which there is a risk of architectural damage is based on the FTA criteria (0.2 in/sec for typical wood-framed buildings or 0.5 in/sec at reinforced concrete, steel, or timber).

REFERENCES

California Department of Transportation (Caltrans). 1998. Technical Noise Supplement.

Bies, David A. and Colin H. Hansen. 2003. *Engineering Noise Control: Theory and Practice*. 3rd ed. New York: Spoon Press.

Bolt, Beranek and Newman, Inc. 1971. *Noise from Construction Equipment and Operations, Building Equipment and Home Appliances*. Prepared for the United States Environmental Protection Agency. Washington, DC.

Federal Highway Administration (FHWA). 1978, December. *Federal Highway Traffic Noise Prediction Model*, U.S. Dept. of Transportation. Report No. FHWA-RD77-108.

Federal Transit Administration (FTA). 2006, May. *Transit Noise and Vibration Impact Assessment*. United States Department of Transportation. FTA-VA-90-1003-06.

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Riverside, City of. 2010. General Noise Regulations Chapter 7.35, City of Riverside Municipal Code.

Society of Automotive Engineers, Inc. (SAE). 1971, October. *House Noise – Reduction Measurements for Use in Studies of Aircraft Flyover Noise*. AIR 1081.

SoundPLAN LLC, Braunstein, Berndt GmbH. SoundPlan Computer Model. Version 6.5.

Construction Generated Noise

Construction Noise at 50 Feet (dBA Leq)

Construction Phase	All Applicable Equipment in Use	Minimum Required Equipment in Use
Ground Clearing/Demolition	84	84
Excavation	89	79
Foundation Construction	78	78
Building Construction	87	75
Finishing and Site Cleanup	89	75

Nearest Residents - South of Linden Street and West of Chicago Avenue

Maximum Construction Noise (dBA Leq)
Closest Distance (Feet): 310

Construction Phase	All Applicable Equipment in Use	Minimum Required Equipment in Use
Ground Clearing/Demolition	60	60
Excavation	65	55
Foundation Construction	54	54
Building Construction	63	51
Finishing and Site Cleanup	65	51

Average Construction Noise (dBA Leq)
Average Distance (Feet): 610

Construction Phase	All Applicable Equipment in Use	Minimum Required Equipment in Use
Ground Clearing/Demolition	51	51
Excavation	56	46
Foundation Construction	45	45
Building Construction	54	42
Finishing and Site Cleanup	56	42

Nearest Onsite Classrooms - 400 Building

Maximum Construction Noise (dBA Leq)
Closest Distance (Feet): 10

Construction Phase	All Applicable Equipment in Use	Minimum Required Equipment in Use
Ground Clearing/Demolition	105	105
Excavation	110	100
Foundation Construction	99	99
Building Construction	108	96
Finishing and Site Cleanup	110	96

Average Construction Noise (dBA Leq)
Average Distance (Feet): 250

Construction Phase	All Applicable Equipment in Use	Minimum Required Equipment in Use
Ground Clearing/Demolition	63	63
Excavation	68	58
Foundation Construction	57	57
Building Construction	66	54
Finishing and Site Cleanup	68	54

Source: Bolt, Beranek and Newman, "Noise from Construction Equipment and Operations, Building Equipment, and Home Appliances," prepared for the USEPA, December 31, 1971. Based on analysis for Office Building, Hotel, Hospital, School, and Public Works.

Construction Generated Vibration

Vibration Annoyance Criteria

Nearest Residents - South of Linden Street and West of Chicago Avenue

Maximum Vibration Levels -

Closest Distance (feet): 310

Equipment	Approximate Velocity Level at 25 ft, VdB	Approximate Velocity Level, VdB
Large bulldozer	87	65
Small bulldozer	58	36
Jackhammer	79	57
Loaded trucks	86	64
	Criteria	78

Average Vibration Level -

Average Distance (feet): 610

Equipment	Approximate Velocity Level at 25 ft, VdB	Approximate Velocity Level, VdB
Large bulldozer	87	59
Small bulldozer	58	30
Jackhammer	79	51
Loaded trucks	86	58
	Criteria	78

