

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

109 B



FROM: General Manager-Chief Engineer

SUBMITTAL DATE:
March 2, 2010

SUBJECT: Public Hearing for Pedley Hills Bolero Drive Storm Drain, Stage 1 Project

RECOMMENDED MOTION:

Adopt Resolution No. F2010-02 which

finds that the 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;

adopts a Mitigated Negative Declaration and Project Features & Environmental Commitments Monitoring Program Table;

authorizes the District to proceed with the project;

Continued on Page 2.

WARREN D. WILLIAMS
General Manager-Chief Engineer

MTS:mcv

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	<input type="checkbox"/>
	Requires 4/5 Vote	<input type="checkbox"/>

C.E.O. RECOMMENDATION: N/A

APPROVE

BY:
Alex Gann

County Executive Office Signature

FORM APPROVED COUNTY COUNSEL
BY:
LARISA R-MCKENNA
DATE: 12/14/09
Departmental Concurrence

- Dept't Recomm.: Consent Policy
- Per Exec. Ofc.: Consent Policy

Prev. Agn. Ref.:

District: 2nd

Agenda Number:

11.3

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

SUBJECT: Public Hearing for Pedley Hills Bolero Drive Storm Drain, Stage 1 Project

SUBMITTAL DATE: March 2, 2010

Page 2

RECOMMENDED MOTION: (Continued)

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 Recorder for filing within five (5) working days of this Board hearing.

BACKGROUND:

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

1 BOARD OF SUPERVISORS

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

2
3 RESOLUTION NO. F2010-02
4 APPROVING PEDLEY HILLS BOLERO DRIVE STORM DRAIN, STAGE 1 PROJECT

5 WHEREAS, on January 12, 2010 the Board adopted Resolution No. F2010-01
6 pursuant to Section 18 of the District Act giving notice of its intention to approve a project in
7 Zone 1, within the unincorporated area of Riverside County, designated as Pedley Hills Bolero
8 Drive Storm Drain, Stage 1 Project and giving further notice that the project would be
9 considered at a public hearing on March 2, 2010; and

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

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

17 NOW, THEREFORE, BE IT RESOLVED, DETERMINED AND ORDERED by
18 the Board of Supervisors of the Riverside County Flood Control and Water Conservation
19 District in regular session assembled on March 2, 2010 based upon the evidence and testimony
20 presented on the matter, both written and oral, that:

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

23 2. The Project is consistent with the Riparian/Riverine Area and Vernal Pool
24 requirements of the MSHCP. Pursuant to Section 6.1.2 of the MSHCP, Riparian/Riverine areas
25 are lands which contain habitat dominated by trees, shrubs, persistent emergents, or emergent
26 mosses and lichens, which occur close to or which depend upon soil moisture from a nearby
27 fresh water source, or areas with fresh water flow during all or a portion of the year. Vernal
28 Pools are seasonal wetlands that occur in depression areas that have wetlands indicators of all

FORM APPROVED COUNTY COUNSEL
BY: *Larisa R. McKenna* 12/14/09
LARISA R. MCKENNA DATE

1 three parameters (soils, vegetation, and hydrology) during the wetter portion of the growing
2 season. It has been determined that the Project area does not meet the MSHCP definition of
3 riparian/riverine areas or vernal pools. In addition, the proposed storm drain alignment does
4 not contain suitable habitat for least Bell's vireo, Southwestern Willow Flycatcher, Yellow-
5 breasted chat, or Yellow Warbler. Therefore, no analysis or survey is required.

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

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

20 5. The Project is consistent with the Database Updates/Additional Surveys
21 requirements of the MSHCP. Pursuant to Section 6.3.2 of the MSHCP, habitat assessments
22 and/or focused surveys for certain additional plant and animal species are required for
23 properties within mapped survey areas. The survey area maps have been reviewed and it has
24 been determined the Project is not within a mapped survey area for additional plant and animal
25 species. Therefore, no further surveys or conservation measures are required.

26 6. The Project is consistent with the Public/Quasi-Public Land provisions
27 contained in Section 3.2.1 of the MSHCP. Section 3.2.1 describes lands within the MSHCP
28 conservation area including those designated as Public/Quasi-Public (PQP) lands. Section

1 3.2.1 states that if a Permittee elects to use property currently depicted as PQP Lands in a way
2 that alters the land use such that it would not contribute to Reserve Assembly, the Permittee
3 shall locate and acquire or otherwise encumber replacement acreage at a minimum ratio of 1:1.
4 The Permittee must make findings that the replacement acreage is biologically equivalent or
5 superior to the existing property. The Project has been reviewed and it has been determined the
6 Project does not occur within MSHCP-designated PQP conservation lands. Therefore, no
7 further analysis is required.

8 7. There is no substantial evidence in light of the whole record that the project,
9 with mitigation, may have a significant effect on the environment, and the Mitigated Negative
10 Declaration represents the independent judgment of the agency.

11 8. The Mitigated Negative Declaration and the Project Features &
12 Environmental Commitments Monitoring Program Table are hereby adopted.

13 9. The project designated as Pedley Hills Bolero Drive Storm Drain, Stage 1
14 Project is approved and the District is hereby authorized to proceed with the project.

15 BE IT FURTHER RESOLVED that, within five (5) working days of this Board
16 hearing, the Clerk of the Board is directed to deliver the adopted Mitigated Negative
17 Declaration and the Notice of Determination to the Office of the County Clerk and Recorder,
18 who is hereby directed to file same, all as required by law.

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

Riverside, California

FINAL

**CEQA
INITIAL STUDY**

**PEDLEY HILLS BOLERO DRIVE
STORM DRAIN, STAGE 1 PROJECT**

ZONE 1

February 2010

**Warren D. Williams
General Manager-Chief Engineer**

MITIGATED NEGATIVE DECLARATION

State Clearinghouse Number:	Contact Person:	Telephone Number:	Email:
None	Teresa Tung	951.955.1233	ttung@rcflood.org

Lead Agency and Project Sponsor:
Riverside County Flood Control and Water Conservation District

Address:	City:	Zip:
1995 Market Street	Riverside	92501

Project Title and Description: *Pedley Hills Bolero Drive Storm Drain, Stage 1*

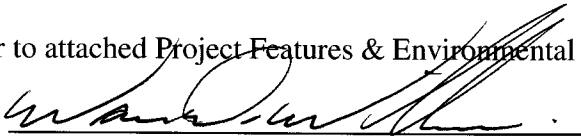
The Riverside County Flood Control and Water Conservation District proposes to construct, operate and maintain an underground storm drain comprised of approximately 1,600 lineal feet of reinforced concrete pipe (RCP) ranging in size from 24-inches to 30-inches in diameter.

Project Location:

The proposed project is located within the unincorporated area of Riverside County and is generally bounded to the northwest and northeast by Jayhawk Drive, the southeast by Camino Real, and the southwest by Paisano Way and Live Oak Drive. The proposed project may be found within Township 2 South, Range 5 West, Section 18 of the Riverside West, 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 Pedley Hills Bolero Drive Storm Drain, Stage 1 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: 2/17/10

The Board of Supervisors of the Riverside County Flood Control and Water Conservation District, assembled in regular session on March 2, 2010, has determined that the Pedley Hills Bolero Drive Storm Drain, Stage 1 Project 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: _____

