

**SUBMITTAL TO THE FLOOD CONTROL AND WATER CONSERVATION DISTRICT BOARD
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

103B



FROM: General Manager-Chief Engineer

SUBMITTAL DATE:
December 6, 2011

SUBJECT: Public Hearing for Mira Loma – Beach Street Storm Drain
Project No. 1-0-00137

RECOMMENDED MOTION:

Adopt Resolution No. F2011-21 which

1. Finds that the Mira Loma – Beach Street Storm Drain, Project No. 1-0-00137 [Project] will not have a significant adverse effect upon the environment and is in compliance with the Western Riverside County Multiple Species Habitat Conservation Plan;
2. Adopts a Mitigated Negative Declaration and Project Features and Environmental Commitments Monitoring Program Table;
3. Authorizes the District to proceed with the Project; and
4. Directs the Clerk of the Board to deliver the Mitigated Negative Declaration and the Notice of Determination to the office of the County Clerk and the State Office of Planning and Research for filing within five (5) working days of this Board hearing.

BACKGROUND:

This hearing is in accordance with the requirements for CEQA and Section 18 of the District Act.

FINANCIAL:

N/A

Warren D. Williams
WARREN D. WILLIAMS
General Manager-Chief Engineer

FINANCIAL DATA	Current F.Y. District Cost:	N/A	In Current Year Budget:	N/A
	Current F.Y. County Cost:	N/A	Budget Adjustment:	N/A
	Annual Net District Cost:	N/A	For Fiscal Year:	N/A

SOURCE OF FUNDS: N/A

Positions To Be Deleted Per A-30

Requires 4/5 Vote

APPROVE

C.E.O. RECOMMENDATION:

BY: *Michael R. Shetler*
Michael R. Shetler

County Executive Office Signature

FORM APPROVED COUNTY COUNSEL
BY: *Larisa R-Mickenna*
DATE: 12/2/11
LARISA R-MICKENNA

Policy
 Policy
 Consent
 Consent
 Dep't Recomm.:
 Per Exec. Ofc.:

Prev. Agn. Ref.: 11.1 of 10/18/11 | District: 2nd | Agenda Number:

11.3

1
2 BOARD OF SUPERVISORS

RIVERSIDE COUNTY FLOOD CONTROL
AND WATER CONSERVATION DISTRICT

3 RESOLUTION NO. F2011-21
4 APPROVING MIRA LOMA – BEACH STREET STORM DRAIN PROJECT

5 WHEREAS, on October 18, 2011, the Board adopted Resolution No. F2011-20 pursuant
6 to Section 18 of the District Act giving notice of its intention to adopt a Mitigated Negative
7 Declaration (MND) and approve construction of a project in Zone 1, within the city of Jurupa
8 Valley, designated as Mira Loma – Beach Street Storm Drain Project ["Project"] and giving
9 further notice that the Project and MND would be considered at a public hearing on December 6,
10 2011; and

11 WHEREAS, notice of the public hearing was properly made by publication and posting
12 as required by law, and all persons desiring to be heard on the matter were given the opportunity
13 to appear and present testimony, both oral and written; and

14 WHEREAS, all requirements of the California Environmental Quality Act and the
15 District Rules to Implement the Act have been met and the General Manager-Chief Engineer of
16 the District has found that the Project will not have a significant adverse effect upon the
17 environment and has completed a Mitigated Negative Declaration; now, therefore,

18 BE IT RESOLVED, DETERMINED AND ORDERED by the Board of Supervisors of
19 the Riverside County Flood Control and Water Conservation District in regular session
20 assembled on December 6, 2011 based upon the evidence and testimony presented on the matter,
21 both written and oral, that:

22 1. The Project is not within the Criteria Area set forth in and established by the
23 Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP).

24 2. The Project is consistent with the Riparian/Riverine Area and Vernal Pool
25 requirements of the MSHCP. Pursuant to Section 6.1.2 of the MSHCP, Riparian/Riverine areas
26 are lands which contain habitat dominated by trees, shrubs, persistent emergents, or emergent
27 mosses and lichens, which occur close to or which depend upon soil moisture from a nearby
28

FORM APPROVED COUNTY COUNSEL
BY: *Larisa R-Mckenna* DATE: 12/21/11
LARISA R-MCKENNA

1 freshwater source, or areas with freshwater flow during all or a portion of the year. Vernal Pools
2 are seasonal wetlands that occur in depression areas that have wetland indicators of all three
3 parameters (soils, vegetation and hydrology) during the wetter portion of the growing season. It
4 has been determined that the Project area does not contain any Vernal Pools, nor does it include
5 Riparian/Riverine Areas as defined by the MSHCP. In addition, the proposed storm drain
6 alignment does not contain suitable habitat for least Bell's vireo, Southwestern Willow
7 Flycatcher or Western Yellow-Billed Cuckoo. Therefore, no further surveys or conservation
8 measures are required.

9 3. The Project is consistent with the Narrow Endemic Plant Species requirements of
10 the MSHCP. Pursuant to Section 6.1.3 of the MSHCP, habitat assessments and/or focused
11 surveys for certain narrow endemic plant species are required for properties within mapped
12 survey areas. The survey area maps have been reviewed and the Project is not within a mapped
13 survey area for Narrow Endemic Plant Species. Therefore, no further surveys or conservation
14 measures are required.

15 4. The Project is consistent with the Urban-Wildlands Interface requirements of the
16 MSHCP. Section 6.1.4 of the MSHCP presents guidelines to minimize indirect effects of a
17 project in proximity to the MSHCP Conservation Area. This section provides mitigation
18 measures for impacts associated with: Drainage, Toxics, Lighting, Noise, Invasives, Barriers
19 and Grading/Land Development. The Project has been reviewed and it has been determined the
20 Project does not occur within or adjacent to the Criteria Area or MSHCP designated
21 Public/Quasi-Public conservation lands. Therefore, no further analysis or implementation of any
22 conservation measures is required.

23 5. The Project is consistent with the Database Updates/Additional Surveys
24 requirements of the MSHCP. Pursuant to Section 6.3.2 of the MSHCP, habitat assessments
25 and/or focused surveys for certain additional plant and animal species are required for properties
26 within mapped survey areas. The survey area maps have been reviewed and the Project is not
27

1 within a mapped survey area. Therefore, no further surveys or conservation measures are
2 required.

3 6. The Project is consistent with the Pubic/Quasi-Public Land provisions contained in
4 Section 3.2.1 of the MSHCP. Section 3.2.1 describes lands within the MSHCP conservation area
5 including those designated as Public/Quasi-Public (PQP) Lands. Section 3.2.1 states that if a
6 Permittee elects to use property currently depicted as PQP Lands in a way that alters the land use
7 such that it would not contribute to Reserve Assembly, the Permittee shall locate and acquire or
8 otherwise encumber replacement acreage at a minimum ratio of 1:1. The Permittee must make
9 findings that the replacement acreage is biologically equivalent or superior to the existing
10 property. The Project has been reviewed and it has been determined the Project does not occur
11 within MSHCP designated PQP Lands. Therefore, no further analysis is required.

12 7. There is no substantial evidence in light of the whole record that the Project, with
13 mitigation, may have a significant effect upon the environment, and the Mitigated Negative
14 Declaration represents the independent judgment of the District.

15 8. The Mitigated Negative Declaration and Project Features and Environmental
16 Commitments Monitoring Program Table are hereby adopted.

17 9. The project designated as Mira Loma – Beach Street Storm Drain Project is
18 approved and the District is hereby authorized to proceed with the project.

19 BE IT FURTHER RESOLVED that, within five (5) working days of this Board hearing,
20 the Clerk of the Board is directed to deliver the adopted Mitigated Negative Declaration and the
21 Notice of Determination to the Office of the County Clerk and Recorder, who are thereby
22 directed to file same, and the Clerk of the Board is further directed to deliver the Notice of
23 Determination to the State Office of Planning and Research, all as required by law.
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RIVERSIDE COUNTY CLERK-RECORDER

AUTHORIZATION TO BILL

TO BE FILLED OUT BY SUBMITTING AGENCY

DATE: 11/17/2011 BUSINESS UNIT/AGENCY: FLOOD CONTROL - FCARC

ACCOUNTING STRING:

ACCOUNT: 526410 FUND: 25110

DEPT ID: 947400 PROGRAM: _____

AMOUNT: \$2,108.00

REF: FINAL CEQA POSTING FOR MIRA LOMA - BEACH ST SD 221-1-8-00137-01-30

THIS AUTHORIZES THE COUNTY CLERK & RECORDER TO ISSUE AN INVOICE FOR PAYMENT OF ALL FEES FOR THE ACCOMPANYING DOCUMENTS.

NUMBER OF DOCUMENTS INCLUDED: 4

AUTHORIZED BY: STUART MCKIBBIN

PRESENTED BY: KAHLIL AMIN

CONTACT: LISA MCFARLAND 951-955-8454 *lfm*

TO BE FILLED OUT BY COUNTY CLERK

ACCEPTED BY: _____

DATE: _____

DOCUMENT NO(S)/INVOICE NO(S): _____

FILED
RIVERSIDE COUNTY

001 31 2011
BOARD OF SUPERVISORS

RIVERSIDE COUNTY FLOOD CONTROL
AND WATER CONSERVATION DISTRICT

2 LAKEVIEW W. WARD, CLERK
By 13 M. Meyer Deputy

**RESOLUTION NO. F2011-20
SETTING A PUBLIC HEARING DATE FOR
MIRA LOMA – BEACH STREET STORM DRAIN PROJECT
AND GIVING NOTICE OF INTENT TO ADOPT A
MITIGATED NEGATIVE DECLARATION THEREFOR
IN ACCORDANCE WITH SECTION 18 OF THE DISTRICT ACT
AND THE CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA)**

WHEREAS, this Board intends to undertake a project within the city of Jurupa Valley, designated as Mira Loma – Beach Street Storm Drain Project ["Proposed Project"]; and

WHEREAS, the Proposed Project is located in Beach Street between 58th Street and 54th Street and Beach Street to Cedar Street; and

WHEREAS, the Proposed Project consists of the construction and subsequent operation and maintenance of approximately 6,400 lineal feet of underground storm drain system; and

WHEREAS, reference is made to the engineering estimate of the cost of the Proposed Project, entitled "Engineer's Statement" on file with the Clerk of the Board; and

WHEREAS, reference is made to a map dated June 2011, bearing the name and showing the general location and typical section of the Proposed Project which is also on file with the Clerk of the Board; and

WHEREAS, the General Manager-Chief Engineer of the District has found that the Proposed Project will not have a significant adverse effect on the environment and has prepared a Mitigated Negative Declaration which will not become final until adopted by this Board; and

WHEREAS, any person wishing to comment on the Proposed Project or the Mitigated Negative Declaration may do so in writing between the date of this notice and the public hearing, or may appear and be heard at the time and place noted below; and

WHEREAS, in a subsequent legal challenge any person may be limited to raising only those issues he, she or someone else raised at the public hearing described in this notice, or in written comments delivered before or at the public hearing; and

FORM APPROVED COUNTY COUNSEL
BY: Larisa R-Mckenna DATE: 10/20/11

COUNTY CLERK
Neg Declaration/Ntc Determination
Filed per P.R.C. 21152
POSTED

OCT 31 2011

Removed: _____
By: _____ Dept.
County of Riverside, State of California

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WHEREAS, prior to making a decision on the Proposed Project or the Mitigated Negative Declaration, this Board will consider all written and oral comments; and

WHEREAS, the above-listed documents can be inspected at the District office, 1995 Market Street, Riverside, California 92501 and written comments will be received at the above address.

NOW, THEREFORE, BE IT RESOLVED, DETERMINED AND ORDERED by the Board of Supervisors of the Riverside County Flood Control and Water Conservation District in regular session assembled on October 18, 2011 that:

1. A public hearing concerning the intent to approve the Proposed Project and adopt the Mitigated Negative Declaration will be held at 1:30 p.m. on December 6, 2011, at the meeting room of this Board, 1st Floor, County Administrative Center, 4080 Lemon Street, Riverside, California 92502, at which time all public comment shall be heard.

2. A copy of this resolution and copies of the above listed documents shall be posted at least thirty (30) days before said hearing at the Jurupa Library, 8660 44th Street, Riverside, California 92509.

3. A copy of this resolution shall be posted at least thirty (30) days before said hearing at the Riverside County Clerk and Recorder's Office, 2724 Gateway Drive, Riverside, California 92507.

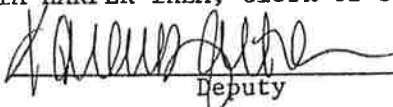
4. The Clerk of this Board is directed to cause a copy of this resolution to be published twice, once at least thirty (30) days before said hearing, and once seven (7) days following the initial publication in a newspaper of general circulation in accordance with Section 18 of the District Act and CEQA.

ROLL CALL:

Ayes: Buster, Tavaglione, Stone, Benoit, and Ashley
Nays: None
Absent: None

The foregoing is certified to be a true copy of a resolution duly adopted by said Board of Supervisors on the date therein set forth.

KECIA HARPER-IHEM, Clerk of said Board

By:  Deputy

WARREN D. WILLIAMS
General Manager-Chief Engineer



1995 MARKET STREET
RIVERSIDE, CA 92501
951.955.1200
FAX 951.788.9965
www.rcflood.org

RIVERSIDE COUNTY FLOOD CONTROL
AND WATER CONSERVATION DISTRICT

August 25, 2011

FILED
RIVERSIDE COUNTY
AUG 25 2011
LARRY W. WARD, CLERK
By *[Signature]* M. Meyer
Deputy

Dear Agency Representative/Interested Individual:

Re: Mira Loma – Beach Street
Storm Drain Project
Notice of Intent to Adopt a
Mitigated Negative Declaration

In accordance with the California Environmental Quality Act (CEQA), a draft Initial Study and Mitigated Negative Declaration (IS/MND) have been prepared by the Riverside County Flood Control and Water Conservation District (District) as the Lead Agency for the proposed Mira Loma – Beach Street Storm Drain. The Notice of Intent (NOI) and the IS/MND may be accessed on the Riverside County Flood Control and Water Conservation District (District) website at www.rcflood.org under the Public Notices section on the lower left or directly at:

<http://www.rcflood.org/Documents/PublicNotices/BeachStreetSD-MND-IS.pdf>

<http://www.rcflood.org/Documents/PublicNotices/BeachStreetSD-NOI.pdf>

The proposed project consists of the construction, operation and maintenance of an underground storm drain, the relocation of sewer and water lines, and the paving of 54th Street from Rutile Street to Beach Street within the city of Jurupa Valley, Riverside County. The alignment for this project is generally bounded by 3rd Avenue to the north, 59th Avenue to the south, Cedar Avenue to the east, and Rutile Street to the west. The proposed project may be found within Township 2 South, Range 6 West, Sections 15 and 22 of the Corona North, California 7.5 Minute USGS Quadrangle.

Significant environmental impacts were not identified and the District intends to adopt a Mitigated Negative Declaration per the requirements of CEQA. The 30 day public review begins on August 25 2011. **Any comments regarding the proposed project or the IS/MND must be submitted to the District by September 26, 2011.**

Questions regarding this matter may be directed to Kahlil Amin at 951.955.5481 or email at kaamin@rcflood.org or Kris Flanigan at 951.955.8581 or email at kflaniga@rcflood.org.

Any written responses should make reference to Mira Loma – Beach Street Storm Drain.

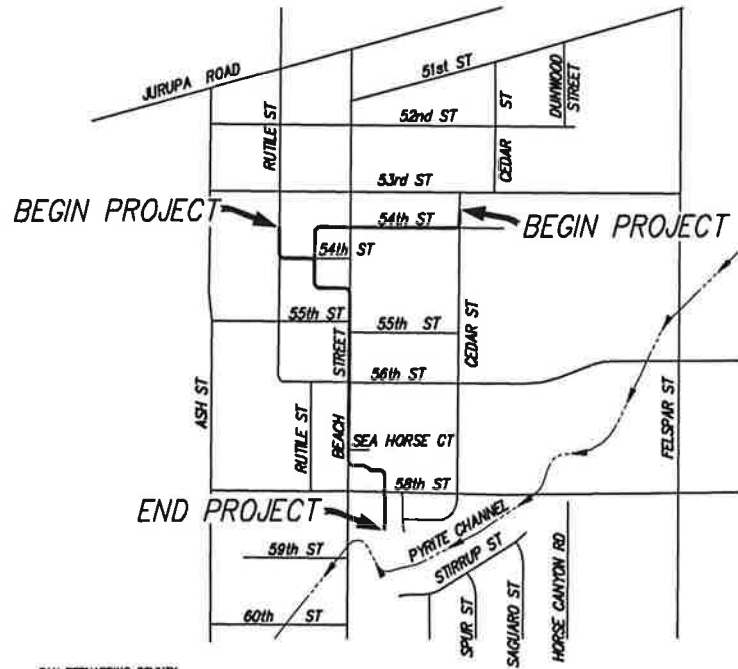
Please submit any written comments to:

Riverside County Flood Control
and Water Conservation District
1995 Market Street
Riverside, CA 92501
Attn: Environmental Regulatory Services II

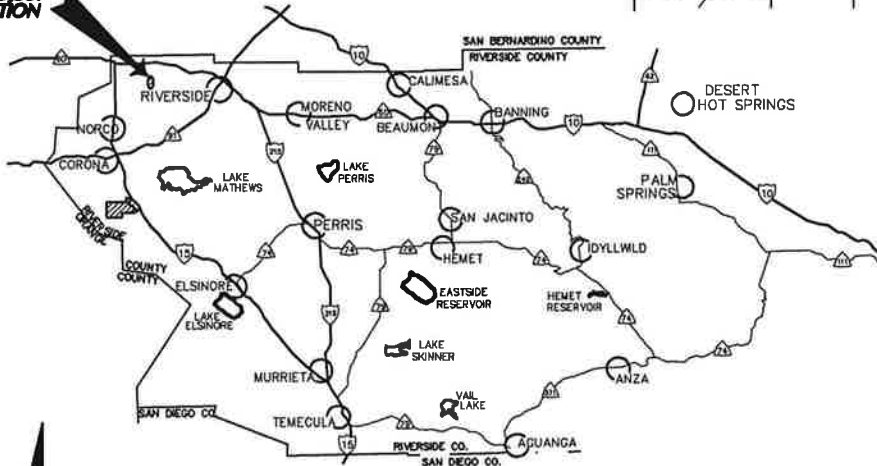
COUNTY CLERK
Neg Declaration/Nic Determination
Filed per P.R.C. 21152
POSTED
AUG 25 2011
Removed: 9 28 11
By: *[Signature]*
County of Riverside, State of California
Dept.