Nearest Onsite Classrooms - 400 Building

Maximum Vibration Levels -

Closest Distance (feet): 10

Equipment	Approximate Velocity Level at 25 ft, VdB	Approximate Velocity Level, VdB
Large bulldozer	87	95
Small bulldozer	58	66
Jackhammer	79	87
Loaded trucks	86	94
	Criteria	78

Average Vibration Level -

Average Distance (feet): 250

Equipment	Approximate Velocity Level at 25 ft, VdB	Approximate Velocity Level, VdB
Large bulldozer	87	67
Small bulldozer	58	38
Jackhammer	79	59
Loaded trucks	86	66
	Criteria	78

Construction Generated Vibration

Architectural Damage Criteria

Nearest Residents - South of Linden Street and West of Chicago Avenue

Closest Distance (feet): 310

Equipment	Approximate RMS a Velocity at 25 ft, inch/second	Approximate RMS Velocity Level, inch/second
Large bulldozer	0.089	0.002
Small bulldozer	0.003	0.000
Jackhammer	0.035	0.001
Loaded trucks	0.076	0.002
	Criteria	0.200

Nearest Onsite Classrooms - 400 Building

Closest Distance (feet): 10

Equipment	Approximate RMS a Velocity at 25 ft, inch/second	Approximate RMS Velocity Level, inch/second
Large bulldozer	0.089	0.352
Small bulldozer	0.003	0.012
Jackhammer	0.035	0.138
Loaded trucks	0.076	0.300
	Criteria	0.200

Based on distance to nearest structure

Notes: RMS velocity calculated from vibration level (VdB) using the reference of one microinch/second.

Source: Based on methodology from the United States Department of Transportation Federal Transit Administration, *Transit Noise and Vibration Impact Assessment* (2006).

Noise Modeling of Daytime Athletic Field Activities at Noise-Sensitive Uses

Monitored Noise Levels

Outdoor Athletic Fields	Initial Sound Pressure						Initial number of noise	Measurement Distance	Based on Noise
	Leq	L50	L25	L16	L8	Lmax			
Tennis Courts	59.5	58.6	60.0	60.8	62.1	73.3	10	20	Tennis
Basketball Courts	63.6	61.9	64.0	65.3	66.9	77.1	12	27	Basketball

Daytime Play Field Noise Levels at Existing Residence to North - Single Family Homes

Outdoor Athletic Fields	New number of noise	Hard Ground?	Hard (0) or Soft Site	Distance to Property Line	Future Sound Pressure					
					Leq	L50	L25	L16	L8	Lmax
Tennis Courts	8	Yes	0.00	690	27.8	26.9	28.3	29.1	30.4	41.6
Basketball Courts	23	Yes	0.00	1140	33.9	32.2	34.3	35.6	37.2	47.4
Total Number of Students Outside	31			Combined Noise Level	34.9	33.3	35.3	36.5	38.0	48.4

Athletic Field Noise data obtained from noise monitoring of Sports Activities conducted by The Planning Center at Miles Square Park in Fountain Valley, California.

Federal Highway Administration (FHWA) Traffic Noise Prediction Model																
Roadway Segment	S P E E D	24-hour Traffic Volume			Distance to CNEL from Roadway Centerline											
		Existing	Future Without Project	Future With Project	Existing				Future No Project				Future With Project			
					50.0	60	65	70	50.0	60	65	70	50.0	60	65	70
					Feet	CNEL	CNEL	CNEL	Feet	CNEL	CNEL	CNEL	Feet	CNEL	CNEL	CNEL
Linden Street (west of Chicago Avenue)	35	12,020	12,740	12,820	69.2	206	96	44	69.5	214	99	46	69.5	215	100	46
Linden Street (east of Chicago Avenue)	40	12,200	12,920	13,620	70.3	243	113	52	70.6	253	117	54	70.8	262	122	56
3rd Street (west of Chicago Avenue)	40	16,050	17,010	17,160	71.5	292	136	63	71.8	304	141	65	71.8	306	142	66
3rd Street (east of Chicago Avenue)	40	26,050	27,610	27,760	73.6	404	187	87	73.9	420	195	90	73.9	421	195	91
Chicago Avenue (north of Linden Street)	40	20,130	21,330	21,800	72.5	340	158	73	72.7	353	164	76	72.8	358	166	77
Chicago Avenue (south of Linden Street)	40	20,050	21,250	21,400	72.5	339	157	73	72.7	352	164	76	72.8	354	164	76