Attachment

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

MTS:mcv
P8\129308

**RIVERSIDE COUNTY FLOOD CONTROL
AND WATER CONSERVATION DISTRICT**

PEDLEY HILLS BOLERO DRIVE STORM DRAIN, STAGE 1

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

Issue	Potential Impact	Project Features, Environmental Commitments, Avoidance, Minimization, and/or Mitigation Measures	Action	Implementing Agency	Governing Agency	Implementation Timing	Monitoring Frequency
III. Air Quality	Fugitive dust emissions	<p>III. The construction contractor shall comply with applicable provisions of the AQMD 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 material offsite, and street sweeping of track-out.</p>	<p>Require contractor to comply with applicable provisions of AQMD Rule 403.</p>	RCFC&WCD (Design and Construction Division)	South Coast Basin Air Quality Management District (AQMD)	During the construction period.	Daily Monitoring during project construction.
V. Cultural Resources	Previously unknown historical resources may be uncovered during excavation	<p>V-1. If historical resources are accidentally discovered during construction, ground disturbance activities in the vicinity of the find shall cease until a qualified historical resources specialist can assess the significance of the find and, if necessary, develop appropriate treatment measures.</p>	<p>Cease ground disturbance activities in the vicinity of the find until a qualified historical resources specialist can assess the significance of the find.</p>	RCFC&WCD (Design and Construction Division)	None	During excavation activities.	Monitoring on an as needed basis during excavation activities.
	Previously unknown cultural resources may be uncovered during excavation	<p>V-2. If cultural resources are accidentally discovered during construction, ground disturbance activities in the vicinity of the find shall cease until a qualified archaeologist can assess the significance of the find and, if necessary, develop appropriate treatment measures. Any discovered resources that merit long term consideration shall be collected and reported in accordance with current</p>	<p>Cease ground disturbance activities in the vicinity of the find until a qualified archaeologist can assess the significance of the find.</p>	RCFC&WCD (Design and Construction Division)	None	During excavation activities.	Monitoring on an as needed basis during excavation activities.

Issue	Potential Impact	Project Features, Environmental Commitments, Avoidance, Minimization, and/or Mitigation Measures	Action	Implementing Agency	Governing Agency	Implementation Timing	Monitoring Frequency
		protocols.					
	Previously unknown paleontological resources may be uncovered during excavation	<p>V-3. If paleontological resources are accidentally discovered during construction, ground disturbance activities in the vicinity of the discovery shall cease until a qualified paleontological resources specialist can evaluate the significance of the find and, if necessary, develop appropriate treatment measures.</p>	Cease ground disturbance activities in the vicinity of the find until a qualified paleontological resources specialist can evaluate the significance of the find.	RCFC&WCD (Design and Construction Division)	None	During excavation activities.	Monitoring on an as needed basis during excavation activities.
	Human remains may be uncovered during construction	<p>V-4. Pursuant to State Health and Safety Code Section 7050.5, if human remains are encountered during construction, ground disturbance activities in the vicinity of the find shall cease 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 Native American, the County Coroner will decide the disposition of the remains. If the County Coroner determines that the remains are Native American, the County Coroner will notify the Native American Heritage Commission (NAHC). The NAHC will determine and notify the Most Likely Descent (MLD). The MLD will then recommend the treatment and disposition of the remains pursuant to California</p>	Cease ground disturbance activities and notify Coroner's Office for proper identification of any human remains found onsite. If necessary, the Riverside County Coroner will contact NAHC to assist in determining and notifying the MLD.	RCFC&WCD (Design and Construction Division)	Riverside County Coroner	During excavation activities.	Monitoring on an as needed basis during excavation activities.

Issue	Potential Impact	Project Features, Environmental Commitments, Avoidance, Minimization, and/or Mitigation Measures	Action	Implementing Agency	Governing Agency	Implementation Timing	Monitoring Frequency
VII. Hazards and Hazardous Materials	Previously unknown hazardous materials may be uncovered during construction	Public Resources Code Section 5097.98. The NAHC may become involved with decisions concerning the treatment and disposition of the remains.					
VII. Hazards and Hazardous Materials	Previously unknown hazardous materials may be uncovered during construction	VII-1. If previously unknown hazardous wastes/materials are encountered in the field during construction, ground disturbance activities within 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.	Cease ground disturbance activities within vicinity of discovery until a qualified hazardous materials management specialist can assess potentially hazardous substance.	RCFC&WCD (Design and Construction Division)	None	Throughout construction.	Throughout construction.
XI. Noise	Use of heavy equipment during project construction will result in periodic and temporary increased noise levels near residential area	XI-1. Construction activities shall be limited to between the hours of 7 a.m. and 5 p.m. from Monday through Friday and prohibited on weekends and holidays, unless otherwise approved by the District's General Manager-Chief Engineer.	Limit construction activities to the hours described.	RCFC&WCD (Design and Construction Division)	None	Throughout construction.	Throughout construction.
		XI-2. Each residence adjacent to the storm drain construction site shall be notified in writing three days prior to operating 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	Notify each residence in writing three days prior to operating heavy construction equipment.	RCFC&WCD (Design and Construction Division)	None	Throughout construction.	Throughout construction.

Issue	Potential Impact	Project Features, Environmental Commitments, Avoidance, Minimization, and/or Mitigation Measures	Action	Implementing Agency	Governing Agency	Implementation Timing	Monitoring Frequency
		<p>incorporate any feasible and practical techniques which minimize the noise impacts on adjacent residences.</p>					
<p>XV. Transportation/Traffic</p>	<p>Construction activities may impact the routes of emergency service vehicles</p>	<p>XV-1. At all times during construction, the contractor shall ensure that emergency fire or medical vehicles are able to access all adjacent areas.</p>	<p>Ensure that all emergency vehicles are able to access all adjacent areas.</p>	<p>RCFC&WCD (Design and Construction Division)</p>	<p>None</p>	<p>Throughout construction.</p>	<p>Throughout construction.</p>

**RIVERSIDE COUNTY FLOOD CONTROL
AND WATER CONSERVATION DISTRICT**

**California Environmental Quality Act (CEQA)
Initial Study**

1. Project title: Pedley Hills Bolero Drive Storm Drain, Stage 1

2. Lead agency name and address:

Riverside County Flood Control and Water Conservation District
1995 Market Street
Riverside, California 92501

3. Contact person email address and phone number: Teresa Tung: ttung@rcflood.org
951.955.1233

4. Project location:

The proposed project is located within the unincorporated area of Riverside County and is generally bounded to the northwest and northeast by Jayhawk Drive, the southeast by Camino Real, and the southwest by Paisano Way and Live Oak Drive. The proposed project may be found within Township 2 South, Range 5 West, Section 18 of the Riverside West, California 7.5 Minute USGS Quad Sheet.

5. Project sponsor's name and address: None

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 Medium Density Residential and Open Space Recreation.

7. Zoning: Refer to response No. 6 above.

8. Description of project:

The Riverside County Flood Control and Water Conservation District proposes to construct, operate and maintain an underground storm drain comprised of approximately 1,600 lineal feet of reinforced concrete pipe (RCP) ranging in size from 24-inches to 30-inches in diameter. The proposed project alignment, described in greater detail below, is shown schematically on the attached exhibits (Figures 1 and 2). The proposed project begins with a rock riprap energy dissipater outlet at a point approximately 250 lineal feet southeasterly of the intersection of Bolero Drive and Ironstone Drive. The outlet will then transition into an underground RCP and traverse northwesterly within the existing Ironstone Drive right-of-way to the intersection with Bolero Drive. From this intersection, the RCP will continue northeasterly within the existing Bolero Drive right-of-way to the intersection with Sebring Drive. From there, it will proceed northwesterly within the existing Sebring Drive right-of-way to the intersection with Big Rock Drive. At the intersection of Sebring Drive and Big Rock Drive, the RCP will extend northerly across a fairway of the Indian Hills golf course for approximately 400 feet where it will terminate and connect to an existing 21-inch RCP. In addition, an existing concrete energy dissipater and a portion of an existing 12-inch PVC storm drain system will be removed as part of the proposed project. The proposed storm drain system, once completed, will provide substantial flood protection to existing development at the intersection of Sebring Drive and Big Rock Drive.

9. Surrounding land uses and setting:

Reaching a peak elevation of 1,424 feet, the Pedley Hills provide the most significant physical feature in central Jurupa and serve as a backdrop for the communities of Indian Hills and Pedley. The existing land uses surrounding the project include medium density residential and developed golf course fairways.