MIRA LOMA - BEACH STREET
 STORM DRAIN
 STAGE 1
 PROJECT NO. I-0-00137-01
 JUNE 2011

SECTION 18
 PUBLIC HEARING
 MAP

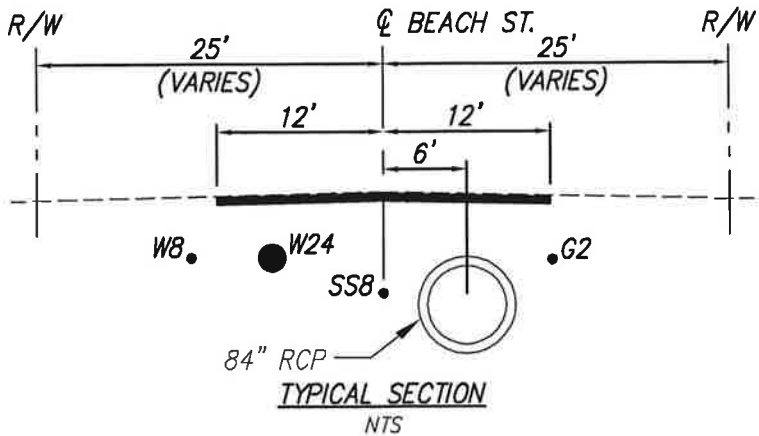


PROJECT LOCATION



VICINITY MAP
 NTS

VICINITY MAP
 NTS



TYPICAL SECTION
 NTS

**Mira Loma – Beach Street Storm Drain
Project No. 1-0-00137**

Engineer's Statement

The proposed project is located within the unincorporated community of Mira Loma, Riverside County, California. The proposed project is an ultimate storm drain system designed to collect runoff from a 230 acre watershed located on both sides of Beach Street between the 58th Street and 53rd Street and conveying the flows to the Pyrite Channel south of 58th Street and east of Beach Street. When complete, this storm drain will provide 100-year protection.

The main line of this project consists of approximately 5,000 lineal feet of reinforced concrete pipe (RCP) ranging in diameter from 24 to 84 inches. The laterals consist of approximately 1,200 lineal feet of RCP ranging in diameter from 18 to 36 inches. From the outlet located approximately 200 feet north of the Pyrite Channel, 300 feet east of Beach Street and 300 feet south of 58th the main line extends north across 58th Street 300 feet before turning west to Beach Street, then north within Beach Street to 300 feet north of 55th Street, then turning west along property lines 300 feet, turning north 300 feet, crossing 54th Street, continuing 300 feet, then turning east to Beach Street, crossing into 54th Street, continuing east to Cedar Street, then north within Cedar Street ending approximately 300 feet north of 54th Street. One lateral will connect to the main line at its crossing of 54th Street 300 feet west of Beach Street, with the lateral extending 300 feet to west Rutile Street, then north within Rutile Street for approximately 300 feet. Another lateral joins the main line at its crossing of 58th Street 300 feet east of Beach Street, extending west for approximately 600 feet. The project is located within the USGS 7.5 Minute, Corona North, California Topographic Quadrangle, Township 2 South, Range 6 West, Section 15 and 22. The cost of the proposed project is approximately \$3,700,000.

MITIGATED NEGATIVE DECLARATION

State Clearinghouse Number: None	Contact Person: Kris Flanigan	Telephone Number: 951.955.8581 Email: kflaniga@rcflood.org
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Lead Agency and Project Sponsor: Riverside County Flood Control and Water Conservation District

Address: 1995 Market Street	City: Riverside	Zip: 92501
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Project Title and Description:

Mira Loma – Beach Street Storm Drain


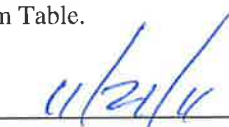
The Riverside County Flood Control and Water Conservation District (District) proposes to construct, operate and maintain an underground storm drain (Project) comprised of approximately 5,000 lineal feet of reinforced concrete pipe (RCP) mainline ranging in diameter from 24 inches to 78 inches, a short length of reinforced concrete box south of 58th street, approximately 1,200 lineal feet of RCP laterals ranging in diameter from 18 inches to 36 inches, and minor appurtenances (i.e., connector pipes and catch basins) within street rights-of-way and easements in private property. The Project will also include the relocation of approximately 1500 lineal feet of an 8-inch and 10-inch diameter sewer mainline, relocation of approximately 200 lineal feet of an 8-inch and 24-inch waterline, and construction of a 24-foot wide pavement section on the existing unpaved 54th Street from Rutille Street to Beach Street. The Project mainline begins at an outlet near the intersection of 58th Avenue and Beach Street and will continue northwest through private property to Beach Street. The mainline will continue north on Beach Street, then west along the property line about 300 feet north of 55th Street, continue north along property lines to 54th Street, east on 54th Street to Cedar Street, north on Cedar Street to 53rd Street, and east on 53rd Street. A lateral will extend from the mainline on 54th Street west to Rutille Street, and north on Rutille Street. Another lateral will extend from the mainline near the intersection of 55th Street and Beach Street, and continue west on 55th Street. The proposed Project is an ultimate storm drain system designed to collect runoff from a 230-acre watershed located on both sides of Beach Street between 58th Street and 53rd Street, and convey the flows to the Pyrite Channel south of 58th Street and east of Beach Street. When complete, this storm drain will provide 100-year protection.

Project Location:

The proposed project is the construction, operation and maintenance of an underground storm drain located within the city of Jurupa Valley, Riverside County. The alignment is generally bounded by 53rd Avenue to the north, 59th Avenue to the south, Cedar Avenue to the east, and Rutille Street to the west (please refer to the maps on Figures 1-3). The proposed project may be found within Township 2 South, Range 6 West, Sections 15 and 22 of the Corona North, California 7.5 Minute USGS Quad Sheet.

The General Manager-Chief Engineer of the Riverside County Flood Control and Water Conservation District has made a finding that the proposed Mira Loma – Beach Street Storm Drain project will not have a significant adverse effect on the environment. An Initial Study supporting this finding is attached. This finding will become final upon adoption of this Mitigated Negative Declaration by the Board of Supervisors of the Riverside County Flood Control and Water Conservation District. Mitigation measures are as follows:

Refer to attached Project Features & Environmental Commitments Monitoring Program Table.

Signature:  WARREN D. WILLIAMS General Manager-Chief Engineer	Dated: 
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The Board of Supervisors of the Riverside County Flood Control and Water Conservation District, assembled in regular session on December 6, 2011 has determined that the Mira Loma – Beach Street Storm Drain will not have a significant adverse effect on the environment and has adopted this Mitigated Negative Declaration.

Signature: _____ KECIA HARPER-IHEM Clerk of the Board	Dated: _____
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Attachment

- Copies to: 1) County Clerk
 2) Flood Control

P8\142324

Notice of Determination

Appendix D

To: Office of Planning and Research

From: Riverside County Flood Control
1995 Market Street
Riverside, CA 92501
Contact: Kris Flanigan
Phone: 951.955.8581

For U.S. Mail:
P.O. Box 3044
Sacramento, CA 95812-3044

Street Address:
1400 Tenth Street
Sacramento, CA 95814

County Clerk
County of Riverside
2724 Gateway Drive
Riverside, CA 92507

Lead Agency (if different from above):

SUBJECT:

Filing of Notice of Determination in compliance with Section 21108 or 21152 of the Public Resources Code.

State Clearinghouse Number (if submitted to State Clearinghouse): 2011081090

Project Title: Mira Loma -- Beach Street Storm Drain

Project Location (include county)

The proposed project is located within the city of Jurupa Valley, Riverside County. The project area is generally bounded by 53rd Avenue to the north, 59th Avenue to the south, Cedar Avenue to the east, and Rutile Street to the west. The proposed project may be found within Township 2 South, Range 6 West, Sections 15 and 22 of the Corona North, California 7.5 Minute USGS Quad Sheet.

Project Description

The Riverside County Flood Control and Water Conservation District (District) proposes to construct, operate and maintain an underground storm drain (Project) comprised of approximately 5,000 lineal feet of reinforced concrete pipe (RCP) mainline ranging in diameter from 24 inches to 78 inches, a short length of reinforced concrete box south of 58th street, approximately 1,200 lineal feet of RCP laterals ranging in diameter from 18 inches to 36 inches, and minor appurtenances (i.e., connector pipes and catch basins) within street rights-of-way and easements in private property. The Project will also include the relocation of approximately 1500 lineal feet of an 8-inch and 10-inch diameter sewer mainline, relocation of approximately 200 lineal feet of an 8-inch and 24-inch waterline, and construction of a 24-foot wide pavement section on the existing unpaved 54th Street from Rutile Street to Beach Street. The Project mainline begins at an outlet near the intersection of 58th Avenue and Beach Street and will continue northwest through private property to Beach Street. The mainline will continue north on Beach Street, then west along the property line about 300 feet north of 55th Street, continue north along property lines to 54th Street, east on 54th Street to Cedar Street, north on Cedar Street to 53rd Street, and east on 53rd Street. A lateral will extend from the mainline on 54th Street west to Rutile Street, and north on Rutile Street. Another lateral will extend from the mainline near the intersection of 55th Street and Beach Street, and continue west on 55th Street. The proposed Project is an ultimate storm drain system designed to collect runoff from a 230-acre watershed located on both sides of Beach Street between 58th Street and 53rd Street, and convey the flows to the Pyrite Channel south of 58th Street and east of Beach Street. When complete, this storm drain will provide 100-year protection.

This is to advise that the Riverside County Flood Control and Water Conservation District has approved the above described

(X) Lead Agency or () Responsible Agency

project on December 6, 2011 and has made the following determinations regarding the above described project:

(Date)

- 1. The project will not have a significant effect on the environment.
2. A Mitigated Negative Declaration was prepared for this project pursuant to the provisions of CEQA.
3. Mitigation measures were made a condition of the approval of the project.
4. A monitoring program table was adopted for this project.
5. A statement of Overriding Considerations was not adopted for this project.
6. Findings were not made pursuant to the provisions of CEQA.

This is to certify that the final Mitigated Negative Declaration is available to the General Public at: Office of Clerk of the Board, County Administrative Center, 4080 Lemon Street, Riverside, CA 92501

Signature (Public Agency)

Title

Date

Date received for filing at OPR:

Revised 2004

Authority cited: Sections 21083 and 21087, Public Resources Code.
Reference: Sections 21000-21174, Public Resources Code.
P8\142324

**Riverside County Flood Control
and Water Conservation District**

Riverside, California

FINAL

**CEQA
INITIAL STUDY**

MIRA LOMA – BEACH STREET STORM DRAIN

ZONE 1

November 2011

**WARREN D. WILLIAMS
General Manager-Chief Engineer**

**RIVERSIDE COUNTY FLOOD CONTROL
AND WATER CONSERVATION DISTRICT
Mira Loma – Beach Street Storm Drain**

Table 1

**PROJECT FEATURES & ENVIRONMENTAL COMMITMENTS
MONITORING PROGRAM TABLE**

Issue	Potential Impact	Project Feature, Environmental Commitment, Avoidance, Minimization, and/or Mitigation Measures	Action	Implementation Responsibility	Governing Agency	Implementation Timing
III. Air Quality	During construction, there is potential for temporary increases in air pollution.	MM Air 1: The contractor shall be required to comply with the applicable provisions SCAQMD Rule 403 and implement appropriate fugitive dust control measures including watering, stabilized construction access to reduce tracking of mud or dirt onto public roads, covering trucks hauling loose materials off-site, and street sweeping of track out.	Implement applicable dust control measures.	RCFC&WCD (Design and Construction Division)	SCAQMD	During the construction period
IV. Biological Resources	During construction, there is potential to disturb burrowing owl.	MM Bio 1: A pre-construction survey for burrowing owl will be conducted within 30 days prior to site disturbance. Take of active nest(s) shall be avoided. Passive relocation (i.e., the use of one-way doors and collapse of burrows) will occur when owls are present outside the nesting season.	A qualified biologist will perform a 30-day pre-construction presence/absence burrowing owl survey.	RCFC&WCD (Design and Construction Division)	CDFG	Prior to construction
V. Cultural Resources	During construction, there is potential to impact cultural resources.	MM Cultural 1: If any archaeological or historical resources are exposed during ground excavation disturbance, ground disturbance activities in the vicinity of the discovery will be terminated immediately and a qualified archaeological resources specialist will evaluate the resources. A representative of the Soboba Band of Luiseno Indians will be notified upon discovery of any Native American cultural resource and may examine the resources after evaluation by the archaeological resources specialist. If any discovered archaeological resources merit long-term consideration, adequate funding will be provided to collect, curate and report these resources in accordance with standard archaeological management requirements.	Excavation activities will cease if potential historical resources are encountered. A qualified historical resources specialist will be retained to evaluate the resources.	RCFC&WCD (Design and Construction Division)	State Historic Preservation Officer	During excavation activities

Issue	Potential Impact	Project Feature, Environmental Commitment, Avoidance, Minimization, and/or Mitigation Measures	Action	Implementation Responsibility	Governing Agency	Implementation Timing
V. Cultural Resources (continued)	During construction, there is potential to impact paleontological resources.	<p>MM Cultural 2: An approved Paleontological Monitor shall be present during excavation in older alluvium fan deposits within the proposed storm drain project. If any paleontological resources are exposed during ground excavation disturbance, ground disturbance activities in the vicinity of the discovery will be terminated immediately and a qualified paleontological resources specialist will evaluate the resources. Any discovered paleontological resources that merit long-term consideration, shall be collected and reported in accordance with standard paleontological management requirements.</p>	Ensure that the Paleontological Resources Monitor is present as described.	RCFC&WCD (Design and Construction Division)	None	During excavation activities
V. Cultural Resources (continued)	During construction, there is potential to encounter human remains.	<p>MM Cultural 3: Per State Health and Safety Code 7050.5, if human remains are encountered during construction, no further disturbance shall occur until the Riverside County Coroner has made a determination of origin and disposition pursuant to Public Resources Code Section 5097.98. The Riverside County Coroner must be notified within 24 hours. If the County Coroner determines that the remains are not historic, but prehistoric, the Native American Heritage Commission (NAHC) must be contacted to determine the most likely descendent for this area. Once the most likely descendent is determined treatment of the Native American human remains will proceed pursuant to Public Resources 5097.98. The NAHC may become involved with decisions concerning the disposition of the remains.</p>	Halt construction and notify the County Coroner's Office for proper identification of any human remains found on-site. Contact NAHC to assist, if possible, in disposition of the burial for any human remains found on-site.	RCFC&WCD (Design and Construction Division)	Riverside County Coroner and NAHC	During excavation activities
VII. Hazardous Materials	Construction activity may uncover potentially hazardous materials.	<p>MM Hazards 1: If previously unknown hazardous wastes/materials are encountered in the field during construction, ground disturbance activities in the vicinity of the discovery shall cease until a qualified</p>	If potentially hazardous materials are uncovered, cease ground disturbance near the material until a qualified hazardous	RCFC&WCD (Design and Construction Division)	To be determined by hazardous material specialist	During excavation activities

Issue	Potential Impact	Project Feature, Environmental Commitment, Avoidance, Minimization, and/or Mitigation Measures	Action	Implementation Responsibility	Governing Agency	Implementation Timing
XI. Noise	The use of heavy equipment during project construction may temporarily increase noise levels within nearby residential areas.	<p>hazardous materials management specialist can assess the potentially hazardous substances and, if necessary, develop appropriate management measures in coordination with the appropriate regulatory agencies.</p> <p>MM Noise 1: Operation of Heavy equipment that may impact adjacent residential structures shall be limited from 7 a.m. to 5 p.m. Monday through Friday, except under special circumstances approved by the District's General Manager-Chief Engineer.</p> <p>MM Noise 2: Each resident adjacent to the storm drain construction site shall be notified in writing three days prior to operation heavy construction equipment near the residences. The notice shall include the expected work schedule and the District's contact information. The District shall alert the construction contractor of any noise complaints and incorporate any feasible and practical techniques which minimize the noise impacts on adjacent residences.</p> <p>MM Traffic 1: At all times during construction, emergency fire or medical vehicles shall have access through the project site.</p>	<p>materials specialist assesses the materials and provides recommendation for their treatment and disposal.</p> <p>Construction will occur between 7 a.m. and 5 p.m.</p>	RCFC&WCD (Design and Construction Division)	None	During construction
XV. Transportation and Traffic	Construction activities may impact the routes of emergency service vehicles.		Ensure that the described notices are provided to each resident adjacent to the storm drain construction site and inform the construction contractor of any complaints and feasible corrective measures.	RCFC&WCD (Design and Construction Division)	None	During construction

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

California Environmental Quality Act (CEQA) Initial Study

1. **Project title:** Mira Loma – Beach Street Storm Drain
2. **Lead agency name and address:** Riverside County Flood Control
and Water Conservation District
Attention: Environmental/Regulatory Services II Section
1995 Market Street
Riverside, California 92501
3. **Contact person email address and phone number:** Kris Flanigan: kflaniga@rcflood.org
951.955.8581

4. **Project location:**

The proposed project is located within the recently incorporated city of Jurupa Valley, Riverside County. The project area is generally bounded by 53rd Avenue to the north, 59th Avenue to the south, Cedar Avenue to the east, and Rutile Street to the west. The proposed project may be found within Township 2 South, Range 6 West, Sections 15 and 22 of the Corona North, California 7.5 Minute USGS Quad Sheet.

5. **Project sponsor's name and address:** N/A

6. **General plan designation:**

The proposed project site is located within the Jurupa Area Plan of the Riverside County General Plan. The land use designation within the project and its immediate adjacent area is Rural Community-Low Density Residential.