Assumptions:

Based on the traffic impact analysis by Garland and Associates (July 2011).

Federal Highway Administration Highway Traffic Noise Prediction Model, December, 1978. Baseline California vehicle noise levels from Caltrans, TAN 95-03, 1995

Simplified to 2 lanes 6 meters= 20.0
future 6 meters= 20.0

Noise path decay parameter for hard site
Site parameter: 0

24-hour distribution of traffic volumes based on: Day 75% LDA 93%
 Evening 14% MDT 3%
 Night 11% HDT 4%

HALFSEP 1/2 lane separation 6
HALFSEPFUT 1/2 lane separation (future) 6

California base noise levels:

Autos 5.2+38.8 Log10 (speed, mi/hr) = -2.8 + 38.8 Log10 (speed, km/hr)
Light trucks: 35.3 + 25.6 Log10 (speed, mi/hr) = 30 + 25.6 Log10 (speed, km/hr)
Heavy trucks: 25-31 mi/hr: 51.9 + 19.2 Log10 (speed, mi/hr) = 47.9 + 19.2 Log10 (speed, km/hr)
 35-65 mi/hr: 50.4 + 19.2 Log10 (speed, mi/hr) = 46.4 + 19.2 Log10 (speed, km/hr)
 31-35 mi/hr: straight line interpolation between above two curves

Fleet Mix Assumptions for Noise Modeling

Sources:

California Department of Transportation, Traffic Data Branch. <http://traffic-counts.dot.ca.gov>. Accessed July 21, 2011. Based on fleet mix for Route 215, Spruce Street ramp.

Riverside, County of Department of Public Health, Office of Industrial Hygiene. 2009, November. Requirements for Determining and Mitigating Traffic Noise Impacts to Residential Structures. <http://www.rivcoph.org/indhyg/services.html>

Major, Arterial Highways, or Expressways

Fleet Mix (Caltrans 2011)		Time of Day Distribution (Riverside County 2009)		
Vehicle	Overall %	Day (7 AM to 7 PM)	Evening (7 PM to 10 PM)	Night (10 PM to 7 AM)
Auto	92.7%	69.5	12.9	9.6
Medium Truck	2.9%	1.44	0.06	1.5
Heavy Truck	4.4%	2.4	0.1	2.5
		73%	13%	14%

Secondary, Collectors, or Smaller

Fleet Mix (Caltrans 2011)		Time of Day Distribution (Riverside County 2009)		
Vehicle	Overall %	Day (7 AM to 7 PM)	Evening (7 PM to 10 PM)	Night (10 PM to 7 AM)
Auto	92.7%	73.6	13.6	10.22
Medium Truck	2.9%	0.9	0.04	0.9
Heavy Truck	4.4%	0.35	0.04	0.35
		75%	14%	11%

**Board Meeting Agenda
March 5, 2012**

Topic: Resolution No. 2011/12-41 – Resolution of the Board of Education of the Riverside Unified School District Rendering City and County Zoning Ordinances Inapplicable to the John W. North High School Athletic Facilities Master Plan Completion Project Pursuant to Government Code Section 53094

Presented by: Janet Dixon, Director, Planning and Development

Responsible

Cabinet Member: Kirk Lewis, Ed.D, Assistant Superintendent, Operations

Type of Item: Action

Short Description: The Board will consider invoking its authority to render city and county ordinances inapplicable to the John W. North High School Athletic Facilities Master Plan Completion project.