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

Federal Agencies (not "public agencies" as defined by CEQA)

NONE

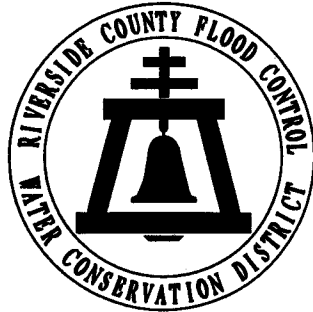
State Agencies

NONE

City/County Agencies

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

SECTION 18
PUBLIC HEARING
MAP



PEDLEY HILLS BOLERO DR
STORM DRAIN
PROJECT NO.1-0-0138
APRIL 2008

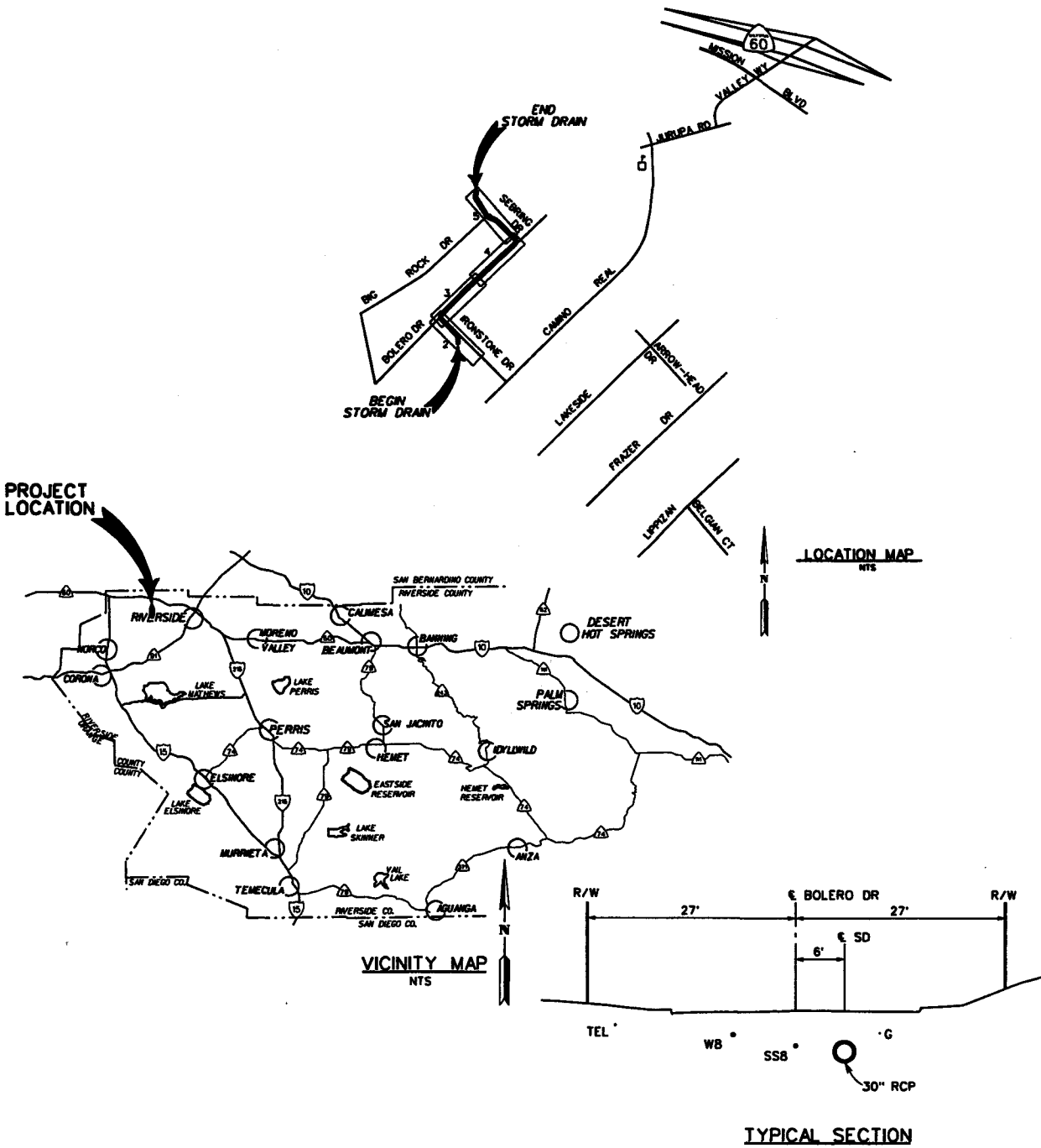
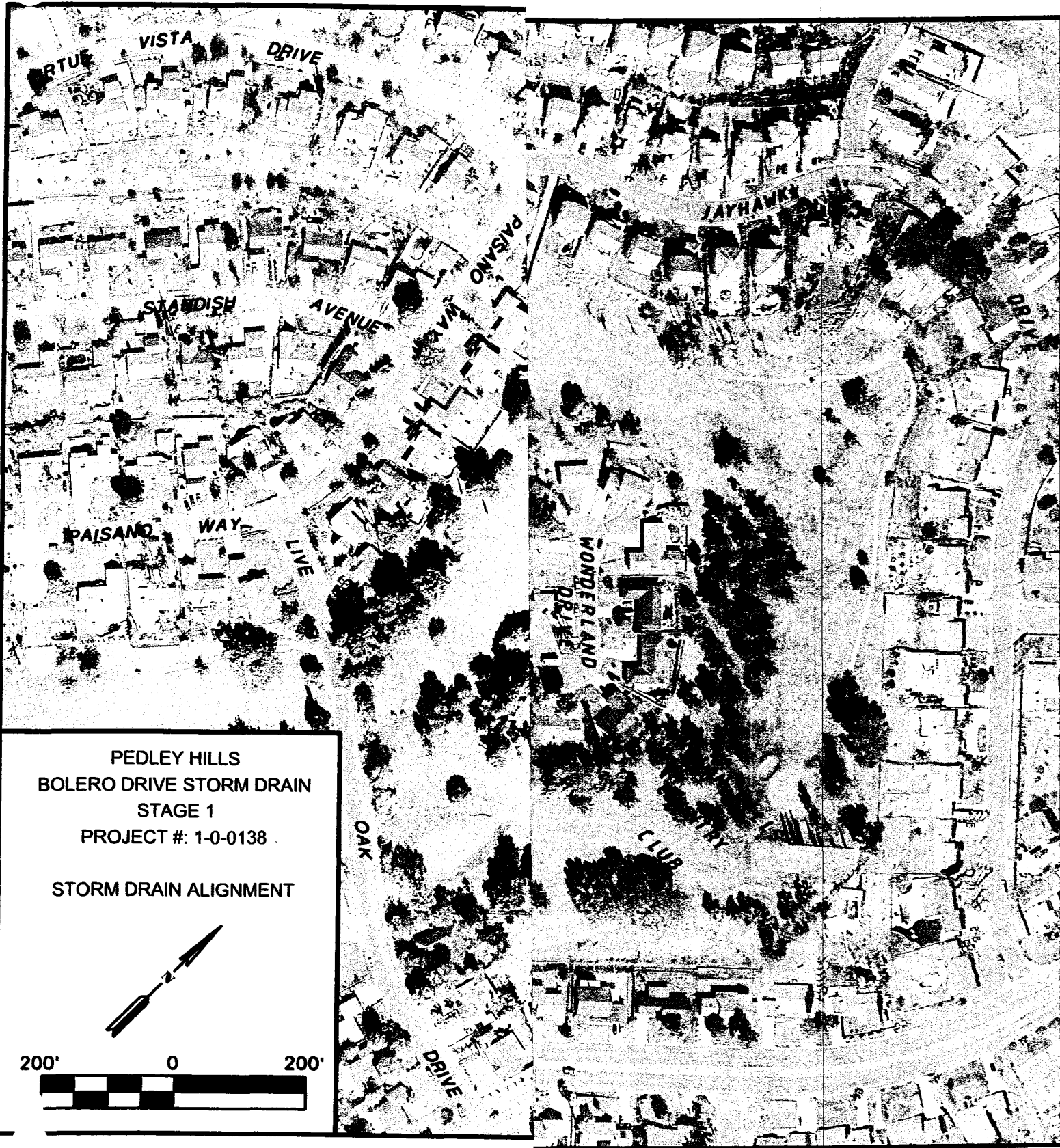
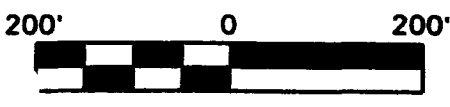
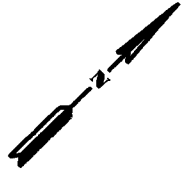