7. **Description of project:** *(Describe the whole action involved, including but not limited to later phases of the project, and any secondary, support, or off-site features necessary for its implementation. Attach additional sheets if necessary.)*

The Riverside County Flood Control and Water Conservation District (District) proposes to construct, operate and maintain an underground storm drain (Project) comprised of approximately 5,000 lineal feet of reinforced concrete pipe (RCP) mainline ranging in diameter from 24 inches to 78 inches, a short length of reinforced concrete box south of 58th Street, approximately 1,200 lineal feet of RCP laterals ranging in diameter from 18 inches to 36 inches, and minor appurtenances (i.e., connector pipes and catch basins) within street rights-of-way and easements in private property. The Project will also include relocation of approximately 1,500 lineal feet of 8-inch and 10-inch diameter sewer mainline, relocation of approximately 200 lineal feet of 8-inch and 24-inch waterline, and construction of a 24-foot wide pavement section on the existing unpaved 54th Street from Rutile Street to Beach Street. The Project mainline begins at an outlet near the intersection of 58th Avenue and Beach Street and will continue northwest through private property to Beach Street. The mainline will continue north on Beach Street, then west along the property line about 300 feet north of 55th Street, continue north along property lines to 54th Street, east on 54th Street to Cedar Street, north on Cedar Street to 53rd Street, and east on 53rd Street. A lateral will extend from the mainline on 54th Street west

to Rutile Street, and north on Rutile Street. Another lateral will extend from the mainline near the intersection of 55th Street and Beach Street, and continue west on 55th Street. The proposed Project is an ultimate storm drain system designed to collect runoff from a 230-acre watershed located on both sides of Beach Street between the 58th Street and 53rd Street and convey the flows to the Pyrite Channel south of 58th Street and east of Beach Street. When complete, this storm drain will provide 100-year protection.

8. Surrounding land uses and setting: *(Briefly describe the project's surroundings)*

The Project site is located within the Mira Loma area. The project surroundings consist of mainly single family homes.

9. Other public agencies whose approval is required: *(e.g., permits, financing approval, or participation agreement.)*

Federal Agencies *(not "public agencies" as defined by CEQA or required to take a CEQA action)*

None

State Agencies

None

City/County Agencies

Riverside County Transportation Department: Approval of construction activities within County maintained road rights-of-way will be needed.

Jurupa Community Services District (JCSD): An agreement will be required with JCSD for joint use of their easements and for approval of modification of existing JCSD sewer and waterlines.

Chino Basin Desalter Authority (CBDA): Approval of modification of existing CBDA waterline.

Financing Approval or Participation Agreements

N/A

ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED:

The environmental factors, as checked below, would potentially be affected by this project.

<input type="checkbox"/> Aesthetics	<input type="checkbox"/> Mineral Resources
<input type="checkbox"/> Agriculture Resources	<input type="checkbox"/> Noise
<input type="checkbox"/> Air Quality and Greenhouse Gas Emissions	<input type="checkbox"/> Population/Housing
<input type="checkbox"/> Biological Resources	<input type="checkbox"/> Public Services
<input type="checkbox"/> Cultural Resources	<input type="checkbox"/> Recreation
<input type="checkbox"/> Geology/Soils	<input type="checkbox"/> Transportation/Traffic
<input type="checkbox"/> Hazards & Hazardous Materials	<input type="checkbox"/> Utilities/Service Systems
<input type="checkbox"/> Hydrology/Water Quality	<input type="checkbox"/> Mandatory Findings of Significance
<input type="checkbox"/> Land Use/Planning	

Evaluation of Environmental Impacts:

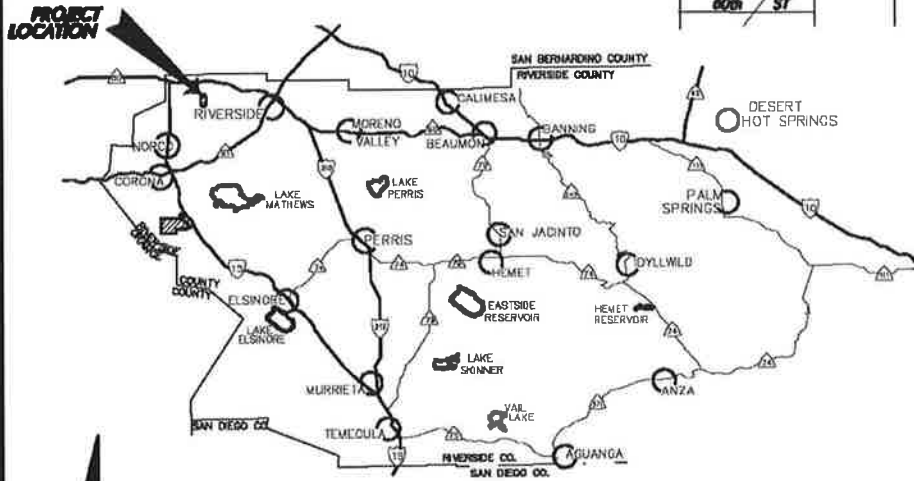
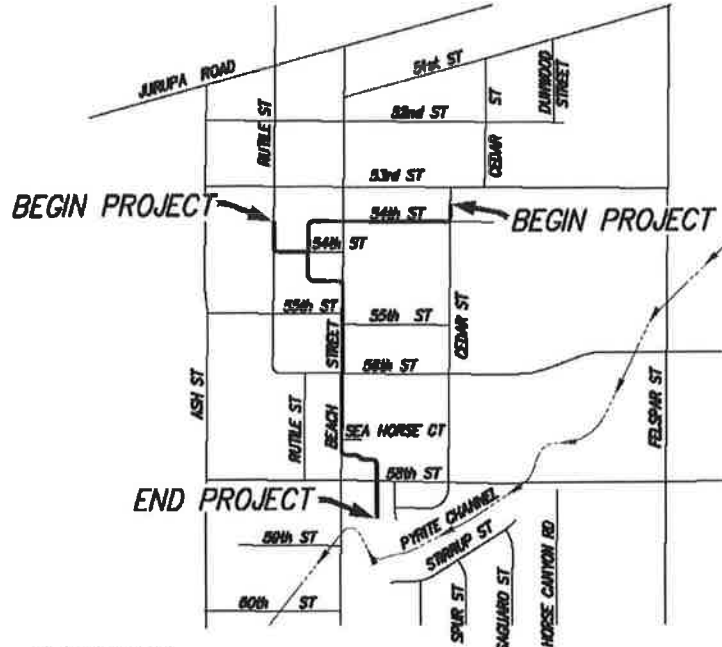
1. A brief explanation is required for all answers except "No Impact" answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A "No Impact" answer is adequately supported if the referenced information sources show that the impact 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 will 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: No Impact or Less Than Significant" applies when the proposed project will not have a significant effect on the environment, does not require the incorporation of mitigation measures, and does not require the preparation of an Environmental Impact Report. The lead agency must briefly describe the reasons that a proposed project will not have significant effect on the environment and does not require the preparation of an environmental impact report.
5. "Mitigated Negative Declaration: Less Than Significant With Mitigation Incorporated" applies where the incorporation of mitigation measures has reduced any 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 (mitigation measures from "Earlier Analyses", as described in (5) below, may be cross-referenced).

6. 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. (CEQA Guidelines Section 15063(c)(3)(D)). The use of an earlier analysis as a reference should include a brief discussion that identifies the following:
 - a. Earlier Analysis 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.
7. 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.
8. Supporting Information Sources: A source list should be attached, and other sources used or individuals contacted should be cited in the discussion.
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 significance.

**MIRA LOMA - BEACH STREET
STORM DRAIN**

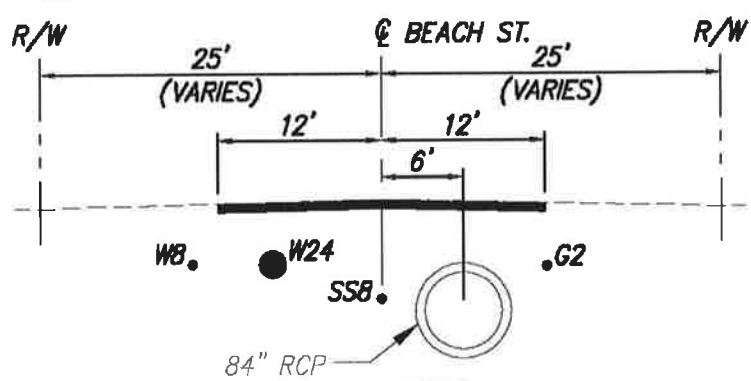
**SECTION 18
PUBLIC HEARING
MAP**

**PROJECT NO. I-0-00137
JUNE 2011**

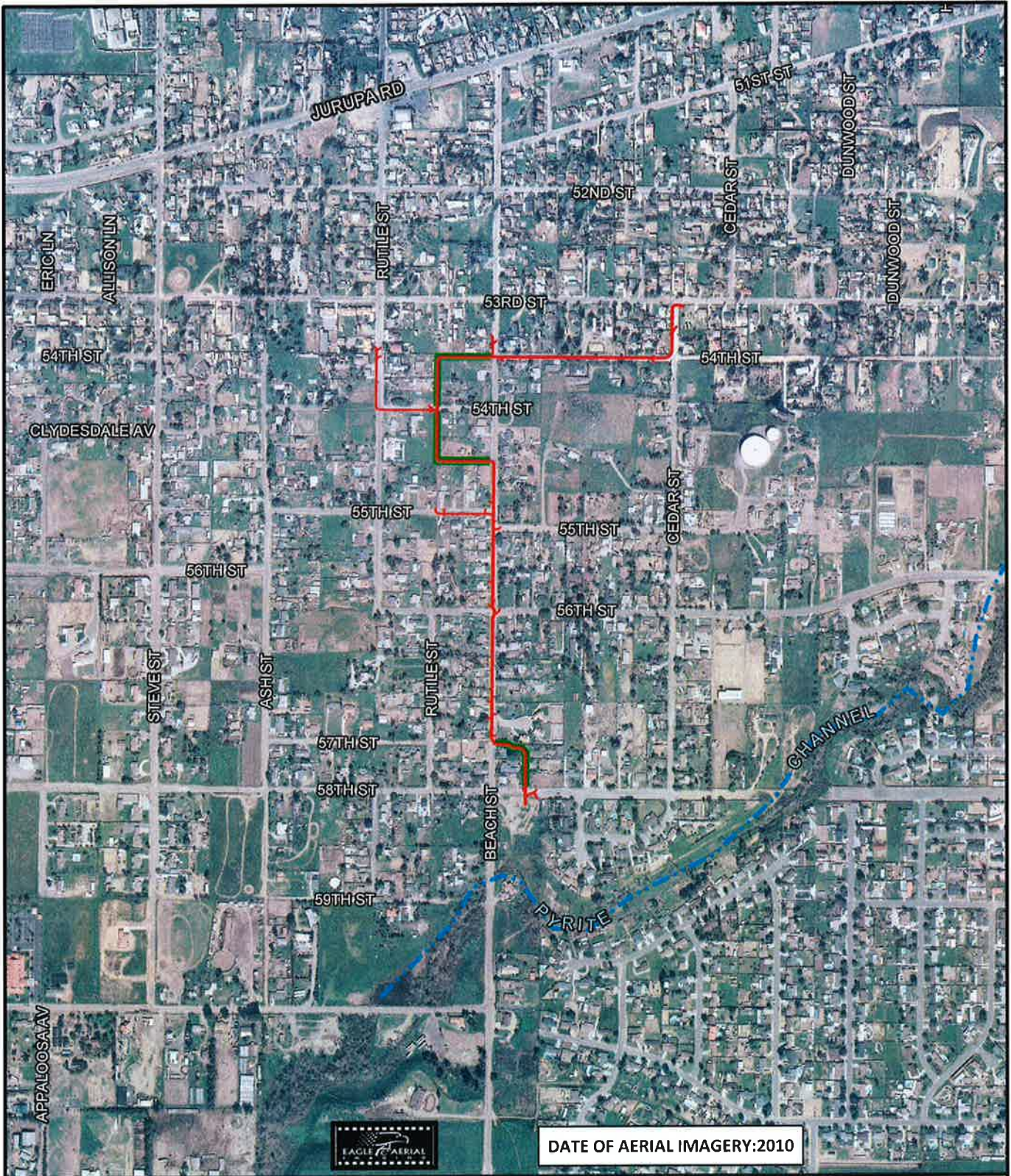


VICINITY MAP
NTS

VICINITY MAP
NTS



TYPICAL SECTION
NTS



RIVERSIDE COUNTY FLOOD CONTROL
AND WATER CONSERVATION DISTRICT

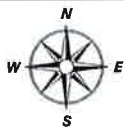

MIRA LOMA - BEACH STREET STORM DRAIN
PROJECT NO. 1-0-00137
AERIAL VIEW

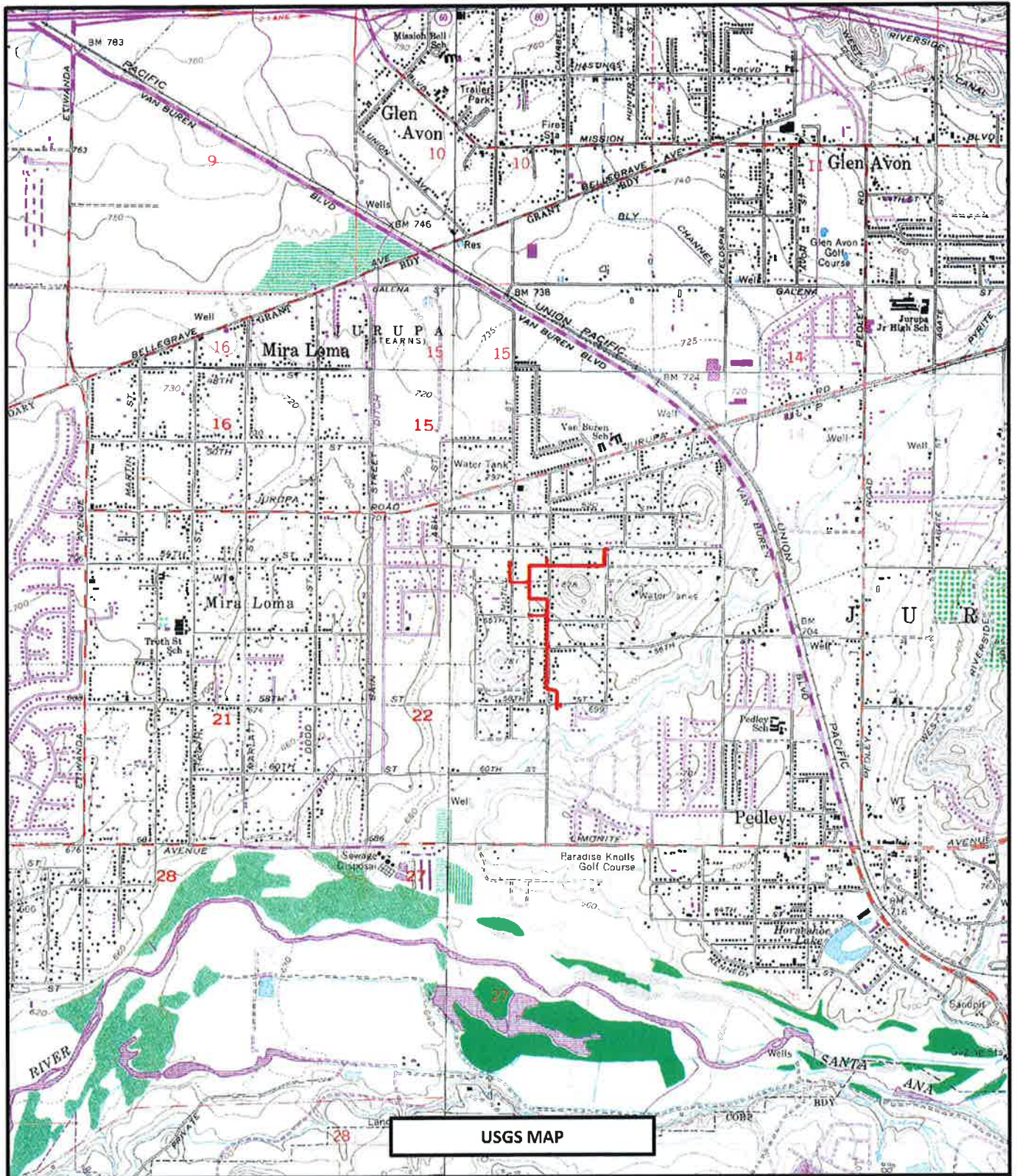
FIGURE 2

DATE OF AERIAL IMAGERY: 2010

LEGEND

- PROPOSED FACILITY
- STORM DRAIN EASEMENT


 SCALE: 1" = 800'