DESCRIPTION OF AGENDA ITEM:

The John W. North High School Athletic Facilities Master Plan Completion project (Project) as currently proposed may not comply with all City of Riverside municipal code (MC) requirements. The City has asked that the marquee at the corner of Chicago Avenue and Third Street comply with MC Chapter 19.620, General Sign Provisions. Additionally, the proposed project will not meet MC requirements to provide all stadium parking spaces onsite and limiting the height of the field lighting poles. The proposed project would be inconsistent with local ordinances if this resolution does not pass.

Under Education Code Section 53094, the Governing Board by a two-thirds vote, may render these and other local requirements from the City of Riverside and County of Riverside inapplicable to the project. Approval of the resolution would allow the District to implement and operate the proposed project without any restrictions that may be imposed by City and County Zoning Ordinances.

FISCAL IMPACT: None

RECOMMENDATION: It is recommended that the Governing Board approve Resolution No. 2011/12-41, which renders city and county ordinances inapplicable to the John W. North High School Athletic Facilities Master Plan Completion project.

ADDITIONAL MATERIAL: Resolution No. 2011/12-41.

Attached: Yes

RESOLUTION NO. 2011/12-41

RESOLUTION OF THE BOARD OF EDUCATION OF THE RIVERSIDE UNIFIED SCHOOL DISTRICT RENDERING CITY AND COUNTY ZONING ORDINANCES INAPPLICABLE TO THE JOHN W. NORTH HIGH SCHOOL ATHLETIC FACILITIES MASTER PLAN COMPLETION PROJECT PURSUANT TO GOVERNMENT CODE SECTION 53094

WHEREAS, the Riverside Unified School District (“District”) proposes to implement the John W. North High School Athletic Facilities Master Plan Completion (“Project”); and

WHEREAS, the capital improvements under the Project that are the subject of this resolution are limited to recreational facilities and amenities for student use and operation of the high school; and

WHEREAS, certain elements of the Project, such as but not limited to the design and operation of the marquee, the height of the field lighting poles, and providing onsite stadium parking spaces may not conform to requirements specified in the City and County Zoning Ordinances; and

WHEREAS, prior to approving the Project, the District prepared and circulated for public review a Mitigated Negative Declaration (“MND”) for the Project pursuant to Public Resources Code Section 21000 et seq., the California Environmental Quality Act (“CEQA”), State Clearinghouse Number 2011121033; and

WHEREAS, Government Code Section 53094 authorizes the District Board of Education to render any zoning ordinance of the City of Riverside and County of Riverside, for which the property resides, inapplicable to the District uses by a two-thirds vote.

NOW, THEREFORE, the District Board of Education resolves as follows:

RESOLVED, that the Board of Education hereby invokes its authority under Government Code Section 53094 to exempt the Project from city and county ordinances; and be it finally

RESOLVED, that the Board of Education notify the City of Riverside and County of Riverside of its Resolution to render inapplicable the zoning ordinances for purposes of implementing the Project, immediately following the adoption of this Resolution.

ADOPTED, SIGNED AND APPROVED this 5th day of March, 2012.

RIVERSIDE UNIFIED SCHOOL DISTRICT BOARD OF
EDUCATION

By _____
Gayle Cloud
President of the Riverside Unified
School District Board of Education

ATTEST:

Kathy Y. Allavie
Clerk of the Riverside Unified
School District Board of Education

**Board Meeting Agenda
March 5, 2012**

Topic: Budget Planning for 2012-13 – Reflection, Discussion and Action for Budget Considerations for the 2012-13 Fiscal Year

Presented by: Michael H. Fine, Deputy Superintendent, Business Services and Governmental Relations

Responsible Cabinet Member: Michael H. Fine, Deputy Superintendent, Business Services and Governmental Relations

Type of Item: Action Item

Short Description: The Board of Education will be asked to review recommendations for budget considerations for the 2012-13 fiscal year, and take the necessary action to approve, reject or revise budget reduction considerations as appropriate.