Figure 1



PEDLEY HILLS
BOLERO DRIVE STORM DRAIN
STAGE 1
PROJECT #: 1-0-0138

STORM DRAIN ALIGNMENT



Pedley Hills Bolero Drive Storm Drain, Stage 1 Project

Photographs of Project Site taken on December 22, 2008



Figure 3A – Northwesterly view along portion of proposed storm drain alignment located north of the intersection of Big Rock Drive and Sebring Drive



Figure 3B – Southwesterly view from proposed outlet structure located southeast of the intersection of Bolero Drive and Ironstone Drive

ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED:

This project would have a potentially significant impact on the following environmental factors (as checked below):

<input type="checkbox"/> Aesthetics	<input type="checkbox"/> Mineral Resources
<input type="checkbox"/> Agriculture Resources	<input checked="" type="checkbox"/> Noise
<input type="checkbox"/> Air Quality	<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: 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 Section XVII, "Earlier Analyses," may be cross-referenced).

- 5) Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration. Section 15063(c)(3)(D). Earlier analyses are discussed below.
 - 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.
- 6) Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (*e.g., general plans, zoning ordinances*). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated. A source list should be attached and other sources used or individuals contacted should be cited in the discussion.
- 7) Supporting Information Sources: A source list should be attached, and other sources used or individuals contacted should be cited in the discussion.
- 8) The explanation of each issue identifies:
 - 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.

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

I. AESTHETICS. Would the project:

- | | | | | |
|---|--------------------------|--------------------------|-------------------------------------|-------------------------------------|
| a) Have a substantial adverse effect on a scenic vista? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" 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 checked="" type="checkbox"/> | <input type="checkbox"/> |

II. AGRICULTURAL 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 zoning for agricultural use, or a Williamson Act contract? | <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"/> |

III. AIR QUALITY. Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:

- | | | | | |
|--|--------------------------|--------------------------|-------------------------------------|--------------------------|
| a) Conflict with or obstruct implementation of the applicable air quality plan? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" 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"/> |

	Potential Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
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 any plan, policy or regulation of an agency 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>
c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (<i>including, but not limited to, marsh, vernal pool, coastal, etc.</i>) through direct removal, filing, hydrological interruption, or other means?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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"/>
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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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"/>

	<i>Potential Significant Impact</i>	<i>Potentially Significant Unless Mitigation Incorporated</i>	<i>Less than Significant Impact</i>	<i>No Impact</i>
c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Disturb any human remains, including those interred outside of formal cemeteries?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>
iii) Seismic-related ground failure, including liquefaction?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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), 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 the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal or wastewater?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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"/>
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	Potential Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

VIII. HYDROLOGY AND WATER QUALITY. Would the project:

a) Violate any 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"/>
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 type="checkbox"/>	<input checked="" type="checkbox"/>

	Potential Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
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 or provide substantial additional sources of polluted runoff?	<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"/>
k) Substantially change the amount of surface water in any water body or wetlands?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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"/>
c) Conflict with any applicable habitat conservation plan or natural community conservation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

	<i>Potentially Significant Unless Mitigation Incorporated</i>	<i>Potential Significant Impact</i>	<i>Less than Significant Impact</i>	<i>No Impact</i>
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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"/> |
| 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? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

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? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| d) Exposure of persons to or generation of excessive ground-borne vibration or ground-borne noise levels? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project? | <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 expose people residing or working in the project area to excessive noise levels? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 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? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

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)? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
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Potentially Significant Unless Mitigation Incorporated Potentially Significant Unless Mitigation Incorporated Less than Significant Impact No Impact

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:

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"/>
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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"/>
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XV. TRANSPORTATION AND TRAFFIC. Would the project:

a) Cause an increase in traffic, which is substantial in relation to the existing traffic load and capacity of the street system (i.e., result in a substantial increase in either the number of vehicle trips, the volume to capacity ratio on roads, or congestion at intersections)?

<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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b) Exceed, either individually or cumulatively, a level of service standard established by the county congestion management agency for designated roads or highways?

<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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c) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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	Potential Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
d) Result in inadequate emergency access?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) Result in inadequate parking capacity?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

XVI. UTILITIES AND SERVICE SYSTEMS. Would the project:

a) Require or result in the construction of new water or wastewater treatment or transmission 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"/>
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 checked="" type="checkbox"/>	<input 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 the potential to achieve short-term, to the disadvantage of long-term, environmental goals?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) 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</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

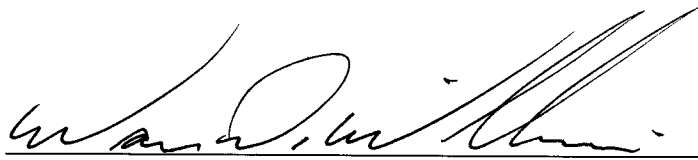
	Potentially Significant		
Potential Significant Impact	Unless Mitigation Incorporated	Less than Significant Impact	No Impact

viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)

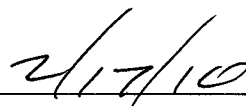
d) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?

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

P8\128041

Discussion of Potential Environmental Impacts

I. AESTHETICS

- a) **Would the project have a substantial adverse effect on a scenic vista?**

No Impact. Zoning within the project area consists of medium density residential and open space recreation, as described and shown on Figure 3 of the Jurupa Area Plan of the Riverside County General Plan. The proposed project is an underground storm drain system and will be constructed primarily within existing road rights-of-way. Therefore, the project will have no impact on a scenic vista.

- b) **Would the project substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?**

No Impact. Trees, rock outcroppings, and historic buildings are not located within the proposed project alignment nor is there a state scenic highway located within the proposed project area. Therefore, the project will have no impact on scenic resources within a state scenic highway.

- c) **Would the project degrade the existing visual character or quality of the site and its surroundings?**

Less than Significant Impact. The visual character or quality of the project site and its surroundings could be temporarily affected by construction related activities. Construction-related activities – excavating, stockpiling, materials and equipment storage – could result in temporary impacts to the visual character of the site. However, once construction is completed, the affected roads and golf course would be restored to their original condition. Therefore, the short-term impacts on visual character or quality of the site and surrounding areas will be less than significant.

- d) **Would the project create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?**

Less than Significant Impact. The proposed project, an underground storm drain facility, would not create new or additional sources of light or glare, either during construction or operation. Only under rare emergency conditions would the use of artificial lighting be anticipated; however, any impacts would be temporary and, therefore, insignificant.

II. AGRICULTURE RESOURCES

- a) **Would the project convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?**

No Impact. The Riverside County General Plan Agricultural Resources Map (Figure OS-2) indicates that the proposed project is not located within the areas designated as Prime Farmland, Unique Farmland, or Farmland of Statewide Importance.

- b) **Would the project conflict with existing zoning for agricultural use, or a Williamson Act Contract?**

No Impact. The Riverside County General Plan Land Use Map (Figure LU-1) indicates that the proposed project site does not contain areas zoned for agricultural use or subject to a Williamson Act Contract.

- c) **Would the project 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. Farmland will not be directly or indirectly impacted as a result of the construction, operation and subsequent maintenance of the proposed project.