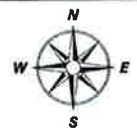
RIVERSIDE COUNTY FLOOD CONTROL
AND WATER CONSERVATION DISTRICT

MIRA LOMA - BEACH STREET STORM DRAIN
PROJECT NO. 1-0-00137
LOCATION MAP

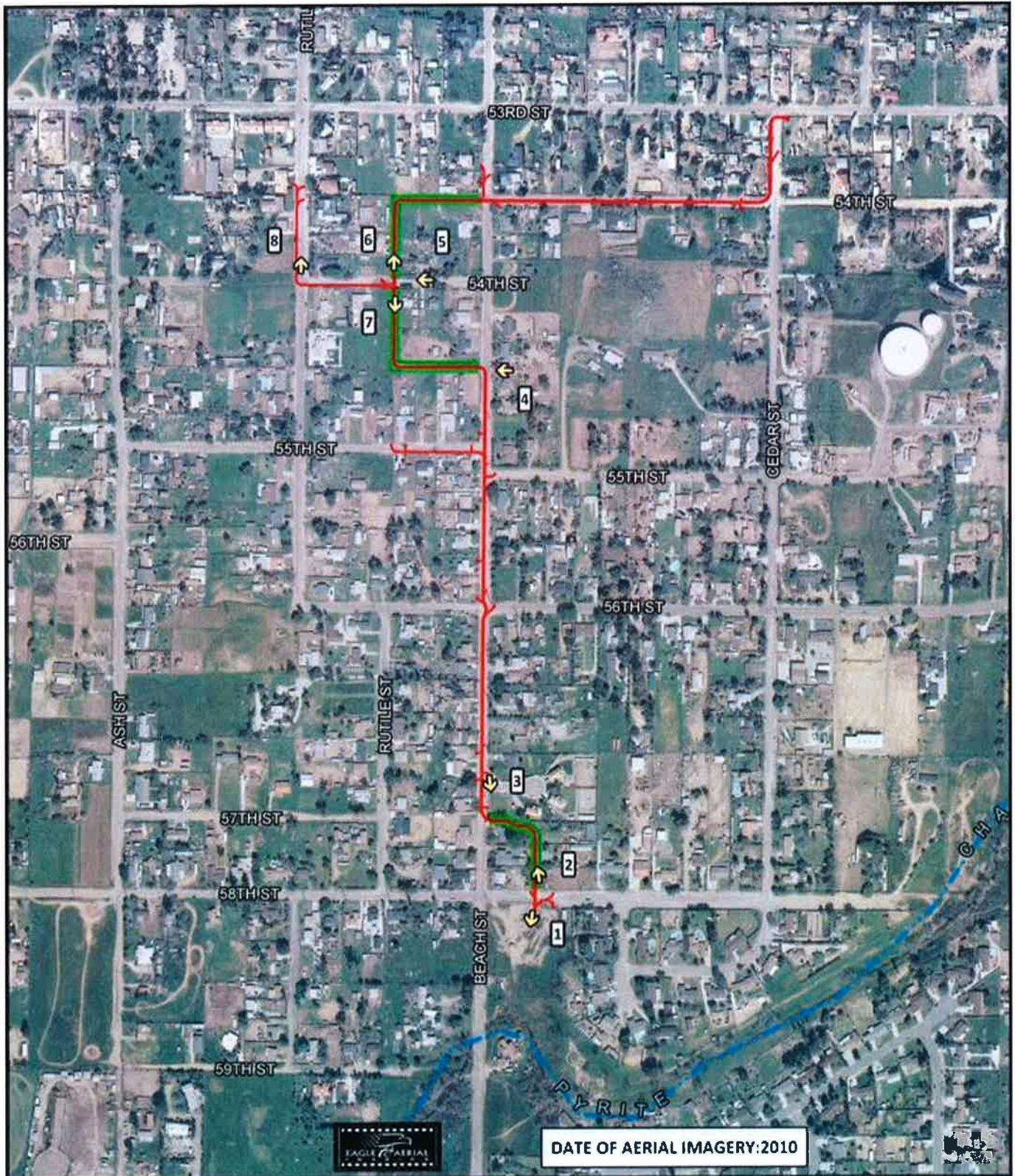
FIGURE 3

LEGEND

— PROPOSED FACILITY



SCALE: 1" = 2500'



RIVERSIDE COUNTY FLOOD CONTROL
AND WATER CONSERVATION DISTRICT

MIRA LOMA - BEACH STREET STORM DRAIN
PROJECT NO. 1-0-00137
PROJECT PHOTOS

FIGURE 4

LEGEND

- PROPOSED FACILITY
- EASEMENT
- PHOTO LOCATION
- PHOTO NUMBER



SCALE: 1" = 500'



Figure 5 – Photo #1: Proposed outlet area. 58th Street, east of Beach Street, facing south.



Figure 6 – Photo #2: 58th Street, east of Beach Street, facing north.



Figure 7 – Photo #3: Intersection of Sea Horse Court and Beach Street, facing southeast.



Figure 8 – Photo # 4: Beach Street, north of 55th Street, facing west.



Figure 9 – Photo #5: 54th Street, west of Beach Street, facing west.



Figure 10 – Photo #6: 54th Street, west of Beach Street, facing north.



Figure 11 – Photo #7: 54th Street, west of Beach Street, facing south.



Figure 12 - Photo #8: Typical street in project area.
Near intersection of 54th Street and Rutile Street, facing north.

Potential
Significant
Impact

Potentially
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Unless
Mitigation
Incorporated

Less than
Significant
Impact

No
Impact

I. AESTHETICS. Would the project:

- | | | | | | |
|----|--|--------------------------|--------------------------|-------------------------------------|-------------------------------------|
| a) | Have a substantial adverse effect on a scenic vista? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b) | Substantially damage scenic resources, including, but not limited to trees, rock outcroppings, and historic buildings within a state scenic highway? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) | Substantially degrade the existing visual character or quality of the site and its surroundings? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| d) | Create a new source of substantial light or glare, which would adversely affect day or nighttime views in the area? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

II. AGRICULTURAL & 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. 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? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) | Conflict with existing agricultural zoning, agricultural use or land subject to a Williamson Act contract or land within a Riverside County Agricultural Preserve? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) | Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| d) | 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))? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| e) | Result in the loss of forest land or conversion of forest land to non-forest use? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

III. AIR QUALITY AND GREENHOUSE GAS EMISSIONS. 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? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|----|--|--------------------------|--------------------------|-------------------------------------|--------------------------|

		Potential Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
b)	Violate any air quality standard or contribute substantially to an existing or projected air quality violation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c)	Result in 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 (<i>including releasing emissions which exceed quantitative thresholds for ozone precursors</i>)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d)	Expose sensitive receptors to substantial pollutant concentrations?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e)	Create objectionable odors affecting a substantial number of people?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f)	Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g)	Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b)	Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c)	Have a substantial adverse effect on biological resources involved within a jurisdictional water feature as defined by federal, state or local regulations (e.g., Section 404 of the Clean Water Act, Section 401 of the Clean Water Act, Section 1602 of California Fish and Game Code, Porter-Cologne Water Quality Control Act, etc.) through direct removal, filing, hydrological interruption, or other means?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e)	Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

	<i>Potential Significant Impact</i>	<i>Potentially Significant Unless Mitigation Incorporated</i>	<i>Less than Significant Impact</i>	<i>No Impact</i>
--	---	---	---	----------------------

- | | | | | | |
|----|---|--------------------------|--------------------------|-------------------------------------|--------------------------|
| 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? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|----|---|--------------------------|--------------------------|-------------------------------------|--------------------------|

V. CULTURAL RESOURCES. Would the project:

- | | | | | | |
|----|--|--------------------------|-------------------------------------|-------------------------------------|--------------------------|
| a) | Cause a substantial adverse change in the significance of a historical resource as defined in §15064.5? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b) | Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| c) | Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| d) | Disturb any human remains, including those interred outside of formal cemeteries? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

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. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| ii) | Strong seismic ground shaking? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| iii) | Seismic-related ground failure, including liquefaction? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| iv) | Landslides or mudflows? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) | Result in substantial changes in topography, unstable soil conditions from excavation, grading or fill, or soil erosion or the loss of topsoil? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 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? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| d) | Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994 or most current edition), creating substantial risks to life or property? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| e) | Have soils incapable of adequately supporting any structures, fill or other improvements associated with the project? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Potential
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Potentially
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Unless
Mitigation
Incorporated

Less than
Significant
Impact

No
Impact

VII. 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? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 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? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| c) | Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 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? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 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? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 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? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| g) | Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 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? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

VIII. HYDROLOGY AND WATER QUALITY. Would the project:

- | | | | | | |
|----|--|--------------------------|--------------------------|-------------------------------------|--------------------------|
| a) | Violate or conflict with any adopted water quality standards or waste discharge requirements? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b) | Result in substantial discharges of typical stormwater pollutants (<i>e.g. sediment from construction activities, hydrocarbons, and metals from motor vehicles, nutrients and pesticides from landscape maintenance activities, metals of other pollutants from industrial operation,</i>) or substantial changes to surface water quality including, but not limited to, temperature, dissolved oxygen, pH, or turbidity? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

		Potential Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
c)	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 (<i>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</i>)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d)	Substantially alter the existing drainage pattern of the site or area, including through the alteration of a watercourse or wetland, in a manner which would result in substantial erosion or siltation on- or off-site?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e)	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?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f)	Create or contribute runoff water, which would exceed the capacity of existing or planned stormwater drainage systems?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g)	Place housing within a 100-year flood hazard area as mapped on Federal Flood Hazard boundary of Flood Insurance Rate Map or other flood hazard delineation map?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
h)	Place structures or fill within a 100-year flood hazard area, which would impede or redirect flood flows?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
j)	Expose people or structures to a significant risk of loss, injury or death involving inundation by seiche, tsunami, or mudflow?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

IX. LAND USE PLANNING. Would the project:

- | | | | | | |
|----|--|--------------------------|--------------------------|--------------------------|-------------------------------------|
| a) | Physically divide an established community? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 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? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

X. MINERAL RESOURCES. Would the project:

- | | | | | | |
|----|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| a) | Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|----|---|--------------------------|--------------------------|--------------------------|-------------------------------------|

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- 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?

XI. 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?
- b) Exposure of persons to or generation of excessive ground-borne vibration or ground-borne noise levels?
- c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?
- d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?
- 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?
- 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?

XII. 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*) resulting in substantial adverse physical impacts or conflicts with the adopted general plan, specific plan, or other applicable land use or regional plan?
- b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?
- c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?

XIII. PUBLIC SERVICES

- a) 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 following public services:

	Potential Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
Fire protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Police protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Schools?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Parks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other public facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

XIV. 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? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 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? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

XV. TRANSPORTATION AND TRAFFIC. Would the project:

- | | | | | | |
|----|---|--------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| a) | Conflict with an adopted 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? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) | Conflict with an adopted congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the appropriate congestion management agency for designated roads or highways? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) | Substantially increase hazards due to a design feature (<i>e.g., sharp curves or dangerous intersections</i>) or incompatible uses (<i>e.g., farm equipment</i>)? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| d) | Would the project result in inadequate emergency access? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| e) | Would the project result in inadequate parking capacity? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| f) | Conflict with adopted policies, plans, or programs regarding public transit, bicycle, pedestrian facilities, or other alternate transportation or otherwise decrease the performance or safety of such facilities? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

XVI. UTILITIES AND SERVICE SYSTEMS. Would the project:

- | | | | | | |
|----|--|--------------------------|--------------------------|--------------------------|-------------------------------------|
| a) | Impact the following facilities requiring or resulting in the construction of new facilities or expansion of existing facilities, the construction of which could cause significant environmental effects? | | | | |
| | Electricity | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Natural Gas | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Communication System | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Street lighting | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Public facilities, including roads and bridges | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) | Require or result in the construction of new stormwater drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) | Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| d) | Result in a determination by the wastewater 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? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| e) | Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| f) | Comply with federal, state, and local statutes and regulations related to solid waste? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

XVII. 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? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b) | Does the project have impacts that are individually limited, but cumulatively considerable? (<i>"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.</i>) | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

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c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?

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 the mitigation measures described on an attached sheet have been added to the project. 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, if the effect is a "potentially significant impact" or "potentially significant unless mitigated." 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, there WILL NOT be a significant effect in this case because all potentially significant effects (a) have been analyzed adequately in an earlier EIR pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR, including revisions or mitigation measures that are imposed upon the proposed project.



Signature



Date

WARREN D. WILLIAMS, General Manager-Chief Engineer
Printed Name and Title

ENVIRONMENTAL EVALUATION

I. AESTHETICS. Would the project:

Ia) Have a substantial adverse effect on a scenic vista?

Less than Significant Impact. The proposed project is located within a rural community, low density-zoned area (single-family detached residences on large parcels of 1/2 to 1 acre, limited agriculture, intensive equestrian, animal keeping uses expected and encouraged), as described and shown in the Jurupa Area Plan of the Riverside County General Plan. With the exception of the outlet near the intersection of Beach Street and 58th Street, the project consists of underground facilities that will not have any permanent visual impact to the surrounding area. Most of the underground facilities will be constructed within street rights-of-way, while a portion of the project will be constructed within storm drain easements within private property. Although construction activities within private property will impact fencing and landscaping, these impacts are temporary and will be replaced/repared as part of the project. Thus, the project will not have a substantial adverse effect on the scenic vista.

Source: Project Design, RCIP

Ib) Substantially damage scenic resources, including, but not limited to trees, rock outcroppings, and historic buildings within a state scenic highway?

No Impact. See response Ia). Major trees, rock outcroppings or historic buildings are not located within the proposed project alignment nor is there a State scenic highway located within the project area. Therefore, the proposed project will not impact scenic resources within a State scenic highway.

Source: Project Design, RCIP

Ic) Substantially degrade the existing visual character or quality of the site and its surroundings?

Less than Significant Impact. See response Ia). The visual character of the project site and its surroundings could be affected in the short-term by construction activities. Construction related activities such as excavating, stockpiling, materials and equipment storage could result in temporary impacts to the visual character of the site. These visual disturbances are short-term and would cease once construction is completed. Therefore, the long term visual character of the site and surrounding areas will not be significantly degraded as a result of the project.

Source: Project Design

Id) Create a new source of substantial light or glare, which would adversely affect day or nighttime views in the area?

No Impact. Construction, operation and maintenance of the proposed project, which is an underground storm drain facility, will not produce any new sources of light or glare. Therefore, the proposed project would not adversely affect day or night time views in the area due to creation of new sources of substantial light or glare.

Source: Project Design

II. AGRICULTURAL & 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. Would the project:

- IIa) 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. As shown on Figure OS-2 (Agriculture Resources) of the Riverside County General Plan, the proposed project is not located within areas designated as Prime Farmland, Unique Farmland, or Farmland of Statewide Importance. Therefore, farmland will not be converted as a result of the proposed project.

Source: RCIP

- IIb) Conflict with existing agricultural zoning, agricultural use or land subject to a Williamson Act contract or land within a Riverside County Agricultural Preserve?**

No Impact. As shown on the Figure LU-1 (Riverside County General Plan Land Use) of the Riverside County General Plan, the proposed project is not located within areas zoned for agricultural use or areas subject to a Williamson Act Contract. Therefore, the proposed project would not conflict with existing agricultural uses.

Source: RCIP

- IIc) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use?**

No Impact. The proposed project will not result in the conversion of farmland to non-agricultural use. See responses IIa) and IIb).

- IId) 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. Forest land are lands capable of supporting 10-percent native tree cover of any species and allows for management of one or more forest resources such as timber, aesthetics, fish and wildlife, biodiversity, water quality, and recreation [**Public Resources Code Section 12220(g)**]. Timberland are lands designated by the Board as experimental forest land, which is available for, and capable of, growing a crop of trees of any commercial species used to produce lumber and other forest products [**Public Resources Code Section 4526**]. Timberland Production Zone (TPZ) is an area which has been devoted to and used for growing or harvesting timber [**Government Code Section 51104(g)**].

As shown on the Figure OS-3 (Riverside County Parks, Forest and Recreation Areas) of the Riverside County General Plan, the proposed project site is not located within any land with zoning for forest land, timberland or timberland zoned Timberland Production. Therefore, the proposed project will not conflict with existing forest zoning.

Source: RCIP, Public Resources Code Sections 12220(g) and 4526, Government Code Section 51104(g)

IIe) Result in the loss of forest land or conversion of forest land to non-forest use?

No Impact. The proposed project will not result in the loss or conversion of forest land. See response II d).

III. AIR QUALITY AND GREENHOUSE GAS EMISSIONS. 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:

IIIa) Conflict with or obstruct implementation of the applicable air quality plan?

Less than Significant Impact. The proposed project is located within the South Coast Air Basin (SCAB), a region that currently exceeds and is in violation of State and national ambient air quality standards for ozone (O₃) and particulate matter (PM) less than 10 and 2.5 microns in diameter (PM₁₀ and PM_{2.5}). The South Coast Air Quality Management District (SCAQMD) regulates air quality emissions within the SCAB and has prepared a series of Air Quality Management Plans (AQMP), the most recent of which was adopted by the Governing Board of the SCAQMD on June 1, 2007 (2007 AQMP). The 2007 AQMP is designed to meet applicable Federal and State requirements, including attainment of ambient air quality standards. To assess the impacts of project-related construction and operational emissions, the SCAQMD has established regional significance thresholds.

As described below in response III b), construction and subsequent maintenance emissions from the proposed project will only result in temporary, less than significant impacts to air quality.

Source: AQMP, SCAQMD

IIIb) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?

Potentially Significant Unless Mitigation Incorporated. The proposed project consists of the construction, operation and maintenance of flood control facilities. The maintenance of the proposed storm drains will not result in any significant air quality impacts. The construction of the project will create minimal, temporary short term air quality impacts that are considered less than significant with the implementation of measure MM III-A. Construction activities related to the proposed project consists of excavating, hauling, pipe laying, backfilling, compacting and paving.

The SCAQMD has established regional significance thresholds to help assess the impacts of project-related construction and operation emissions. Construction and operational emissions from the proposed project that are below these thresholds are considered less than significant. The proposed project consists of the construction operation and maintenance of approximately 6,400 lineal feet of underground storm drain system. Subsequent operation and maintenance of the proposed flood control facility is expected to release infrequent and minor air emissions associated with trucks used on an as-needed bases for inspection or maintenance proposes. Temporary construction emissions would come from heavy equipment exhaust, construction-related trips by workers, and associated fugitive dust generation from excavation and grading activities. Construction emissions thresholds as recommended by the SCAQMD and estimated construction emissions for the proposed

project are noted below in Table 2. The estimated construction emissions are calculated using the URBEMIS 2007 (Version 9.2.4) air pollution emissions model. Model assumptions are listed below in Table 1. The total disturbance area is estimated to be 4.62 acres.