DESCRIPTION OF AGENDA ITEM:

Background

As has been the practice in the past, the budget development cycle involves multiple concurrent processes that converge with Superintendent/Cabinet review and Board of Education approval. The Superintendent/Cabinet has provided suggested perspectives to help guide the budget discussion. The guiding perspectives are based on three questions, 1) “What do we do well and what should we preserve and enhance?” 2) “What things are necessary for our continued health and well-being as an educational institution?” and 3) “What things are necessary for our growth and future prosperity?” Each of these questions and the outline of answers provided to the Board of Education on February 21 are consistent with the Board-adopted District goals for 2011-12.

Staff updated the Board of Education on September 6, 2011, with regard to the District’s 2011-12 budget and multi-year projections based on updated information from local and state sources. The District’s First Period Interim Report was prepared and approved by the Board on December 5, 2011. The First Period Interim Report identifies a combined General Fund deficit of \$29.4 million for the 2011-12 fiscal year based on anticipated funding levels. Subsequent to the First Period Interim Report, the state settled on updated revenue projections for 2011-12 and “pulled” the mid-year budget reduction triggers that, after being amended by Senate Bill 81, had an adverse impact on the District for the current year of \$2.5 million (all of which was planned in the interim period).

On January 5, 2012, the governor released his initial 2012-13 state budget proposals. The proposal confirms earlier information that the state is facing a \$9.2 billion shortfall for the 18 month period ending June 2013. The impact of the governor's initial "Plan B" state budget proposals for 2012-13 is preliminarily quantified to have an adverse impact on RUSD of \$16.2 million, with a range of impact as high as \$20 million based on current estimates. The Board of Education heard a report on the governor's proposals and their impact on RUSD at their February 6 and February 21, 2012 meetings.

Approach

The 2012-2013 Budget Planning has been discussed by the Board Finance Subcommittee on February 8 and again on February 28. The Board Finance Subcommittee has recommended that the District prepare the 2012-13 budget planning using "Approach #4" which assumes budget solutions from a combination of use of fund balances and program reductions. Budget mitigation measures from fund balances are one-time in nature for 2012-13 only. Budget mitigation measures from program reductions may be recurring in nature for 2012-13 and beyond.

"Approach #4", reviewed with the Board on February 21, basically describes an approach that is designed to avoid increasing the recurring structural deficit of the District and avoid diminishing General Fund reserves that have been planned to cover the structural debt for the next two fiscal years. A related underlying goal is to minimize the number of personnel impacts.

RUSD has a recurring structural deficit between \$18 million and \$20 million caused by expenditures being greater than revenues on an annual basis. Through roughly 2013-14, the structural deficit is covered by one-time reserves.

Mitigation Measures

Consistent with the goal of not increasing the structural deficit or decreasing reserve levels, budget solutions must include 1) use of other one-time reserves, and/or 2) dollar-for-dollar budget reductions. As indicated above "Plan B" has an adverse value of \$16 million to \$20 million depending on the interpretation of the pupil transportation funding proposal. In order to proceed with the initial planning scenarios, staff recommends using \$16.2 million of impacts for budget planning purposes (admittedly the low end of the range of potential impacts).

Staff recommended 11 mitigation measures to the Board Finance Subcommittee on February 28. The Board Finance Subcommittee reviewed each recommended action and concurred that they meet the objectives outlined above. Those mitigation measures were adopted by the Board of Education at a special meeting on February 29, and provide the basis for reductions of certificated particular kinds of services (PKS) that the Board of Education will consider on concurrently with this item March 5, 2012.

Other mitigation measures may be recommended in the weeks ahead. Additionally, at the March 5 Board of Education meeting, the Board of Education asked that further discussion be held regarding certificated reductions.

FISCAL IMPACT: Mitigation Measures #1 - #11 total \$17.5 million.

RECOMMENDATION: It is recommended that the Board of Education 1) review mitigation measures, 2) take the necessary action to approve, reject or revise budget reduction solutions as appropriate, and/or 3) discuss and provide direction regarding the budget development process.

ADDITIONAL MATERIAL: None

Attached: No