III. AIR QUALITY

- a) **Would the project 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 deferral 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, construction and subsequent maintenance emissions from the proposed project will only result in temporary, less than significant impacts to air quality. The proposed project must also comply with applicable provisions of Rule 403 for the control of fugitive dust. As such, the proposed project will not conflict with or obstruct implementation of the 2007 AQMP.

- b) **Would the project violate any air quality standard or contribute substantially to an existing or projected air quality violation?**

Less than Significant Impact. The SCAB currently exceeds and is in violation of state and national ambient air quality standards for O₃, PM₁₀ and PM_{2.5}. The SCAQMD has established regional significance thresholds to help assess the impacts of project-related construction and operational 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 1,600 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 basis for inspection or maintenance purposes. 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 emission thresholds as recommended by the SCAQMD and estimated construction emissions for the proposed project are noted in Table 1. The estimated construction emissions are calculated using the URBEMIS 2007 (version 9.2.4) air pollution model. For the purposes of running the model, it was assumed that the construction would occur in two phases. Phase 1 would consist of excavating approximately 2,580 cubic yards (of which 580 cubic yards is assumed to be exported) using two excavators, one rubber tired loader, one tractor, one loader and one backhoe, over a six-week period. Phase 2 would consist of grading 0.87 acre and repaving 0.58 acre using one piece of paving equipment, one paver and one roller, over a two-week period. 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). These estimates are also based on unmitigated emissions. See "URBEMIS 2007 (v9.2.4) Printout" for the detailed emissions reports.

Table 1: Estimated Construction Air Quality Emissions

Criteria Pollutant	SCAQMD Significance Criteria for Construction (lbs/day)	Project Estimated Construction Emissions for 2010 (lbs/day)
Nitrogen Oxides	100	20.67
Reactive Organic Gases	75	3.29
Sulfur Oxides	150	0.00
Carbon Monoxides	550	12.82
PM10	150	1.66
PM2.5	55	1.52

Based on the estimated values that are shown above in Table 1, 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 proposed project will not violate any air quality standard or contribute substantially to an existing or projected air quality violation.

MM III-1 The construction 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 material offsite, and street sweeping of track-out.

- c) **Would the project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is in 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 O₃, PM_{2.5}, and PM₁₀. The proposed project will only result in short-term construction emissions. As shown in Section IIIb, 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 cumulatively considerable net increase of any criteria pollutant.

d) Would the project expose sensitive receptors to substantial pollutant concentrations?

Less than Significant Impact. The proposed project site is located primarily within an existing residential neighborhood. Long term emissions associated with subsequent operation and maintenance of the proposed flood control facility are not expected to be significant. Considering the temporary nature of the construction activities and the estimated values of construction emissions as discussed in Section IIIb, the proposed project will not expose sensitive receptors to substantial pollutant concentrations.

e) Would the project create objectionable odors affecting a substantial number of people?

Less than Significant Impact. The proposed project site is located primarily within an existing residential neighborhood. Construction activities may produce odors associated with the operation of heavy equipment; however, the generation of any odors would be of short duration and not considered a significant impact.

f) Would the project 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 (ARB), 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 36.9 metric tons of CO₂ equivalents per year (MTCO_{2eq/yr}) for 2010. Subsequent operation and maintenance of the proposed project is expected to release infrequent and minor GHG emissions far less than the estimated 2010 construction emissions of 36.9 MTCO_{2eq/yr}.

Currently, there are no established significance thresholds from federal or state agencies. However, in October 2008, the ARB 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 ARB and SCAQMD, respectively. The estimated project construction GHG emissions of 36.9 MTCO_{2eq/yr} is well below the available interim GHG threshold recommended by the ARB and SCAQMD. Therefore, the proposed project will not generate GHG emissions that would cause significant direct or indirect impacts on the environment.

- g) **Would the proposed project conflict with any plan, policy or regulation of an agency adopted for the purpose of reducing the emissions of greenhouse gases?**

Less than Significant Impact. As discussed above, the GHG emissions generated by the proposed project are temporary and fall well below the recommended significance thresholds. Therefore, the proposed project will not conflict with any plan, policy or regulation of an agency adopted for the purpose of reducing emissions of GHG.

IV. BIOLOGICAL RESOURCES

- a) **Would the project 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 the U.S. Fish and Wildlife Service?**

No Impact. The proposed project site is located within an existing residential development and golf course. Additionally, the proposed project alignment is located primarily within existing road rights-of-way. Therefore, species identified as a candidate, sensitive, or special status are not expected to occur onsite.

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

No 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 Army Corps of Engineers (ACOE), the California Department of Fish and Game (CDFG) and the Regional Water Quality Control Board (RWQCB). The proposed project area is located within an existing golf course bordered by residential development. The proposed underground storm drain alignment is located primarily within existing road rights-of-way and does not impact any riparian habitat or other sensitive natural community (refer to Figures 3A and 3B).

- c) **Would the project have a substantial adverse effect on any federally protected wetlands as defined by Section 404 of the Clean Water Act (*including, but not limited to, marsh, vernal pools, coastal, etc.*) through direct removal, filling, hydrological interruption, or other means?**

No Impact. As defined by Section 404 of the Clean Water Act, wetlands are "those areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions." The proposed project area does not contain any wetlands as defined by Section 404 of the Clean Water Act.

- d) **Would the project interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?**

No Impact. Refer to Sections IVa, IVb, and IVc above.

- e) **Would the project 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 policy or ordinances protecting biological resources, such as tree preservation policy and ordinance.

- f) **Would the project conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?**

No Impact. On June 17, 2003, the Riverside County Board of Supervisors adopted the Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP). The U.S. Fish and Wildlife Service and California Department of Fish and Game issued "take" permits on June 22, 2004 for the implementation of the MSHCP. The MSHCP is a comprehensive, multi-jurisdictional habitat conservation plan focusing on the conservation of species and their associated habitats 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 requirements.

The proposed project site is located within an existing golf course surrounded by residential development. With the exception of the proposed inlet and outlet structures, the proposed underground storm drain system will be constructed primarily within existing road rights-of-way. The inlet and outlet structures will be constructed within the existing golf course fairway.

The proposed project area does not meet the MSHCP definition of riparian/riverine areas or vernal pools. In addition, the proposed project area lacks suitable habitat for the species listed in Sections 6.1.2 of the MSHCP. Therefore, no analysis or survey is required.

Habitat assessments and/or focused surveys for certain narrow endemic plant species are required for projects within MSHCP mapped survey areas. 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 of the MSHCP provides guidelines to minimize indirect effects of a project in proximity to a MSHCP conservation area. The proposed project is not located within the Criteria Area or Public/Quasi Public Lands as designated in the MSHCP, and is therefore not subject to further analysis or implementation of any conservation measures as shown in the guidelines.

Habitat assessments and/or focused surveys for certain additional plant and animal species are required for projects within MSHCP mapped survey areas. The proposed project is not located within a mapped survey area for plant, amphibian, mammal species or Burrowing Owl. Therefore, no habitat assessment or survey is required under Section 6.3.2 of the MSHCP.

The District will consider and implement all appropriate Standard Best Management Practices as listed in Appendix C of the MSHCP. 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.

V. CULTURAL RESOURCES

- a) **Would the project cause a substantial adverse change in the significance of a historical resource as defined in § 15064.5?**

No Impact. The proposed project site is located within an existing golf course bordered by residential development. The Riverside County General Plan Historical Resources Map (Figure OS-7) indicates that the project site is not located within an area of known historical resources. A cultural resources records search by the Eastern Information Center (EIC) was received on December 4, 2008. The EIC records search indicate that two cultural resources studies have been conducted on a portion of, and within a quarter-mile radius of, the project area. No cultural resources properties are recorded within the boundaries of the project area. The EIC also consulted the National Register of Historic Places (NRHP), California Office of Historical Preservation (OHP), the 1901 and 1942 USGS Riverside 15' and 1901 USGS Elsinore 30' topographic maps. The NRHP and OHP indicate that there is no listed historical property within the boundaries of the project area. Based on the available information, no listed historical property would be impacted by the project and therefore, no avoidance, minimization, and/or mitigation measures are required. However, in the event of the accidental discovery of historical resources during construction, the following measure shall be implemented:

M V-1 If historical resources are accidentally discovered during construction, ground disturbance activities in the vicinity of the find shall cease until a qualified historical resources specialist can assess the significance of the find and, if necessary, develop appropriate treatment measures.