Table 1
URBEMIS Model Assumptions

Construction Phase	Equipment	Duration
Phase 1 – Clearing, excavation, and grading for outlet	<ul style="list-style-type: none"> • One rubber tired loader • One surfacing equipment • Two backhoes • Two dump trucks • One water truck 	1 week
Phase 2 – Pipe installation	<ul style="list-style-type: none"> • Two excavators • Three pickup trucks • One rubber tired loaders • Two dump trucks • One water truck • One portable generator 	8.25 weeks
Phase 3 – Paving	<ul style="list-style-type: none"> • One grinder • One paving equipment • Two rollers • One dump truck 	1 week

The construction emissions estimates are based on every piece of equipment operating a full 8 hours per day (even though some equipment will actually sit idle during the construction process). URBEMIS also includes estimates of construction emissions due to worker trips in each phase. The model assumes that the number of workers is 125% of the number of construction equipment, and assumes that the construction worker commute fleet mix is 50% light duty autos and 50% light duty trucks. These estimates are also based on unmitigated emissions. See Appendix A "URBEMIS 2007 (v9.2.4) Printout" for the detailed emissions reports.

Table 2
Estimated Construction Emissions (pounds per day unmitigated)

Criteria Pollutants	SCAQMD Significant Criteria for Construction (lbs/day)	Project Estimated Construction Emissions for 2011 (lbs/day)
Nitrogen Oxides (NO _x)	100	92.4
Reactive Organic Gases (ROG)	75	8.8
Sulfur Oxides (SO _x)	150	0.0
Carbon Monoxides (CO)	550	34.1
Particulates (PM ₁₀)	150	9.0
Particulates (PM _{2.5})	55	1.3

Based on the estimated values that are shown above in Table 2, the temporary construction emissions from the proposed project will not exceed the SCAQMD's recommended significant thresholds for construction. In addition, compliance with Rule 403 for the control of fugitive dust would ensure that the project will not violate any air quality standard or contribute substantially to an existing or projected air quality violation. Implementation of the following measure would ensure impacts remain less than significant:

MM Air 1 The contractor shall be required to comply with the applicable provisions of SCAQMD Rule 403 and implement appropriate fugitive dust control measures including watering, stabilized construction access to reduce tracking of mud or dirt onto public roads, covering trucks hauling loose materials off-site and street sweeping of track out.

Source: Project Design, CARB, SCAQMD, URBEMIS

IIIc) Result in 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)?

Less than Significant Impact. The SCAB is designated as a non-attainment area for ozone (O₃) and particulates (PM_{2.5} and PM₁₀). The proposed project will only result in short-term construction emissions. As shown in response IIIb) above, the temporary construction emissions associated with the proposed project will not exceed daily construction emissions significance thresholds recommended by the SCAQMD. As a result, the proposed project will not result in a cumulative considerable net increase of any criteria pollutant.

Source: SCAQMD

III d) Expose sensitive receptors to substantial pollutant concentrations?

Less than Significant Impact. Sensitive receptors include existing residential uses along the proposed project alignment. As mentioned previously in response IIIa), the SCAB is a non-attainment area for several criteria pollutants. Although the URBEMIS modeling software does not estimate ozone emissions, NO_x and ROG are considered precursors to ozone formation. According to Table 2 above, NO_x, CO and ROG emissions will remain below daily emissions thresholds and, therefore, will not cause a cumulatively considerable net increase of any criteria pollutant.

Source: URBEMIS

III e) Create objectionable odors affecting a substantial number of people?

Less than Significant Impact. Construction and maintenance activities may produce odors associated with the operation of heavy equipment; however, perception of any odors would be short-term in nature and not considered a significant impact.

Source: Project Design

III f) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?

Less than Significant Impact. On June 1, 2005, Governor Arnold Schwarzenegger signed Executive Order S-3-05 which sets forth a series of target dates by which statewide greenhouse gas (GHG) emissions would be reduced to as follows: 1) 2000 levels by the year 2010; 2) 1990 levels by the year 2020; and 3) eighty percent (80%) below the 1990 levels by the year 2050. In 2006, the California State Legislature adopted AB 32 (Global Warming Solutions Act of 2006) and the Governor signed it into law. AB 32 requires the California Air Resources Board (CARB), the State agency charged with regulating statewide air quality, to adopt rules and regulations that would achieve GHG emissions equivalent to statewide

levels in 1990 by the year 2020. GHG as defined under AB 32 include carbon dioxide (CO₂), methane, nitrous oxide, sulfur hexafluoride, hydrofluorocarbons and perfluorocarbons. CO₂ has been identified as the most important anthropogenic GHG because it comprises the majority of total GHG emissions emitted per year and it is very long-lived in the atmosphere.

The main source of GHG emissions associated with the project is the previously described short-term emissions related to the use of heavy equipment. URBEMIS 2007 (v.9.2.4) estimated that the temporary project construction emissions will be a total of 733.8 tons/year (i.e., 665.7 metric tons of CO₂ equivalents per year – MTCO_{2eq/yr}) for 2012. Subsequent operation and maintenance of the proposed project is expected to release infrequent and minor GHG emissions far less than the estimated 2012 construction emissions of 665.7 MTCO_{2eq/yr}.

Currently, there are no established significance thresholds from Federal or State agencies. However, in October 2008, the CARB and SCAQMD issued the draft "Recommended Approaches for Setting Interim Significance Thresholds for Greenhouse Gases under the California Environmental Quality Act" and the "Draft Guidance Document – Interim CEQA Greenhouse Gas (GHG) Significance Threshold", respectively. Each agency's draft guidance material represents a potential analytical framework for addressing CEQA significance thresholds for GHG. In general, interim GHG thresholds of 7,000 and 10,000 MTCO_{2eq/yr} are recommended by CARB and SCAQMD, respectively. The GHG emissions of 665.7 MTCO_{2eq/yr} is well below the available interim GHG threshold recommended by the CARB and SCAQMD. Therefore, the proposed project will not generate GHG emissions that would cause significant direct or indirect impacts on the environment.

Source: CARB, SCAQMD

IIIg) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

Less than Significant Impact. As described in IIIf) above, the GHG emissions caused by the proposed project are temporary and not significant. Thus, the proposed project would not conflict with any currently adopted plans, policies or regulations established for the purpose of reducing greenhouse gases.

IV. BIOLOGICAL RESOURCES. Would the project:

IVa) 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?

Potentially Significant Unless Mitigation Incorporated. Most of the proposed underground storm drain project will be constructed within road rights-of-way, while some portions will be constructed within easements through private property. The storm drain outlet structure will be constructed on disturbed but undeveloped land. The approved Western Riverside Multiple Species Habitat Conservation Plan (MSHCP) requires certain habitat assessments and surveys for species covered under the MSHCP. A Biological Resources Technical Report and MSHCP Consistency Analysis (Biological Resources Report) was prepared for the project and included general field reconnaissance of the project site and review of pertinent literature. The study concluded that due to the limited suitable habitat on-site, few special-status wildlife species are expected to occur; however, potential off-site occurrences of special-

status species may be impacted by indirect effects of the project. To ensure the avoidance of burrowing owls, the following mitigation measure will be implemented:

MM Bio 1: A pre-construction survey for burrowing owl will be conducted within 30 days prior to site disturbance. Take of active nest(s) shall be avoided. Passive relocation (i.e., the use of one-way doors and collapse of burrows) will occur when owls are present outside the nesting season.

Source: DUDEK

IVb) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?

Less than Significant Impact. Sensitive habitats are those that are considered rare or declining in the region or support sensitive plant and/or wildlife species. Such areas typically include riparian or wetland areas regulated by the U.S. Army Corps of Engineers, the California Department of Fish and Game, and the Regional Water Quality Control Board. The biological survey area contains riparian habitat near the outlet. However, the riparian vegetation will be avoided during construction and maintenance. The Biological Resources Report concluded that potential indirect impacts to adjacent riparian vegetation could occur due to construction dust, soil-erosion and runoff. Compliance with standard construction BMPs will ensure that these impacts will remain less than significant.

Source: DUDEK

IVc) Have a substantial adverse effect on biological resources involved within a jurisdictional water feature as defined by federal, state or local regulations (e.g., Section 404 of the Clean Water Act, Section 401 of the Clean Water Act, Section 1602 of California Fish and Game Code, Porter-Cologne Water Quality Control Act, etc.) through direct removal, filing, hydrological interruption, or other means?

Less than Significant Impact. A jurisdictional delineation was included as part of the Biological Resources Report. The jurisdictional delineation did not identify jurisdictional features subject to U.S. Army Corps of Engineers, Regional Water Quality Control Board and California Department of Fish and Game regulation within the area disturbed by the project. It was determined that jurisdictional waters were 20 feet away from the project's outlet. The proposed project will not significantly impact a jurisdictional water feature. See response IVb).

IVd) 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?

Less than Significant Impact. The Biological Resources Report concluded that the proposed project is not located within a core or linkage as defined by the MSHCP. Core Area A, which consists of Prado Basin and the Santa Ana River, is located approximately 4,500 feet to the south of the site. Since it is not directly adjacent to the site, therefore, no edge effects would occur.

Source: DUDEK

IVe) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?

No Impact. The proposed project will not conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy.

Source: RCIP

IVf) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?

Less than Significant Impact. On June 17, 2003, the Riverside County Board of Supervisors adopted the MSHCP. The MSHCP is a comprehensive, multi-jurisdictional habitat conservation plan focusing on the conservation of species and their associated habitat in Western Riverside County. The Riverside County Flood Control and Water Conservation District (District) is a MSHCP permittee and the proposed project must fulfill all applicable MSHCP sections. Applicable MSHCP sections include Section 3.2.1 (Criteria Area and Public/Quasi Public Lands), Section 6.1.2 (Riparian/Riverine Areas and Vernal Pools), Section 6.1.3 (Narrow Endemic Plant Species), Section 6.1.4 (Urban/Wildlife Interface Guidelines), Section 6.3.2 Additional Surveys, Section 7.5.3 (Construction Guidelines) and Appendix C.

The Biological Resources Report addresses the consistency of the proposed project with the District's MSHCP requirements:

- **Section 3.2.1, P/QP Lands and Criteria Cells** – The proposed project is located with an existing residential development. Based on the Biological Resources Report, the proposed project is not located within areas designated as Criteria Areas or Public/Quasi-Public (P/QP) Lands by the MSHCP. Except for the outlet, the proposed project is an underground storm drain facility located primarily within existing street rights-of-way.
- **Section 6.1.2, Protection of Species Associated with Riparian/Riverine Areas and Vernal Pools** – The biological survey area does contain riparian/riverine areas as defined in Section 6.1.2 of the MSHCP; however, these areas will be delineated and fenced to avoid impacts during construction and maintenance. Also, Vernal Pools as defined in Section 6.1.2 of the MSHCP are not present within the biological survey area.
- **Section 6.1.3, Protection of Narrow Endemic Species** – The proposed project is not located within a mapped survey area for the Narrow Endemic Plant Species. Therefore, no habitat assessment or survey is required under Section 6.1.3 of the MSHCP.
- **Section 6.1.4, Urban/Wildlands interface requirements** – The project site would not be considered in proximity to the MSHCP conservation area. Also, the project site would not result in long-term adverse edge effects such as drainage, toxics, lighting, noise, or invasive species that would affect biological resources within areas proposed for MSHCP conservation.
- **Section 6.3.2, Additional Survey Needs and Procedures** – The project area is not located with the MSHCP burrowing owl survey area but there is a moderate potential for burrowing owls to occur on-site. To ensure avoidance of this species, the project has committed to conduct a pre-construction burrowing owl survey within 30 days of construction related ground disturbance activities. The project area is not within any

MSHCP amphibian species survey areas or MSHCP mammalian survey areas for the San Bernardino kangaroo rat and Los Angeles pocket mouse.

- **Section 7.5.3, Construction Guidelines for Facilities within Criteria Areas and P/QP Lands and Standard Best Management Practices, Appendix C** – The proposed project is not located within the Criteria Area; therefore, Section 7.5.3 does not apply to the project. However, the District will implement applicable Standard Best Management Practices as outlined in Appendix C.

Additionally, the District will pay the MSHCP mitigation fee in accordance with Section 13.4 Provision B of the MSHCP Implementing Agreement. Based on the above discussion the proposed project is consistent with the MSHCP.

Source: DUDEK, MSHCP

V. CULTURAL RESOURCES. Would the project:

- Va) **Cause a substantial adverse change in the significance of a historical resource as defined in §15064.5?**

Potentially Significant Unless Mitigation Incorporated. The District received the cultural resource records search from the Eastern Information Center (EIC) on January 21, 2010. The EIC records search indicates that three cultural resource studies have been conducted within a quarter-mile radius of the project area. Two of these studies involve the project area. The EIC also consulted the National Register of Historic Places (NRHP), the California Office of Historic Preservation (OHP), and the 1901 and 1942 USGS Riverside 15' topographic maps. The NRHP and OHP did not include any listed properties within the project area. The 1901 and 1952 USGS maps do not indicate the presence of possible historical structures or features within the boundaries of the project area.

A Phase 1 Archaeological Assessment (Cultural Study) for the proposed project was completed by Dudek in September 2010. As part of the Cultural Study, Dudek conducted a Phase 1 pedestrian survey of the proposed project site. According to the Study, no potentially significant cultural resources were identified within the proposed project site and the proposed project would not have the potential to significantly impact cultural resources. To ensure that potential impacts to unknown historical resources are avoided or reduced to a less than significant level, the following mitigation measure will be incorporated into the proposed project:

MM Cultural 1: If any archaeological or historical resources are exposed during ground excavation disturbance, ground disturbance activities in the vicinity of the discovery will be terminated immediately and a qualified archaeological resources specialist will evaluate the resources. A representative of the Soboba Band of Luiseno Indians will be notified upon discovery of any Native American cultural resource and may examine the resources after evaluation by the archaeological resources specialist. If any discovered archaeological resources merit long-term consideration, adequate funding will be provided to collect, curate and report these resources in accordance with standard archaeological management requirements.

Source: CULTURAL

Vb) Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?

Less than Significant Impact. The District received the Sacred Lands File (SLF) search from the Native American Heritage Commission (NAHC) on January 21, 2010. The SLF failed to indicate the presence of Native American cultural resources within a one-half mile radius of the project area. This information does not preclude the potential for uncovering buried cultural resources during construction. In accordance with the NAHC recommendations, all the Native American tribes in the region were contacted regarding information that they may have concerning Native American cultural resources in the project area. The Soboba Band of Luiseño Indians concluded that the project site falls within the bounds of their Tribal Traditional Use Area and requested further consultation. The District sent copies of the record searches to the Soboba Band of Luiseño Indians for their consideration. This Initial Study will be forwarded to the Soboba Band of Luiseño Indians during the CEQA public review process as well.

Based on the EIC records search and SLF search conducted as part of the Cultural Study, no potentially significant cultural resources were identified near the project site. To ensure that any accidentally uncovered cultural resources are properly evaluated and documented, the previously described condition MM V-A will be incorporated into the project.

Source: CULTURAL

Vc) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?

Potentially Significant Unless Mitigation Incorporated. The Riverside County General Plan Paleontological Map (Figure OS-8) and the Riverside County GIS mapping indicate that the project is located within an area of high potential for paleontological resources. A Paleontological Resource Assessment was conducted by Department of PaleoServices San Diego Natural History Museum for the project. The assessment states "that excavations into the Old Alluvial Fan Deposits will impact potentially fossil-bearing strata of Pleistocene age". According to the Supplemental Geotechnical Evaluation dated August 11, 2010 conducted for the proposed project, pipe excavation within depths from 5 feet to 30 feet may occur in undisturbed alluvial deposits. To ensure that potential impacts to paleontological resources are avoided or reduced to a less than significant level, the following mitigation measure will be incorporated into the proposed project:

MM Cultural 2: An approved Paleontological Monitor shall be present during excavation in older alluvium fan deposits throughout the proposed storm drain project. If any paleontological resources are exposed during ground excavation disturbance, ground disturbance activities in the vicinity of the discovery will be terminated immediately and a qualified paleontological resources specialist will evaluate the resources. Any discovered paleontological resources that merit long-term consideration, shall be collected and reported in accordance with standard archaeological management requirements.

Source: PaleoServices, RCIP

Vd) Disturb any human remains, including those interred outside of formal cemeteries?

Potentially Significant Unless Mitigation Incorporated. Based on the Cultural Study, it is unlikely that human remains are located within the proposed project area. In the unlikely event that human remains are accidentally uncovered on the project site, the following condition will ensure that potential impacts remain less than significant:

MM Cultural 3: Per State Health and Safety Code 7050.5, if human remains are encountered during construction, no further disturbance shall occur until the Riverside County Coroner has made a determination of origin and disposition pursuant to Public Resources Code Section 5097.98. The Riverside County Coroner must be notified within 24 hours. If the County Coroner determines that the remains are not historic, but prehistoric, the Native American Heritage Commission (NAHC) must be contacted to determine the most likely descendent for this area. Once the most likely descendent is determined treatment of the Native American human remains will proceed pursuant to Public Resources 5097.98. The NAHC may become involved with decisions concerning the disposition of the remains.

Source: CULTURAL

VI. GEOLOGY AND SOILS. Would the project:

Via) 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. A geotechnical investigation for the proposed project was completed and a report (Geotechnical Investigation Report) was prepared by GeoTek, Inc., on May 13, 2009. The Geotechnical Investigation Report states that the project site is not located within or near a currently delineated State of California Alquist-Priolo Earthquake Fault Zone. Also, the proposed project is an underground storm drain facility located mostly within street rights-of-way. Therefore, the proposed project will not expose people or structures to potential substantial adverse effects resulting from rupture of a known earthquake fault.

Source: GeoTek, Inc.

ii) Strong seismic ground shaking?

Less than Significant Impact. According to Figure S-12 of the County of Riverside General Plan, the project area is located within an area of "extremely high" risk for ground shaking. However, the District's routine inspection and maintenance activities will ensure that the storm drain system is repaired if damage does occur during a seismic event. Therefore, the project would not expose people or structures to potential substantial adverse impacts involving seismic ground shaking.

Source: RCIP

iii) **Seismic-related ground failure, including liquefaction?**

Less than Significant Impact. According to the Geotechnical Investigation Report, liquefaction potential on the project site is considered to be very low due to a combination of factors including the relatively dense nature of the underlying soils, soil types and a general lack of a shallow groundwater table. Also, the District's routine inspection and maintenance activities will ensure that the storm drain system is repaired if damage does occur during a seismic-related ground failure. Therefore, the project will not expose people or structures to potential substantial adverse effects involving seismic-related ground failure.