- b) **Would the project cause a substantial adverse change in the significance of an archaeological resource pursuant to § 15064.5?**

Less than Significant Impact. A cultural resources records search conducted by EIC indicates that two cultural resources studies have been conducted on a portion of,

and within a quarter-mile radius of, the project area. No cultural resource properties are recorded within the boundaries of the project area. Based on the low probability of cultural resources being present within the boundaries of the project area, the EIC does not recommend further study. In addition, a Sacred Lands File search conducted by the Native American Heritage Commission (NAHC) failed to indicate the presence of Native American cultural resources in the immediate project area. As recommended by the NAHC, the following Native American Tribes were consulted via letter: Los Coyotes Band of Mission Indians, Pechanga Band of Mission Indians, Ramona Band of Cahuilla Mission Indians, San Manuel Band of Mission Indians, Soboba Band of Mission Indians, Gabrielino Tongva Nation, Gabrielino/Tongva San Gabriel Band of Mission Indians, Santa Rosa Band of Mission Indians, Morongo Band of Mission Indians, Ti'At Society, Serrano Nation of Indians and Soboba Band of Luiseño Indians. Letter responses dated February 17, 2009 and December 19, 2008 were received from the Gabrielino Tongva Nation and Soboba Band of Luiseño Indians, respectively. No other responses have been received.

The response letter from the Gabrielino Tongva Nation states that the proposed project is located within its traditional tribal territory; however, the Tribe does not perceive the proposed project to have an adverse environmental impact to the Gabrielino Tongva Nation. Therefore, the Gabrielino Tongva Nation has no specific comments or concerns.

The response letter from the Soboba Band of Luiseño Indians states that although the proposed project is located outside the existing reservation, the project area does fall within the bounds of its Tribal Traditional Use Areas. Therefore, the Soboba Band of Luiseño Indians requests: (i) government to government consultation; (ii) updates on the progress of this project; and (iii) a Native American Monitor to be present during any surveys and ground disturbing proceedings. The proposed flood control project does not involve the preparation or amendment of the general plan. Therefore, it is not subject to the amended or added provisions following adoption of SB 18 for Traditional tribal cultural places that require government to government consultation with the Tribe. The proposed project site is located within an existing golf course surrounded by residential development. The proposed project alignment is located primarily within existing road rights-of-way with numerous underground utilities (e.g. telephone lines, waterlines, sewer lines, gas lines, etc.) already in place. Based on the above discussion, the District does not see a need to provide for Native American monitoring where the likelihood of discovering sensitive cultural materials is considered highly unlikely. However, the District will keep the Soboba Band of Luiseño Indians informed on the progress of this project. A copy of this Initial Study will also be forwarded to the Soboba Band of Luiseño Indians for review and comments, as appropriate, during the CEQA public review process.

In the event of accidental discovery of cultural resources during construction, the following measure shall be implemented:

- M V-2** If cultural resources are accidentally discovered during construction, ground disturbance activities in the vicinity of the find shall cease until a qualified archaeologist can assess the significance of the find and, if necessary, develop appropriate treatment measures. Any discovered resources that merit long term consideration shall be collected and reported in accordance with current protocols.

- c) **Would the project directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?**

Less than Significant Impact. The Riverside County General Plan Paleontological Sensitivity Areas Map (Figure OS-8) indicates that the project site is located within an area of low potential for containing paleontological resources. The proposed project site is located within an existing golf course surrounded by residential development. The proposed project alignment is located primarily within existing road rights-of-way with numerous underground utilities (e.g., telephone lines, waterlines, sewer lines, gas lines, etc.) already in place. Therefore, it is unlikely that any paleontological resources will be impacted during construction. However, in the event of the accidental discovery of any paleontological resources during construction, the following measure shall be implemented:

M V-3 If paleontological resources are accidentally discovered during construction, ground disturbance activities in the vicinity of the discovery shall cease until a qualified paleontological resources specialist can evaluate the significance of the find and, if necessary, develop appropriate treatment measures.

- d) **Would the project disturb any human remains, including those interred outside of formal cemeteries?**

Less than Significant Impact. Based on the cultural resources records search and the disturbed nature of the project site, it is unlikely that human remains are located within the proposed project area. In the unlikely event that human remains are encountered on the project site, the implementation of the following measure will ensure that potential impacts remain less than significant:

M V-4 Pursuant to State Health and Safety Code Section 7050.5, if human remains are encountered during construction, ground disturbance activities in the vicinity of the find shall cease 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 Native American, the County Coroner will decide the disposition of the remains. If the County Coroner determines that the remains are Native American, the County Coroner will notify the Native American Heritage Commission (NAHC). The NAHC will determine and notify the Most Likely Descent (MLD). The MLD will then recommend the treatment and disposition of the remains pursuant to California Public Resources Code Section 5097.98. The NAHC may become involved with decisions concerning the treatment and disposition of the remains.

VI. GEOLOGY AND SOILS

The discussion in this section is based, in part, on the Revised Geotechnical Investigation Report prepared for the proposed project by C.H.J. Incorporated on July 1, 2009. A copy of this report is on file and available for review at the District's office.

a) **Would the project 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 the Division of Mines and Geology Special Publication 42.**

No Impact. The Riverside County Land Information System indicates that the proposed project is not located within a Fault Zone or within a ½ mile of any known fault. Furthermore, the proposed underground storm drain project will not expose people or structures to potential substantial adverse effects involving rupture of known fault.

ii. **Strong seismic groundshaking?**

No Impact. The proposed project site is located in a seismically active area and moderate to severe seismic shaking is likely to occur periodically. However, the proposed project is an underground storm drain system located within existing road rights-of-way. Thus, the proposed project will not expose people or structures to potential substantial adverse effects involving seismic groundshaking.

iii. **Seismic-related ground failure including liquefaction?**

No Impact. The Riverside County Land Information System indicates that the proposed project area is located within an area of "very high" susceptibility for liquefaction due to the shallow depth of groundwater within the area. However, the proposed project is an underground storm drain system located primarily within existing road rights-of-way. Thus, the project would not expose people or structures to potential substantial adverse effects involving seismic-related ground failure.

iv. **Landslides or mudflows?**

No Impact. The Jurupa Area Plan Slope Instability Map (Figure 12) of the Riverside County General Plan indicates that the proposed project area is located within an area designated as "low to locally moderate susceptibility to seismically induced landslides and rockfalls." However, the proposed project is an underground storm drain system located in an area with relatively flat terrain. Therefore, the proposed project would not expose people or structures to potential substantial adverse effects involving landslides or mudflows.

b) **Would the project 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 construction of the proposed storm drain facility will involve excavation and backfill activities. Based on the Revised Geotechnical Investigation Report, the potential for significant caving and sloughing is considered low if excavations are properly shored and sloped. 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 result. The backfill operation will be conducted in accordance with the applicable recommendations of the Revised Geotechnical Investigation Report. During construction, graded areas may become more susceptible to erosion but potential soil erosion will be minimized by preparing and implementing a project specific stormwater pollution prevention plan (SWPPP) as required under the NPDES General Permit for Stormwater Discharges Associated with Construction Activity (Construction General Permit). The SWPPP will incorporate appropriate Best Management Practices (BMPs) to minimize erosion or the loss of topsoil.

- c) **Would the project 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. Refer to Sections VIaiv. and VIaiii. The Riverside County Land Information System indicates that the proposed project area is located within an area designated as "susceptible" to subsidence. However, the proposed project will be designed and constructed in accordance with the applicable recommendations of the Revised Geotechnical Investigation Report to ensure the project will not be constructed on unstable soils or result in unstable soil conditions.

- d) **Would the project be located on expansive soil, as defined in table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?**

No Impact. Based on the Revised Geotechnical Investigation Report, the soils within the proposed project site generally consist of medium dense to very dense silty sand and silty sands with clay. Recommendations from the Revised Geotechnical Investigation Report will be incorporated into the design and construction of the project. The proposed project is an underground storm drain system located primarily within existing road rights-of-way. Thus, irrespective of soil type, the project does not pose a substantial risk to life or property.

- e) **Would the project have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal or wastewater?**

No Impact. The proposed project consists of the construction, operation and maintenance of a storm drain system. There are no housing units or businesses proposed as part of the project. Therefore, sewer or alternative wastewater disposal facilities would not be required.

VII. HAZARDS AND HAZARDOUS MATERIALS

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

Less than Significant Impact. The project will not create a significant hazard to the public or the environment. The project does not involve routine transport or disposal of hazardous materials. The construction of the proposed project involves temporal, limited use of hazardous materials including petroleum-based fuels, lubricants and

other similar products associated with the operation of construction equipment (see Section IIIb) during the construction phase. Standard protocols and BMPs (see Section VIIIa) will be implemented as part of the construction contractor's stormwater pollution prevention plan to ensure the lawful and proper storage and use of these materials. All transport, handling, use and disposal of substances such as petroleum products, solvents and paints related to construction, operation and maintenance of the proposed underground storm drain system will comply with all federal, state and local laws regulating the management and use of hazardous materials.

- b) **Would the project 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. See Section VIIa.

- c) **Would the project 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. Existing or proposed schools are not located within one-quarter mile of the proposed project site. See Section VIIa.

- d) **Would the project 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?**

No Impact. A review of the Department of Toxic Substance Control's Hazardous Waste and Substances List (Cortese List) indicates that the proposed project is not located on an identified hazardous materials site. Also, a review of the State Water Resources Control Board's Leaking Underground Storage Tank (LUST) database and the Environmental Protection Agency's Enviromapper database indicates that there are no listed hazardous materials sites within the project area. However, in the unlikely event of the discovery of previously unknown hazardous materials during construction, the following measure shall be implemented:

M VII-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.

- e) **For a project located within an airport land use plan, or where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?**

No Impact. The Flabob Airport is located approximately 2 miles from the proposed project area; however, the project is not within the Influence Area for the airport. Further, the proposed project will not increase public use of the area in a manner that

would result in a safety hazard for people residing or working in the project area beyond the current conditions.

- f) **For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?**

No Impact. The proposed project is not located within the vicinity of a private airstrip.

- g) **Would the project 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.

- h) **Would the project 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. The proposed project is an underground storm drain system located within an existing residential community. Thus, the construction and subsequent maintenance of the proposed project would not expose people or structures to an increased risk of wildfire beyond current conditions. The Jurupa Area Plan Wildfire Susceptibility Map (Figure 9) of the Riverside County General Plan indicates that the majority of the plan area is subject to minimal risk of wildland fire hazards.

VIII. HYDROLOGY AND WATER QUALITY

- a) **Would the project violate water quality standards or waste discharge requirements?**

Less than Significant Impact. Refer to Section VIIIb below.

- b) **Would the project 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 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 produce pollutants.

During the construction phase, the potential for short-term discharges of sediment, hydrocarbons or other pollutants associated with stormwater runoff from the construction site may be increased. The District will implement the appropriate stormwater Best Management Practices (BMPs) in compliance with the NPDES General Permit for Stormwater Discharges Associated with Construction Activity. The District is also required to comply with the NPDES Municipal Separate Storm Sewer System (MS4) permit issued by the Santa Ana Regional Water Quality Control Board (SARWQCB). Compliance with the established programs mentioned above will ensure that the project would not result in substantial discharges of typical stormwater pollutants.

- c) **Would the project 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 use for which permits have been granted)?**

No Impact. The proposed project consists of the construction, operation and maintenance of an underground storm drain system. The proposed project will not interfere with groundwater recharge or deplete groundwater supplies.

- d) **Would the project 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 consists of the construction, operation and maintenance of an underground storm drain system within existing road rights-of-way. The proposed facility will outlet onto an existing golf course. Drainage patterns in the project area will not be altered in a manner which would result in substantial erosion or siltation on- or off-site.

- e) **Would the project 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- or off-site.

- f) **Would the project create or contribute runoff water, which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?**

Less than Significant Impact. The proposed project will not create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff.

- g) **Would the project place housing within a 100-year flood hazard area as mapped on a Federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?**

No Impact. The proposed underground storm drain facility 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.

- h) **Would the project place structures or fill within a 100-year flood hazard area, which would impede or redirect flood flows?**

No Impact. The proposed storm drain system will not impede or redirect flood flows within a 100-year flood hazard area.

- i) **Would the project 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 a dam?**

No Impact. The proposed underground storm drain facility will not 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 a dam. Conversely, the proposed project will increase the level of flood protection for local residents.

- j) **Would the project expose people or structures to a significant risk of loss, injury or death involving by seiche, tsunami, or mudflow?**

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

- k) **Would the project substantially change the amount of surface water in any waterbody or wetlands?**

Less than Significant Impact. The proposed underground storm drain system will intercept the stormwater runoff from an existing storm drain outlet at a point where, currently, the discharges sheet flow across the existing residential development. The proposed project will convey the intercepted runoff and discharge onto the existing golf course. The proposed project will not substantially change the amount of surface water in any waterbody or wetlands.

IX. LAND USE PLANNING

- a) **Would the project physically divide an established community?**

No Impact. The proposed project consists of an underground storm drain system that would not physically divide an established community.

- b) **Would the project 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 storm drain will not conflict with any applicable land use plan, policy or regulation.

- c) **Would the project conflict with any applicable habitat conservation plan or natural community conservation plan?**

No Impact. The proposed project is subject to the Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP). As previously discussed in Section IVf, the proposed project is consistent with the MSHCP.

X. MINERAL RESOURCES

- a) **Would the project 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 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.

- b) **Would the project 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 proposed project is not located within a delineated mineral resource recovery area.

XI. NOISE

- a) **Would the project result in exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?**

Less than Significant Impact. The proposed flood control project will not generate long-term sources of noise levels in excess of standards established in the local general plan or noise ordinance. Temporary noise related to construction and subsequent maintenance activities is discussed below (Section XIb).

- b) **Would the project result in exposure of persons to or generation of excessive ground-borne vibration or ground-borne noise levels?**

Potentially Significant Impact Unless Mitigation Incorporated. The proposed project would involve the temporary and 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 noise increases above existing 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 significantly 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 incorporate the following mitigation measures:

MM XI-1 Use of heavy equipment shall be limited to between the hours of 7:00 a.m. to 5:00 p.m. from Monday through Friday and prohibited on weekends and holidays, unless otherwise approved by the District's General Manager-Chief Engineer.

MM XI-2 Each residence adjacent to the storm drain construction site shall be notified in writing three days prior to operating 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.

- c) **Would the project result in 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.

- d) **Would the project result in a substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?**

Potentially Significant Impact Unless Mitigation Incorporated. Refer to Section XIb above.

- e) **For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?**

Less than Significant Impact. The Flabob Airport is located approximately two (2) miles from the proposed project area; however, the project is not within the Influence Area for the airport. The proposed project will not expose people residing or working in the project area to excessive noise levels. Refer to Section XIb above.

- 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?**

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

XII. POPULATION AND HOUSING

- a) **Would the project induce substantial population growth in an area, either directly (for example, by proposing new homes or businesses) or indirectly (for example, through extension of roads or other infrastructure)?**

No Impact. The proposed project does not include the construction of any new homes or businesses or the extension of roads in the area that could induce population growth either directly or indirectly. The proposed storm drain project will provide improved flood protection for an existing developed area.