Source: GeoTek, Inc.

iv) **Landslides or mudflows?**

No Impact. According to the Geotechnical Report, evidence of ancient landslides or slope instabilities was not observed at the project site. Therefore, the project will not expose people or structures to potential substantial adverse effects involving seismic-related ground failure.

Source: GeoTek, Inc.

VIb) **Result in substantial changes in topography, unstable soil conditions from excavation, grading or fill, or soil erosion or the loss of topsoil?**

Less than Significant Impact. The excavation operation will be conducted in accordance with the Division of Occupational Safety and Health (CAL/OSHA) standards to ensure that unstable soil conditions do not occur. The backfill operation will be conducted in accordance with the applicable recommendations of the Geotechnical Report. During the construction phase, appropriate Best Management Practices (BMPs) will be implemented by the construction contractor to minimize erosion. Therefore, potential impacts will be reduced to less than significant.

Source: Project Design

VIc) **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. According to Figure S-7 (Documented Subsidence) of the Riverside County General Plan, the proposed project is located in an area that may be susceptible to subsidence. The proposed project will be designed and constructed in accordance with the applicable recommendations in the geotechnical analysis prepared for the project, therefore, impacts relating to on-site or off-site landslide, lateral spreading, subsidence, liquefaction or collapse will be less than significant. See responses VIa) iv) and VIa) iii).

Source: RCIP

- VIId) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994 or most current edition), creating substantial risks to life or property?**

No Impact. The geotechnical analysis evaluated the suitability of the soils in the project area. The Geotechnical Report did not identify expansive soils and concludes that the proposed project is feasible in regard to soil stability provided that the recommendations in the report are implemented during design and construction.

Source: GeoTek, Inc.

- VIe) Have soils incapable of adequately supporting any structures, fill or other improvements associated with the project?**

No Impact. The proposed project consists of the construction and maintenance of a storm drain system. There are no housing units or businesses proposed, nor will additional improvements be required as a part of the proposed project. Therefore, there will be no impacts regarding soils incapable of adequately supporting any structures.

Source: Project Design

VII. HAZARDS AND HAZARDOUS MATERIALS. Would the project:

- VIIa) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?**

Less than Significant Impact. Construction and subsequent maintenance of the proposed project does not involve the routine use or transport of hazardous materials beyond the short-term use of petroleum-based fuels, lubricants, pesticides and other similar materials during construction. The construction phase may include the transport of gasoline and diesel fuel to the project site and on-site storage for the sole purpose of fueling construction equipment. BMPs stipulating proper storage of hazardous materials and vehicle fueling will be implemented during construction. All transport, handling, use and disposal of substances such as petroleum products, solvents and paints related to operation and maintenance of the proposed project will comply with all Federal, State and local laws regulating the management and use of hazardous materials. The proposed project will not create a significant hazard to the public or the environment. Therefore, impacts related to creating a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials will be less than significant.

Source: Project Design

- VIIb) 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. The proposed project will not create a significant hazard to the public or environment through accidental release of hazardous materials. Since the proposed project will comply with measures including construction BMPs, transport and handling laws regulating the management and use of hazardous materials, potential impacts will be reduced to less than significant. See response VIIa).

- VIIc) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?**

No Impact. See response VIIa). There is not an existing or proposed school within a one-quarter mile of the project site.

Source: Project Design

- VIIId) 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?**

Potentially Significant Unless Mitigation Incorporated. A review of the Department of Toxic Substances Control's Hazardous Waste and Substances List (Cortese List) indicated that the proposed project is not located on any identified hazardous materials sites. In addition, a review of the State Water Resources Control Board's Leaking Underground Storage Tank (LUST) Geotracker database and the Environmental Protection Agency's (EPA) EnviroMapper indicates that there are no listed hazardous materials sites within the project area. However, in the unlikely event of discovery of previously unknown hazardous materials during construction, the following measure shall be implemented.

MM Hazards 1: If previously unknown hazardous wastes/materials are encountered in the field during construction, ground disturbance activities in the vicinity of the discovery shall cease until a qualified hazardous materials management specialist can assess the potentially hazardous substances and, if necessary, develop appropriate management measures in coordination with the appropriate regulatory agencies.

Source: DTSC, SWRCB, EPA

- VIIe) 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 proposed project is not located within airport land use or within two miles of a public or public use airport.

Source: GIS

- VIIIf) 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. The proposed project is not located within the vicinity of a private airstrip.

Source: GIS

- VIIg) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?**

Less than Significant Impact. Neither the construction nor subsequent maintenance of the proposed project will impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan. Vehicular access will be maintained

or detours will be provided during project construction. It is also standard practice for the District to notify public safety agencies prior to commencing project construction activity.

Source: Project Design

- VIIIh) 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?**

Less than Significant Impact. Figure 9 (Jurupa Area Plan Wildfire Susceptibility) of the Riverside County General Plan indicates that the project area is subject to minimal risk of wildland fire hazards. The proposed storm drain system would not expose people or structures to an increased risk of wildfire beyond current conditions.

Source: RCIP

VIII. HYDROLOGY AND WATER QUALITY. Would the project:

- VIIIa) Violate or conflict with any adopted water quality standards or waste discharge requirements?**

Less than Significant Impact. The proposed project consists of the construction, operation and maintenance of an underground storm drain system. The proposed project will not create new sources of stormwater pollutants; however, it will collect, convey and discharge stormwater runoff emanating from developed areas that may already produce pollutants. During the construction phase, the potential for short-term discharges of sediment, hydrocarbons or other pollutants associated with stormwater runoff from construction may be increased. The District is required to comply with the NPDES Municipal Separate Storm Sewer System (MS4) permit issued by the SARWQCB. Compliance with these established programs will ensure that the project would not result in substantial discharges of typical stormwater pollutants.

Source: Project Design, NPDES, SARWQCB

- VIIIb) Result in substantial discharges of typical stormwater pollutants (e.g. sediment from construction activities, hydrocarbons, and metals from motor vehicles, nutrients and pesticides from landscape maintenance activities, metals of other pollutants from industrial operation,) or substantial changes to surface water quality including, but not limited to, temperature, dissolved oxygen, pH, or turbidity?**

Less than Significant Impact. The proposed project will not result in substantial discharges of typical stormwater pollutants. See response VIIIa).

- VIIIc) 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. The proposed project consists of the construction, operation and maintenance of an underground storm drain system and does not involve the withdrawal of groundwater. Also, according to the Geotechnical Investigation Report, groundwater is not expected to be encountered during construction. Therefore, groundwater removal during

excavation is not expected. However, by collecting and conveying stormwater runoff within an underground storm drain system and paving 54th Street from Rutile Street to Beach Street, the amount of stormwater runoff which would normally percolate on-site would be slightly reduced. The proposed project will outlet into a broad floodplain where stormwater runoff collected within the storm drain system will percolate. Therefore, the proposed project would result in a minor reduction in groundwater recharge and impacts will be less than significant.

Source: Project Design

VIII d) Substantially alter the existing drainage pattern of the site or area, including through the alteration of a watercourse or wetland, in a manner which would result in substantial erosion or siltation on- or off-site?

Less than Significant Impact. The proposed project will not substantially alter a watercourse or wetland. The proposed project lies within an area that is already developed and will not alter the existing or proposed land-use within the project area. Therefore, the proposed project will not increase the quantity of surface water runoff nor will drainage patterns in the project area be altered in a manner which would result in substantial erosion or siltation on-site or off-site. An energy dissipation structure will be constructed at the outlet south of 58th Street to avoid erosion from increased velocities at the outlet.

Source: Project Design

VIII e) 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. The proposed underground storm drain system will merely collect and convey stormwater runoff through the proposed project area and will not substantially increase the rate or amount of surface runoff in a manner which would result in flooding on-site or off-site.

Source: Project Design

VIII f) Create or contribute runoff water, which would exceed the capacity of existing or planned stormwater drainage systems?

Less than Significant Impact. The proposed project will outlet into a broad floodplain for the Pyrite Channel. Therefore, the proposed project will not create or contribute runoff water which would exceed the capacity of the channel.

Source: Project Design

VIII g) Place housing within a 100-year flood hazard area as mapped on Federal Flood Hazard boundary of Flood Insurance Rate Map or other flood hazard delineation map?

No Impact. The proposed project will not 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. The proposed project will reduce the exposure of people and property to local flood hazards.

Source: Project Design

VIIIh) Place structures or fill within a 100-year flood hazard area, which would impede or redirect flood flows?

No Impact. Except for the outlet, the proposed project is not located within a 100-year flood hazard area as mapped on a Federal Flood Hazard Maps. The proposed project will reduce the exposure of people and property to local flood hazard.

Source: Project Design

VIIIi) 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. The proposed drainage facilities will not expose people or structures to a significant risk involving flooding. Also, the project will increase the existing level of flood protection for nearby existing development.

Source: Project Design

VIIIj) Expose people or structures to a significant risk of loss, injury or death involving inundation by seiche, tsunami, or mudflow?

No Impact. The proposed project site is not subject to inundation by a seiche or tsunami. Also, the proposed flood control facility will not increase the potential for mudflows.

Source: Project Design

IX. LAND USE PLANNING. Would the project:

IXa) Physically divide an established community?

No Impact. The proposed project consists of the construction, operation and maintenance of an underground storm drain system located mostly within road rights-of-way. The proposed project will not physically divide an establish community.

Source: Project Design

IXb) 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?

No Impact. The proposed project will not conflict with any existing land use plans, policies or regulations.

Source: Project Design

X. MINERAL RESOURCES. Would the project:

Xa) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?

No Impact. The proposed project would not affect known mineral resources and would not change any land uses within the project area that would affect known mineral sources.

According to the Figure OS-5 (Mineral Resources) of the Riverside County General Plan, much of the project vicinity is classified by the State of California as a Mineral Resource Zone 3 (MRZ-3). This classification denotes mineral deposits are likely to exist; however, the significance of the deposit is undetermined.

Source: RCIP

Xb) 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. The project site is not within a delineated mineral resource recovery area and would not result in the loss of availability of locally-important mineral resources. See response Xa).

XI. NOISE. Would the project result in:

XIa) 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?

Potentially Significant Unless Mitigation Incorporated. The proposed project would involve the temporary intermittent use of construction equipment for various construction and maintenance activities over the life of the project. Construction and maintenance equipment may result in temporary increases above existing noise levels. Construction equipment noise generally ranges from 70 to 95 dBA at 50 feet from the source. At about 500 feet from the source, intermittent levels from the loudest construction equipment would be about 75 dBA. Maintenance activities would be infrequent and involve less equipment than the initial construction of the proposed project. Residential areas are located adjacent to the project site and could be temporarily affected by increased noise levels during construction. The long-term operation and maintenance of the proposed project would not cause a significant increase in noise levels. To ensure that potential short-term impacts are less than significant, the proposed project will comply with the Riverside County Ordinance Number 847 and incorporate the following measures:

MM Noise 1: Heavy equipment that may impact adjacent residential structures shall be limited from 7 a.m. to 5 p.m. Monday through Friday, except under special circumstances approved by the District's General Manager-Chief Engineer.

MM Noise 2: Each resident adjacent to the storm drain construction site shall be notified in writing three days prior to operation of heavy construction equipment near the residences. The notice shall include the expected work schedule and the District's contact information. The District shall alert the construction contractor of any noise complaints and incorporate any feasible and practical techniques which minimize the noise impacts on adjacent residences.

Source: Project Design, RCIP

XIb) Exposure of persons to or generation of excessive ground-borne vibration or ground-borne noise levels?

Less than Significant Impact. The proposed project would involve the temporary intermittent use of construction equipment for various construction and maintenance activities over the life of the project and may result in temporary ground-borne vibration impacts in the project area.

The Riverside County Noise Ordinance does not include criteria for ground-borne vibration. However, Caltrans' Transportation and Construction Induced Vibration Guidance Manual (Manual) provides methods to estimate construction induced ground-borne vibration, and provides criteria for acceptable levels of ground-borne vibration for human perception and potential damage to buildings. Tables 3 and 4 lists criteria for both human perception and building damage resulting from construction induced vibration.

**Table 3
Guidance Vibration Annoyance Potential Criteria**

Human Response	Maximum PPV (in/sec)	
	Transient Sources	Continuous/Frequent Intermittent Sources
Barely Perceptible	0.04	0.01
Distinctly Perceptible	0.25	0.04
Strongly Perceptible	0.90	0.10
Severe	2.00	0.40

**Table 4
Guidance Vibration Damage Potential Threshold Criteria**

Structure and Condition	Maximum PPV (in/sec)	
	Transient Sources	Continuous/Frequent Intermittent Sources
Extremely fragile historic buildings, ruins, ancient monuments	0.12	0.08
Fragile buildings	0.20	0.10
Historic and some old buildings	0.50	0.25
Older residential structures	0.50	0.30
New residential structures	1.00	0.50
Modern industrial/commercial buildings	2.00	0.50

Ground-borne vibration resulting from construction of the proposed project would be similar to a large bulldozer. Table 5 lists the estimated minimum and maximum construction induced vibration impacts at various points in the proposed project area using methods described in the Manual. Construction induced ground-borne vibration varies from 0.03 inches/second in areas within street rights-of-way, and up 0.07 inches/second within easements in private property.

**Table 5
Project Construction Induced Impacts (in/sec)**

Estimated Construction Induced Vibration Impacts (large bulldozer)		Threshold Intermittent Construction Induced Vibration	
Minimum (at 50 feet)	Maximum (at 25 feet)	Human Perception ("Distinctly Perceptible")	Building Damage
0.03	0.07	0.04	0.50

The maximum estimated vibration is slightly above levels categorized as "Distinctly Perceptible" and near levels categorized as "Strongly Perceptible". However, vibration levels estimated using the Manual assumes worst-case situations and actual levels are typically lower. The maximum estimated vibration is also well below the threshold for potentially

causing damage to buildings. Therefore, no damage to buildings because of construction induced ground-borne vibration is expected. Implementation of MM Noise 1 and MM Noise 2 will ensure short-term construction impacts that expose people to ground-borne vibration or noise levels to less than significant.

Source: Project Design, Caltrans' Transportation and Construction Induced Vibration Guidance Manual

XIc) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?

No Impact. The construction, operation and maintenance of a flood control facility will not result in a substantial permanent increase in ambient noise levels. Potential noise impacts will be limited to the temporary construction impacts described above. See response XIb).

Source: Project Design

XId) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?

Potentially Significant Unless Mitigation Incorporated. Although the construction of the project will result in a substantial temporary increase in ambient noise levels, as discussed in response XIa) the project will result in less than significant impact with implementation of mitigation measures MM Noise 1 and MM Noise 2. In addition, since maintenance activities would be infrequent and involve less equipment than the initial construction of the proposed project, impacts to ambient noise levels from maintenance would be less than significant.

Source: Project Design

XIe) 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?

No Impact. There are no airports located within two miles of the project site. The proposed project will not expose people residing or working in the project area to excessive noise levels.

Source: Project Design, GIS

XIf) 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?

No Impact. The project is not located within two miles of a private airstrip.

Source: Project Design, GIS

XII. POPULATION AND HOUSING. Would the project:

XIIa) 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) resulting in substantial adverse physical impacts or conflicts with the adopted general plan, specific plan, or other applicable land use or regional plan?

No Impact. The proposed underground storm drain system will alleviate local flooding in an existing developed residential area. The proposed project does not include the construction of homes or businesses and is not expected to result in any change to existing land use patterns or trigger substantial growth in the area. Regardless, any development that may occur is subject to the policies of the newly incorporated City of Jurupa Valley General Plan and to further review by the Community.

Source: Project Design

XIIb) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?

No Impact. The proposed project will not displace any existing housing. See response XIIb).

XIIc) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?

No Impact. The proposed project will not displace people and, thus, will not necessitate the construction of replacement housing elsewhere. See response XIIb).

XIII. PUBLIC SERVICES

XIIIa) 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 following public services:

Fire protection?

No Impact. The proposed project will not require additional fire services, or result in extended response times for fire protection service.

Police protection?

No Impact. The proposed project will not require additional police services, or result in extended response times for police protection services.

Schools?

No Impact. The proposed project will not affect local school enrollment or school facilities.

Parks?

No Impact. The proposed project will not interfere with parks or require need for new parks.

Other public facilities?

No Impact. The proposed project will not interfere with additional utilities.

Source: Project Design

XIV. RECREATION

- XIVa) 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 construction of drainage facilities would not increase use of existing parks or recreational facilities.

Source: Project Design

- XIVb) 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?**

No Impact. The proposed project does not include recreational facilities nor will it require the construction or expansion of such facilities.

Source: Project Design

XV. TRANSPORTATION AND TRAFFIC. Would the project:

- XVa) Conflict with an adopted 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?**

No Impact. The project would generate a minor amount of daily construction-related trips from trucks hauling soil and debris from the construction sites; trucks delivering equipment and materials to and from the construction sites; and construction workers driving to and from the construction sites. These localized increases in construction traffic would be temporary. Permanent traffic associated with the infrequent operation and maintenance of the project would occur primarily from vehicular trips by maintenance staff. However, operation and maintenance of the project would not generate a significant volume of new vehicle trips. Therefore, the project would not conflict with any applicable plans establishing measures of effectiveness for the performance of a circulation system.

Source: Project Design

- XVb) Conflict with an adopted congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the appropriate congestion management agency for designated roads or highways?**

No Impact. The proposed project is not located within a State Highway or Principle Arterial designated within the Riverside County Transportation Commission's (RCTC) 2010 Congestion Management Program (CMP). Although the proposed project would generate a minor amount of daily construction-related trips during construction, and fewer maintenance-related trips, as discussed in Response XVa), these trips would not be substantial in relation to the existing traffic load, capacity of intersections, street segments and freeways within the project area. Therefore, the project will not conflict with the CMP.

Source: CMP, Project Design

XVc) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?

No Impact. The proposed project consists of underground storm drainage facilities that would not increase hazards due to design features or incompatible uses.

Source: Project Design

XVd) Would the project result in inadequate emergency access?

Potentially Significant Unless Mitigation Incorporated. Although the operation and maintenance of the proposed project would not result in inadequate emergency access, the construction of the proposed project is expected to result in temporary lane closures of local roads for approximately 8 hours per day. The Traffic Control Plan (TCP) will detail and coordinate all traffic movement through the project area will be implemented throughout project construction. The proposed project will also be closely coordinated with the Riverside County Transportation Department, who will also review and approve the TCP. With the implementation of the TCP, combined with the short-term nature of the lane closures and the inclusion of the following measure, impacts to emergency access will remain less than significant.

MM XV-A: At all times during construction, emergency vehicles shall have access through the project site.

Source: Project Design

XVe) Would the project result in inadequate parking capacity?

No Impact. The proposed project site will not affect any existing parking facilities. The project site is expected to provide sufficient temporary parking areas for construction workers and equipment. Temporary parking related to construction activities is typically on or adjacent to the construction site. The project will not create long-term trip generation requiring parking.

Source: Project Design

XVf) Conflict with adopted policies, plans, or programs regarding public transit, bicycle, pedestrian facilities, or other alternate transportation or otherwise decrease the performance or safety of such facilities?

Less than Significant Impact. As discussed in response XVa) potential impacts to public transit, bicycle or pedestrian facilities are considered to be less than significant.

XVI. UTILITIES AND SERVICE SYSTEMS. Would the project:

XVIa) Impact the following facilities requiring or resulting in the construction of new facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?

Electricity

No Impact. The construction of the project would not require additional electrical facilities.

Natural Gas

No Impact. The construction of the project would not require additional natural gas facilities.

Communication System

No Impact. The construction of the project would not require additional communication systems facilities.

Street lighting

No Impact. The construction of the project would not require additional street lighting facilities.

Public facilities, including roads and bridges

No Impact. The construction of the project would not require additional public facilities.

Source: Project Design

XVIb) Require or result in the construction of new stormwater drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?

No Impact. The proposed project consists of the construction of new drainage facilities to alleviate nuisance flooding within the area. Other drainage facilities will not be required as a result of the proposed project.

Source: Project Design

XVIc) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?

No Impact. The proposed project does not require new or expanded water supplies. Construction of the proposed project will necessitate incidental short-term water use, for example, dust control during construction. Existing water sources/supplies will be adequate.

Source: Project Design

XVIId) Result in a determination by the wastewater 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?

No Impact. The proposed project would not generate wastewater or require wastewater treatment services. No new wastewater facilities are required as a result of the proposed project.

Source: Project Design

XVIe) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?

No Impact. The proposed project would generate a limited amount of solid waste during the construction phase. Construction waste will be limited to trash generated by construction crews plus minimal debris created during the clearing phase. The limited amount of solid waste generated by construction of the project would not be substantial or interfere with the capacity of nearby landfills. See response XVIIf).

Source: Project Design

XVIIf) Comply with federal, state, and local statutes and regulations related to solid waste?

No Impact. For District projects, all construction and demolition materials become the property of the Contractor for disposal. However, the District requires that construction waste be disposed off-site in compliance with Federal, State and local statutes and regulations related to solid waste. A long-term solid waste source would not be created.

Source: Project Design

XVII. MANDATORY FINDINGS OF SIGNIFICANCE.

XVIIa) 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. As demonstrated by this Initial Study, potential impacts to the environment, wildlife species, plant community and cultural resources will not occur, will be less than significant or will be mitigated to a level of insignificance. Refer to Section IVa).

XVIIb) 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. As discussed in this Initial Study, most of the potential adverse impacts are temporary and will cease upon construction completion. Due to the relatively small area of impact and the short construction period, potential impacts would not be cumulatively considerable.

XVIIc) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?

Less than Significant Impact. As discussed in this Initial Study, the project would result in very minimal environmental impacts such as air quality and noise due to construction related activities. With the incorporation of the mitigation measures as described in Sections III and XI, potential air quality and noise impacts will be less than significant and would not cause substantial adverse effects on human beings. Other potential adverse impacts to human beings are not expected to occur.

INITIAL STUDY CHECKLIST REFERENCE LIST

REFERENCES AND BIBLIOGRAPHY

The following documents were referred to as information sources during preparation of this document. They are available for public review at the locations abbreviated after each listing and spelled out at the end of this section. Some of these documents may also be available at the Riverside City and County Public Library, 3581 Seventh Street, Riverside CA 92502-0468, and/or branches of the library.

<u>Cited As:</u>	<u>Source:</u>
AQMP	South Coast Air Quality Management District, <i>Air Quality Management Plan 2007</i> , June 2007. (Available at SCAQMD)
Basin Plan	The 1995 Water Quality Control Plan for the Santa Ana River Basin (Region 8), updated in February 2008. (Available at http://www.swrcb.ca.gov/rwqcb8/water_issues/programs/basin_plan/index.shtml)
CARB	California Air Resources Board, <i>Area Designation Maps / State and National</i> , 2006. (Available at http://www.arb.ca.gov/desig/adm/adm.htm)
CMP	Riverside County Transportation Commission, <i>2010 Riverside County Congestion Management Program</i> , March 10, 2010
Conservation	California Department of Conservation, Farmland Mapping and Monitoring Program, Important Farmland Map, Western Riverside County, 2004. (ftp://ftp.consrv.ca.gov/pub/dlrp/FMMP/pdf/2006/riv06_west.pdf)
CULTURAL	Phase 1 Archaeological Assessment, Mira Loma – Beach Street Storm Drain, Stage 1 Project
DTSC	California Department of Toxic Substances Control, Hazardous Waste and Substance Site List (Cortese List), website accessed September 27, 2005. (Available at http://www.calepa.ca.gov/SiteCleanup/CorteseList/default.htm)
DUDEK	Biological Resources Technical Report and Multiple Species Habitat Conservation Plan (MSHCP) for the Mira Loma - Beach Street Storm Drain, Stage 1 Project, April 2011. (Available at the District)
EPA	US Environmental Protection Agency (EPA), EnviroMapper, (Available at http://www.epa.gov/waters/enviromapper/)
GeoTek Inc.	Limited Preliminary Geotechnical Evaluation for Mira Loma - Beach Street Storm Drain Project
GIS	County of Riverside, Geographic Information System Database. (Available at http://www3.tlma.co.riverside.ca.us/pa/rcgis/index.html)
Manual	Jones & Stokes, 2004, Transportation and construction induced vibration guidance manual, June (J&S 02-039). Sacramento, CA. Prepared for California Department of Transportation, Noise, Vibration and Hazardous Waste Management Office, Sacramento, CA
MSHCP	Western Riverside County, Multiple Species Habitat Conservation Plan, Final Version, Adopted June 17, 2003. (Available at Riverside County Planning and at http://www.rctlma.org/mshcp/index.html)
NRCS	U.S. Department of Agriculture, Soil Conservation Service, Soil Survey, Western Riverside Area, California, November 1971. (Available at USDA or at http://websoilsurvey.nrcs.usda.gov/app/)
PaleoServices	Department of PaleoServices, San Diego Natural History Museum, September 13, 2010
RCIP	Riverside County Integrated Project, County of Riverside General Plan, Final Version, Adopted October 7, 2003. (Available at Riverside County Planning and at www.rctlma.org)
Section 53091	California Government Code Section 53091. (Available at http://www.leginfo.ca.gov/calaw.html)
Section 12220	California Government Code Section 12220. (Available at http://www.leginfo.ca.gov/calaw.html)
Section 51104	California Government Code Section 51104. (Available at http://www.leginfo.ca.gov/calaw.html)
SCAQMD	South Coast Air Quality Management District, CEQA Air Quality Handbook, April 1993, with November 1993 Update. (Available at SCAQMD)
URBEMIS	The URBan EMISsions (URBEMIS) 2007 model (version 9.2.4), released February 2008. (Available on the SCAQMD Website at: www.urbemis.com)

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Urbemis 2007 Version 9.2.4

Summary Report for Annual Emissions (Tons/Year)

File Name: Z:\ERS (new)\District Projects\Zone 1\Beach Street SD Stage 1\Urbemis\Mira Loma - Beach St SD, Stg 1.urb924

Project Name: Mira Loma - Beach Street Storm Drain, Stg 1

Project Location: Riverside County

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

CONSTRUCTION EMISSION ESTIMATES

	<u>COG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10</u>	<u>PM2.5 Dust</u>
2012 TOTALS (tons/year unmitigated)	0.55	5.61	2.24	0.00	0.05	0.21	0.25	0.01

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Urbemis 2007 Version 9.2.4

Summary Report for Summer Emissions (Pounds/Day)

File Name: Z:\ERS (new)\District Projects\Zone 1\Beach Street SD Stage 1\Urbemis\Mira Loma - Beach St SD, Stg 1.urb924

Project Name: Mira Loma - Beach Street Storm Drain, Stg 1

Project Location: Riverside County

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

CONSTRUCTION EMISSION ESTIMATES

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10</u>	<u>PM2.5 Dust</u>
2012 TOTALS (lbs/day unmitigated)	6.77	70.11	27.88	0.02	6.26	2.55	8.19	1.31

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Urbemis 2007 Version 9.2.4

Detail Report for Summer Construction Unmitigated Emissions (Pounds/Day)

File Name: Z:\ERS (new)\District Projects\Zone 1\Beach Street SD Stage 1\Urbemis\Mira Loma - Beach St SD, Stg 1.urb924

Project Name: Mira Loma - Beach Street Storm Drain, Stg 1

Project Location: Riverside County

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

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CONSTRUCTION EMISSION ESTIMATES (Summer Pounds Per Day, Unmitigated)

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10 Total</u>	<u>PM2.5 E</u>
Time Slice 2/27/2012-3/2/2012	4.86	46.29	20.39	0.02	6.26	1.94	8.19	1
Active Days: 5								
Mass Grading 02/27/2012-03/02/2012	4.86	46.29	20.39	0.02	6.26	1.94	8.19	1
Mass Grading Dust	0.00	0.00	0.00	0.00	6.20	0.00	6.20	1
Mass Grading Off Road Diesel	4.23	38.48	16.04	0.00	0.00	1.64	1.64	0
Mass Grading On Road Diesel	0.58	7.72	2.79	0.01	0.05	0.29	0.33	0
Mass Grading Worker Trips	0.05	0.09	1.56	0.00	0.01	0.01	0.02	0
Time Slice 3/5/2012-10/5/2012	<u>6.77</u>	<u>70.11</u>	<u>27.88</u>	0.01	0.42	<u>2.55</u>	2.97	0
Active Days: 155								
Mass Grading 03/05/2012-10/05/2012	6.77	70.11	27.88	0.01	0.42	2.55	2.97	0
Mass Grading Dust	0.00	0.00	0.00	0.00	0.40	0.00	0.40	0
Mass Grading Off Road Diesel	6.61	68.80	25.21	0.00	0.00	2.49	2.49	0
Mass Grading On Road Diesel	0.09	1.19	0.43	0.00	0.01	0.04	0.05	0
Mass Grading Worker Trips	0.07	0.13	2.23	0.00	0.01	0.01	0.02	0
Time Slice 10/8/2012-10/12/2012	4.68	25.59	11.60	0.01	0.04	1.34	1.38	0
Active Days: 5								
Asphalt 10/08/2012-10/12/2012	4.68	25.59	11.60	0.01	0.04	1.34	1.38	0
Paving Off-Gas	1.77	0.00	0.00	0.00	0.00	0.00	0.00	0
Paving Off Road Diesel	2.43	19.71	8.38	0.00	0.00	1.12	1.12	0
Paving On Road Diesel	0.44	5.82	2.10	0.01	0.03	0.22	0.25	0
Paving Worker Trips	0.03	0.06	1.12	0.00	0.01	0.00	0.01	0

Phase Assumptions

Phase: Mass Grading 2/27/2012 - 3/2/2012 - Phase 1 - Outlet Construction/Clearing/Misc

Total Acres Disturbed: 1.24

Maximum Daily Acreage Disturbed: 0.31

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 322

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Off-Road Equipment:

- 2 Other Material Handling Equipment (191 hp) operating at a 0.59 load factor for 8 hours per day
- 1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 6 hours per day
- 1 Surfacing Equipment (362 hp) operating at a 0.45 load factor for 8 hours per day
- 2 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 7 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Mass Grading 3/5/2012 - 10/5/2012 - Phase 2 - Pipe Install - Excavation/Pipe/Backfill

Total Acres Disturbed: 3.38

Maximum Daily Acreage Disturbed: 0.02

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 49,71

Off-Road Equipment:

- 2 Excavators (168 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Generator Sets (549 hp) operating at a 0.74 load factor for 8 hours per day
- 3 Other Equipment (190 hp) operating at a 0.62 load factor for 8 hours per day
- 2 Other Material Handling Equipment (191 hp) operating at a 0.59 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Paving 10/8/2012 - 10/12/2012 - Phase 3 - Paving

Acres to be Paved: 3.38

Off-Road Equipment:

- 1 Other Equipment (190 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Other Material Handling Equipment (191 hp) operating at a 0.59 load factor for 8 hours per day
- 1 Paving Equipment (104 hp) operating at a 0.53 load factor for 6 hours per day
- 2 Rollers (95 hp) operating at a 0.56 load factor for 7 hours per day

Appendix B

Comment Letters and Responses



Matthew Rodriguez
Secretary for
Environmental Protection



Department of Toxic Substances Control

Deborah O. Raphael, Director
5796 Corporate Avenue
Cypress, California 90630



Edmund G. Brown Jr.
Governor

September 19, 2011

RECEIVED
SEP 20 2011

RIVERSIDE COUNTY FLOOD CONTROL
AND WATER CONSERVATION DISTRICT

Mr. Kris Flanigan
Riverside County Flood Control and Water Conservation District
1995 Market Street
Riverside, California 92501

NOTICE OF INTENT TO ADOPT A MITIGATED NEGATIVE DECLARATION FOR THE
MIRA LOMA – BEACH STREET STORM DRAIN PROJECT, (SCH #2011081090),
RIVERSIDE COUNTY

Dear Mr. Flanigan:

The Department of Toxic Substances Control (DTSC) has received your submitted draft Initial Study (IS) and a draft Mitigated Negative Declaration (MND) for the above-mentioned project. The following project description is stated in your document: "The proposed project is the construction, operation and maintenance of an underground storm drain located within the city of Jurupa Valley, Riverside County. The project site is located within the Mira Loma area. The project area is generally bounded by 53rd Avenue to the north, 59th Avenue to the south, Cedar Avenue to the east, and Rutile Street to the west. The project surroundings consist of mainly single family homes. The land use designation within project and its immediate adjacent area is Rural Community-Low Density Residential".

Based on the review of the submitted document DTSC has the following comments:

- 1) The MND should evaluate whether conditions within the Project area may pose a threat to human health or the environment. Following are the databases of some of the regulatory agencies:
 - National Priorities List (NPL): A list maintained by the United States Environmental Protection Agency (U.S.EPA).
 - Envirostor (formerly CalSites): A Database primarily used by the California Department of Toxic Substances Control, accessible through DTSC's website (see below).
 - Resource Conservation and Recovery Information System (RCRIS): A database of RCRA facilities that is maintained by U.S. EPA.

- Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS): A database of CERCLA sites that is maintained by U.S.EPA.
 - Solid Waste Information System (SWIS): A database provided by the California Integrated Waste Management Board which consists of both open as well as closed and inactive solid waste disposal facilities and transfer stations.
 - GeoTracker: A List that is maintained by Regional Water Quality Control Boards.
 - Local Counties and Cities maintain lists for hazardous substances cleanup sites and leaking underground storage tanks.
 - The United States Army Corps of Engineers, 911 Wilshire Boulevard, Los Angeles, California, 90017, (213) 452-3908, maintains a list of Formerly Used Defense Sites (FUDS).
- 2) The MND should identify the mechanism to initiate any required investigation and/or remediation for any site within the proposed Project area that may be contaminated, and the government agency to provide appropriate regulatory oversight. If necessary, DTSC would require an oversight agreement in order to review such documents.
 - 3) Any environmental investigations, sampling and/or remediation for a site should be conducted under a Workplan approved and overseen by a regulatory agency that has jurisdiction to oversee hazardous substance cleanup. The findings of any investigations, including any Phase I or II Environmental Site Assessment Investigations should be summarized in the document. All sampling results in which hazardous substances were found above regulatory standards should be clearly summarized in a table. All closure, certification or remediation approval reports by regulatory agencies should be included in the MND.
 - 4) If buildings, other structures, asphalt or concrete-paved surface areas are being planned to be demolished, an investigation should also be conducted for the presence of other hazardous chemicals, mercury, and asbestos containing materials (ACMs). If other hazardous chemicals, lead-based paints (LPB) or products, mercury or ACMs are identified, proper precautions should be taken during demolition activities. Additionally, the contaminants should be remediated in compliance with California environmental regulations and policies.
 - 5) Future project construction may require soil excavation or filling in certain areas. Sampling may be required. If soil is contaminated, it must be properly disposed

and not simply placed in another location onsite. Land Disposal Restrictions (LDRs) may be applicable to such soils. Also, if the project proposes to import soil to backfill the areas excavated, sampling should be conducted to ensure that the imported soil is free of contamination.

- 6) Human health and the environment of sensitive receptors should be protected during any construction or demolition activities. If necessary, a health risk assessment overseen and approved by the appropriate government agency should be conducted by a qualified health risk assessor to determine if there are, have been, or will be, any releases of hazardous materials that may pose a risk to human health or the environment.
- 7) If the site was used for agricultural, livestock or related activities, onsite soils and groundwater might contain pesticides, agricultural chemical, organic waste or other related residue. Proper investigation, and remedial actions, if necessary, should be conducted under the oversight of and approved by a government agency at the site prior to construction of the project.
- 8) If it is determined that hazardous wastes are, or will be, generated by the proposed operations, the wastes must be managed in accordance with the California Hazardous Waste Control Law (California Health and Safety Code, Division 20, Chapter 6.5) and the Hazardous Waste Control Regulations (California Code of Regulations, Title 22, Division 4.5). If it is determined that hazardous wastes will be generated, the facility should also obtain a United States Environmental Protection Agency Identification Number by contacting (800) 618-6942. Certain hazardous waste treatment processes or hazardous materials, handling, storage or uses may require authorization from the local Certified Unified Program Agency (CUPA). Information about the requirement for authorization can be obtained by contacting your local CUPA.
- 9) DTSC can provide cleanup oversight through an Environmental Oversight Agreement (EOA) for government agencies that are not responsible parties, or a Voluntary Cleanup Agreement (VCA) for private parties. For additional information on the EOA or VCA, please see www.dtsc.ca.gov/SiteCleanup/Brownfields, or contact Ms. Maryam Tasnif-Abbasi, DTSC's Voluntary Cleanup Coordinator, at (714) 484-5489.

Mr. Kris Flanigan
September 19, 2011
Page 4

If you have any questions regarding this letter, please contact Rafiq Ahmed, Project Manager, at rahmed@dtsc.ca.gov, or by phone at (714) 484-5491.

Sincerely,



Greg Holmes
Unit Chief
Brownfields and Environmental Restoration Program

cc: Governor's Office of Planning and Research
State Clearinghouse
P.O. Box 3044
Sacramento, California 95812-3044
state.clearinghouse@opr.ca.gov

CEQA Tracking Center
Department of Toxic Substances Control
Office of Environmental Planning and Analysis
P.O. Box 806
Sacramento, California 95812
Attn: Nancy Ritter
nritter@dtsc.ca.gov

CEQA # 3330

DTSC Response

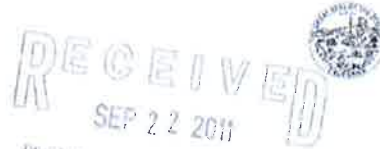
As discussed in Section VII of the Initial Study, the proposed project has a low potential to uncover hazardous materials during construction. The District reviewed the Department of Toxic Substance Control's (DTSC) Hazardous Waste and Substances List (Cortese List), the State Water Resources Control Board's Leaking Underground Storage Tank (LUST) Geotracker database and the Environmental Protection Agency's Enviromapper database to identify recorded hazardous materials sites within the project area. The nearest listed hazardous materials site is located over half a mile away from the project.

In the event that previously unknown hazardous materials are discovered during construction, the District will implement the following mitigation measure, in Section VII of the Initial Study:

MM Hazards 1: In the event that hazardous waste are encountered in the field during construction, ground disturbance activities in the vicinity of the discovery shall cease until a qualified hazardous materials management specialist can assess the potentially hazardous substances and if necessary, develop appropriate management measures in coordination with the appropriate regulatory agencies.

NATIVE AMERICAN HERITAGE COMMISSION

815 CAPITOL MALL, ROOM 364
 SACRAMENTO, CA 95814
 (916) 653-6251
 Fax (916) 657-5390
 Web Site www.nahc.ca.gov
 de_nahc@pcbell.net



September 20, 2011

Krys Flanagan

Riverside County Flood Control and Water Conservation District

1995 Market Street
 Riverside, CA 92501

Re: SCH#2011081090; CEQA Notice of Completion; proposed Mitigated Negative Declaration for the "Mira Loma – Beach Street Storm Drain Project;" located near the Community of Jurupa Valley; Riverside County, California.

Dear Krys Flanagan:

The Native American Heritage Commission (NAHC), 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 NAHC wishes to comment on the proposed project.

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.

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. The NAHC Sacred Lands File (SLF) search resulted as follows: **Native American cultural resources were not identified** within one-half mile of some of the 'area of potential effect (APE) based on the USGS coordinates provided. Note: the absence of recorded Native American cultural resources does not preclude their existence.

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 Sacred Lands Inventory are confidential and exempt from the Public Records Act pursuant to California Government Code §6254 (r).

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 attached 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. 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.'

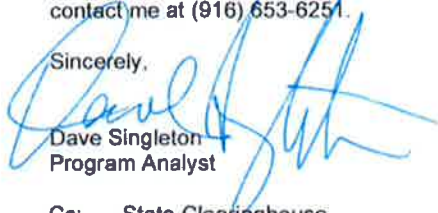
Confidentiality of "historic properties of religious and cultural significance" should also be considered as protected by California Government Code §6254(r) and may also be protected under Section 304 of he NHPA or at the Secretary of the Interior discretion if not eligible for listing on the National 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'.

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.

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

Native American Contacts
Riverside County
September 20, 2011

Pala Band of Mission Indians
Tribal Historic Preservation Office/Shasta Gaugher
35008 Pala Temecula Road Luiseno
PMB 445 , Cupeno
Pala , CA 92059
(760) 891-3515
sgaugher@palatribe.com
(760) 742-3189 Fax

Gabrielino/Tongva San Gabriel Band of Mission
Anthony Morales, Chairperson
PO Box 693 Gabriellino Tongva
San Gabriel , CA 91778
GTTribalCouncil@aol.com
(626) 286-1632
(626) 286-1758 - Home
(626) 286-1262 -FAX

Pauma & Yuima Reservation
Randall Majel, Chairperson
P.O. Box 369 Luiseno
Pauma Valley CA 92061
paumareservation@aol.com
(760) 742-1289
(760) 742-3422 Fax

Santa Rosa Band of Mission Indians
Mayme Estrada, Chairwoman
P.O. Box 609 Cahuilla
Hemet , CA 92546
srbcioffice@yahoo.com
(951) 658-5311
(951) 658-6733 Fax

Pechanga Band of Mission Indians
Paul Macarro, Cultural Resource Center
P.O. Box 1477 Luiseno
Temecula , CA 92593
(951) 770-8100
pmacarro@pechanga-nsn.
gov
(951) 506-9491 Fax

Gabrielino Tongva Nation
Sam Dunlap, Chairperson
P.O. Box 86908 Gabriellino Tongva
Los Angeles , CA 90086
samdunlap@earthlink.net
(909) 262-9351 - cell

Ramona Band of Cahuilla Mission Indians
Joseph Hamilton, Chairman
P.O. Box 391670 Cahuilla
Anza , CA 92539
admin@ramonatribe.com
(951) 763-4105
(951) 763-4325 Fax

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

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#2011081090; CEQA Notice of Completion; proposed Mitigated Negative Declaration and Initial Study for the Mira Loma - Beach Street Storm Drain Project; located near the Community of Jurupa Valley; Riverside County, California.

Native American Contacts
 Riverside County
 September 20, 2011

San Manuel Band of Mission Indians Ann Brierty, Policy/Cultural Resources 26569 Community Center Drive Highland, CA 92346 (909) 864-8933, Ext 3250 abrierty@sanmanuel-nsn.gov (909) 862-5152 Fax	Department Serrano	Serrano Nation of Indians Goldie Walker P.O. Box 343 Patton, CA 92369 (909) 862-9883	Serrano
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Rincon Band of Mission Indians Bo Mazzetti, Chairperson P.O. Box 68 Valley Center, CA 92082 bomazzetti@aol.com (760) 749-1051 (760) 749-8901 Fax	Luiseno	Cahuilla Band of Indians Luther Salgado, Sr., Chairperson PO Box 391760 Anza, CA 92539 tribalcouncil@cahuilla.net 915-763-5549	Cahuilla
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Pechanga Band of Mission Indians Mark Macarro, Chairperson P.O. Box 1477 Temecula, CA 92593 tbrown@pechanga-nsn.gov (951) 770-6100 (951) 695-1778 Fax	Luiseno	Pechanga Cultural Resources Department Anna Hoover, Cultural Analyst P.O. Box 2183 Temecula, CA 92593 ahoover@pechanga-nsn.gov 951-770-8100 (951) 694-0446 - FAX	Luiseno
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Willie J. Pink 48310 Pechanga Road Temecula, CA 92592 wjpink@hotmail.com (909) 936-1216 Prefers e-mail contact	Luiseno	SOBOBA BAND OF LUISENO INDIANS Joseph Ontiveros, Cultural Resource Department P.O. BOX 487 San Jacinto, CA 92581 jontiveros@soboba-nsn.gov (951) 663-5279 (951) 654-5544, ext 4137	Luiseno
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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#2011081090; CEQA Notice of Completion; proposed Mitigated Negative Declaration and Initial Study for the Mira Loma - Beach Street Storm Drain Project; located near the Community of Jurupa Valley; Riverside County, California.

NAHC Response

As described in Section V of the Initial Study, known cultural resources do not exist within the project area. The District requested a Sacred Lands File Search for the referenced project. The enclosed NAHC letter dated January 21, 2010 did not indicate the presence of Native American cultural resources within a one-half mile radius of the proposed project site. Nonetheless, the record search does not guarantee the absence of cultural resources. As recommended by the NAHC, the District has contacted all the nearest Native American tribes and requested any information they have regarding Native American cultural resources within the project area. In addition, the District conducted a Phase I Archaeological Assessment, which did not indicate potentially significant cultural resources within the project site and concluded that the proposed project would not have the potential to significantly impact cultural resources.

Applicable recommendations from the tribes will be incorporated into the final construction specifications. As stated in Section V of the Initial Study any unknown cultural resources uncovered during construction shall be evaluated by a cultural resources specialist. The District has proposed the following mitigation measures in the event that cultural resources are exposed during construction:

MM Cultural 1: If any archaeological or historical resources are exposed during ground excavation disturbance, ground disturbance activities in the vicinity of the discovery will be terminated immediately, and a qualified archaeological resources specialist shall evaluate the resources. A representative of the Soboba Band of Luiseño Indians will be notified upon discovery of any Native American cultural resource and may examine the resources after evaluation by the archaeological resources specialist. If any discovered archaeological resources merit long-term consideration, adequate funding will be provided to collect, curate and report these resources in accordance with standard archaeological management requirements.

MM Cultural 3: Per State Health and Safety Code 7050.5, if human remains are encountered during construction, no further disturbance shall occur until the Riverside County Coroner has made a determination of origin and disposition pursuant to Public Resources Code Section 5097.98. The Riverside County Coroner must be notified within 24 hours. If the County Coroner determines that the remains are not historic, but prehistoric, the Native American Heritage Commission (NAHC) must be contacted to determine the most likely descendent for this area. Once the most likely descendent is determined treatment of the Native American human remains will proceed pursuant to Public Resources 5097.98. The NAHC may become involved with decisions concerning the disposition of the remains.

September 9, 2011

Attn: Kris Flanigan
Riverside County Flood Control and Water Conservation District
1995 Market Street
Riverside, CA 92501

RECEIVED
SEP 12 2011
RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT



Re: Mira Loma – Beach Street Storm Drain Draft Initial Study

The Soboba Band of Luiseño Indians appreciates your observance of Tribal Cultural Resources and their preservation in your project. The information provided to us on said project has been assessed through our Cultural Resource Department, where it was concluded that although it is outside the existing reservation, the project area does fall within the bounds of our Tribal Traditional Use Areas. This project location is in close proximity to known village sites and is a shared use area that was used in ongoing trade between the Luiseno and Cahuilla tribes. Therefore it is regarded as highly sensitive to the people of Soboba.

Soboba Band of Luiseño Indians is requesting the following:

1. To initiate a consultation with the Project Developer and Land owner.
2. The transfer of information to the Soboba Band of Luiseño Indians regarding the progress of this project should be done as soon as new developments occur.
3. Soboba Band of Luiseño Indians continues to act as a consulting tribal entity for this project.
4. Working in and around traditional use areas intensifies the possibility of encountering cultural resources during the construction/excavation phase. For this reason the Soboba Band of Luiseño Indians requests that Native American Monitor(s) from the Soboba Band of Luiseño Indians Cultural Resource Department to be present during any ground disturbing proceedings. Including surveys and archaeological testing.
5. Request that proper procedures be taken and requests of the tribe be honored (Please see the attachment)

Sincerely,

A handwritten signature in black ink, appearing to read "Joe Ontiveros", is written over a horizontal line.

Joseph Ontiveros
Soboba Cultural Resource Department
P.O. Box 487
San Jacinto, CA 92581
Phone (951) 654-5544 ext. 4137
Cell (951) 663-5279
jontiveros@soboba-nsn.gov

Cultural Items (Artifacts). Ceremonial items and items of cultural patrimony reflect traditional religious beliefs and practices of the Soboba Band. The Developer should agree to return all Native American ceremonial items and items of cultural patrimony that may be found on the project site to the Soboba Band for appropriate treatment. In addition, the Soboba Band requests the return of all other cultural items (artifacts) that are recovered during the course of archaeological investigations. When appropriate and agreed upon in advance, the Developer's archeologist may conduct analyses of certain artifact classes if required by CEQA, Section 106 of NHPA, the mitigation measures or conditions of approval for the Project. This may include but is not limited or restricted to include shell, bone, ceramic, stone or other artifacts.

The Developer should waive any and all claims to ownership of Native American ceremonial and cultural artifacts that may be found on the Project site. Upon completion of authorized and mandatory archeological analysis, the Developer should return said artifacts to the Soboba Band within a reasonable time period agreed to by the Parties and not to exceed (30) days from the initial recovery of the items.

Treatment and Disposition of Remains.

A. The Soboba Band shall be allowed, under California Public Resources Code § 5097.98 (a), to (1) inspect the site of the discovery and (2) make determinations as to how the human remains and grave goods shall be treated and disposed of with appropriate dignity.

B. The Soboba Band, as MLD, shall complete its inspection within twenty-four (24) hours of receiving notification from either the Developer or the NAHC, as required by California Public Resources Code § 5097.98 (a). The Parties agree to discuss in good faith what constitutes "appropriate dignity" as that term is used in the applicable statutes.

C. Reburial of human remains shall be accomplished in compliance with the California Public Resources Code § 5097.98 (a) and (b). The Soboba Band, as the MLD in consultation with the Developer, shall make the final discretionary determination regarding the appropriate disposition and treatment of human remains.

D. All parties are aware that the Soboba Band may wish to rebury the human remains and associated ceremonial and cultural items (artifacts) on or near, the site of their discovery, in an area that shall not be subject to future subsurface disturbances. The Developer should accommodate on-site reburial in a location mutually agreed upon by the Parties.

E. The term "human remains" encompasses more than human bones because the Soboba Band's traditions periodically necessitated the ceremonial burning of human remains. Grave goods are those artifacts associated with any human remains. These items, and other funerary remnants and their ashes are to be treated in the same manner as human bone fragments or bones that remain intact.

Coordination with County Coroner's Office. The Lead Agencies and the Developer should immediately contact both the Coroner and the Soboba Band in the event that any human remains are discovered during implementation of the Project. If the Coroner recognizes the human remains to be those of a Native American, or has reason to believe that they are those of a Native American, the Coroner shall ensure that notification is provided to the NAHC within twenty-four (24) hours of the determination, as required by California Health and Safety Code § 7050.5 (c).

Non-Disclosure of Location Reburials. It is understood by all parties that unless otherwise required by law, the site of any reburial of Native American human remains or cultural artifacts shall not be disclosed and shall not be governed by public disclosure requirements of the California Public Records Act. The Coroner, parties, and Lead Agencies, will be asked to withhold public disclosure information related to such reburial, pursuant to the specific exemption set forth in California Government Code § 6254 (r).

Ceremonial items and items of cultural patrimony reflect traditional religious beliefs and practices of the Soboba Band. The Developer agrees to return all Native American ceremonial items and items of cultural patrimony that may be found on the project site to the Soboba Band for appropriate treatment. In addition, the Soboba Band requests the return of all other cultural items (artifacts) that are recovered during the course of archaeological investigations. Where appropriate and agreed upon in advance, Developer's archeologist may conduct analyses of certain artifact classes if required by CEQA, Section 106 of NHPA, the mitigation measures or conditions of approval for the Project. This may include but is not limited or restricted to include shell, bone, ceramic, stone or other artifacts.

Response to Soboba

The District has previously completed cultural record searches and a cultural records survey for the Mira Loma – Beach Street Storm Drain. As summarized in Section V of the Initial Study (IS):

- The Eastern Information Center (EIC) records search indicated that two cultural resources studies involve the project area. In addition, the records search **did not** indicate the presence of possible historic structures or features within the Project Area.
- The Native American Heritage Commission (NAHC) **did not** indicate Native American cultural resources within one-half mile of the project site.
- The Phase I Archeological Assessment (Cultural Report) **did not** indicate potentially significant cultural resources within the project site and concluded that the proposed project would not have the potential to significantly impact cultural resources. In addition, the Cultural Report stated that construction monitoring was not necessary.

However, this information does not preclude the potential for uncovering buried cultural resources during construction. Therefore, the District had included the following mitigation measures in the IS:

MM Cultural 1: If any archaeological or historical resources are exposed during ground excavation disturbance, ground disturbance activities in the vicinity of the discovery will be terminated immediately and a qualified archaeological resources specialist will evaluate the resources. If any discovered archaeological resources merit long-term consideration, adequate funding will be provided to collect, curate and report these resources in accordance with standard archaeological management requirements.

MM Cultural 3: Per State Health and Safety Code 7050.5, if human remains are encountered during construction, no further disturbance shall occur until the Riverside County Coroner has made a determination of origin and disposition pursuant to Public Resources Code Section 5097.98. The Riverside County Coroner must be notified within 24 hours. If the County Coroner determines that the remains are not historic, but prehistoric, the Native American Heritage Commission (NAHC) must be contacted to determine the most likely descendent for this area. Once the most likely descendent is determined treatment of the Native American human remains will proceed pursuant to Public Resources 5097.98. The NAHC may become involved with decisions concerning the disposition of the remains.

Based on the results of the cultural records search, cultural resources report, and incorporated mitigation measures MM Cultural 1 and MM Cultural 3, the District does not see the need or requirement for Native American monitors to be present during construction of this project.

To ensure that the Soboba Band of Luiseño Indians will be notified upon discovery of unknown cultural resources, the District will modify mitigation measure MM Cultural 1 as shown:

MM Cultural 1: If any archaeological or historical resources are exposed during ground excavation disturbance, ground disturbance activities in the vicinity of the discovery will be terminated immediately, and a qualified archaeological resources specialist shall evaluate the resources. A representative of the Soboba Band of Luiseño Indians will be notified upon discovery of any Native American cultural resource and may examine the resources after evaluation by the archaeological resources specialist. If any discovered archaeological resources merit long-term consideration, adequate funding will be provided to collect, curate and report these resources in accordance with standard archaeological management requirements.