- b) **Would the project displace substantial number of existing housing, necessitating the construction of replacement housing elsewhere?**

No Impact. The proposed project will not displace any existing housing.

- c) **Would the project displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?**

No Impact. The proposed project will not displace people, and therefore, will not necessitate 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 government facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service rations, response times or other performance objectives for any of the following public services?**

- i. **Fire protection?**

No Impact. The proposed project would not require new fire protection services.

- ii. **Police protection?**

No Impact. The proposed project would not require new police services.

- iii. **Schools?**

No Impact. The proposed project would not affect existing schools within the area.

- iv. **Parks?**

No Impact. Additional demands on existing public parks would not occur. New or improved park facilities would not be necessary as a result of the proposed project.

- v. **Other public facilities?**

No Impact. The proposed project would not impact other existing or proposed public facilities.

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?**

No Impact. The proposed project would not impact or increase the use of recreational facilities, neighborhood parks or regional parks.

- 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?**

No Impact. The proposed project does not require the construction or expansion of recreational facilities.

XV. TRANSPORTATION/TRAFFIC

- a) **Would the project cause an increase in traffic which is substantial in relation to the existing traffic load and capacity of the street system (i.e., result in a substantial increase in either the number of vehicle trips, the volume to capacity ratio on roads, or congestion at intersections)?**

Less than Significant Impact. Long-term traffic effects would not occur, as the project does not include any uses that would substantially increase trip generation to the site in relation to existing traffic load and capacity. Temporary street and lane closures during construction will be kept to a minimum and will be coordinated with the Riverside County Transportation Department to ensure that traffic flow is not adversely impacted. Therefore, potential adverse impacts will be less than significant.

- b) **Would the project exceed, either individually or cumulatively, a level of service standard established by the county congestion management agency for designated roads or highways?**

Less than Significant Impact. The proposed project will not result in any permanent changes in traffic levels. (See Section XVa).

- c) **Would the project substantially increase hazards due to a design feature (e.g., sharp curves of dangerous intersections) or incompatible uses (e.g., farm equipment)?**

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

- d) **Would the project result in inadequate emergency access?**

Less than Significant Impact. Although the operation and maintenance of the proposed project would not result in inadequate emergency access, the construction

of the proposed project will require temporary lane closures of several roads for approximately 8 hours per day. A Traffic Control Plan (TCP) that 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 County of Riverside Transportation Department. With the implementation of the TCP, combined with the short-term nature of lane closures and the inclusion of the following measure, impacts to emergency access will remain less than significant:

M XV-1 At all times during construction, the contractor shall ensure that emergency fire or medical vehicles are able to access all adjacent areas.

e) Would the project result in inadequate parking capacity?

No Impact. The project site is expected to provide sufficient temporary parking areas for construction workers and equipment.

XVI. UTILITIES AND SERVICE SYSTEMS

a) Would the project require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which would cause significant environmental effects?

No Impact. The proposed project would not require or result in the construction of new water or wastewater facilities.

b) Would the project 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 a new storm drain facility to alleviate nuisance flooding within the project area. Additional drainage facilities will not be required as a result of the proposed project.

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

No Impact. The proposed project would not require new or expanded water supplies.

d) Would the project result in determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demands in addition to the provider's existing commitments?

No Impact. The proposed project would not generate wastewater.

e) Would the project 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 construction. The amount of solid waste generated by construction of the

project would not be substantial or interfere with the capacity of nearby existing landfills.

- f) **Would the project comply with federal, state, and local statutes and regulations related to solid waste?**

Less than Significant Impact. Construction waste would be disposed offsite in compliance with Federal, State and local statutes and regulations related to solid waste, and a long-term solid waste source would not be created.

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?**

Less than Significant Impact. As indicated in this Initial Study, the project's potential impacts to the environment, wildlife species, plant or animal community and cultural resources will not occur, will be less than significant or will be mitigated below a level of significance.

- b) **Does the project have the potential to achieve short-term environmental goals, to the disadvantage of long-term environmental goals?**

Less than Significant Impact. With the incorporation of the proposed mitigation measures, the proposed project will not have significant adverse impacts on long-term environmental goals.

- c) **Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that 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 document, potential adverse impacts such as noise, air quality and transportation/traffic are temporary and will cease upon construction completion. Further, due to the project's relatively small area of impact and short construction duration, potential impacts would not be cumulatively considerable.

- d) **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 document, 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 described in Sections III and XI, potential air quality and noise impacts will be less than significant.

REFERENCES AND BIBLIOGRAPHY

California Air Resources Board, *Recommended Approaches for Setting Interim Significance Thresholds for Greenhouse Gases Under the California Environmental Quality Act*, October 2008

C.H.J. Incorporated, *Revised Geotechnical Investigation Pedley Hills – Bolero Drive Storm Drain Project No. 1-0-0138*, July 2009

County of Riverside General Plan and Jurupa Area Plan. Website accessed December 2008
<http://www.rctlma.org/genplan/content/gp.aspx>

Hazardous Waste and Substance Sites List (Cortese List), dated November 2008

Riverside County Land Information System. Website accessed November 2009
<http://www3.tlma.co.riverside.ca.us/pa/rclis/viewer.htm>

South Coast Air Quality Management District, *CEQA Air Quality Handbook*, April 1993

South Coast Air Quality Management District, *Draft Guidance Document – Interim CEQA Greenhouse Gas (GHG) Significance Threshold*, October 2008

URBEMIS 2007 (V9.2.0) Printout

Urbemis 2007 Version 9.2.4

Combined Annual Emissions Reports (Tons/Year)

File Name: C:\Documents and Settings\mison\My Documents\Bolero Storm Drain - Air Quality.urb924

Project Name: Bolero Storm Drain

Project Location: Riverside County

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

Off-Road Vehicle Emissions Based on: OFFROAD2007

Summary Report:

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 Dust	PM10 Exhaust	PM10	PM2.5 Dust	PM2.5 Exhaust	PM2.5	CO2
2010 TOTALS (tons/year unmitigated)	0.07	0.44	0.27	0.00	0.00	0.03	0.04	0.00	0.03	0.03	40.66

Construction Unmitigated Detail Report:

CONSTRUCTION EMISSION ESTIMATES Annual Tons Per Year, Unmitigated

ROG	NOx	CO	SO2	PM10 Dust	PM10 Exhaust	PM10	PM2.5 Dust	PM2.5 Exhaust	PM2.5	CO2
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2010

Mass Grading 07/01/2010-07/15/2010	0.07	0.44	0.27	0.00	0.00	0.03	0.04	0.00	0.03	0.03	0.03	40.66
Mass Grading Dust	0.01	0.09	0.06	0.00	0.00	0.01	0.01	0.00	0.01	0.01	0.01	9.40
Mass Grading Off Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading On Road Diesel	0.01	0.08	0.05	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.66
Asphalt 07/16/2010-09/01/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.23
Paving Off-Gas	0.06	0.35	0.22	0.00	0.00	0.03	0.03	0.00	0.03	0.03	0.03	0.51
Paving Off Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.25
Paving On Road Diesel	0.05	0.35	0.19	0.00	0.00	0.03	0.03	0.00	0.03	0.03	0.03	0.00
Paving Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.17
	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44
												2.64

Phase Assumptions

Phase: Mass Grading 7/1/2010 - 7/15/2010 - Default Mass Site Grading/Excavation Description

Total Acres Disturbed: 0.87

Maximum Daily Acreage Disturbed: 0.03

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 52.73

Off-Road Equipment:

2 Excavators (168 hp) operating at a 0.57 load factor for 8 hours per day

1 Rollers (95 hp) operating at a 0.56 load factor for 8 hours per day

Phase: Paving 7/16/2010 - 9/1/2010 - Default Paving Description

Acres to be Paved: 0.58

Off-Road Equipment:

1 Pavers (100 hp) operating at a 0.62 load factor for 7 hours per day

Page: 3

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- 1 Paving Equipment (104 hp) operating at a 0.53 load factor for 8 hours per day
- 1 Rollers (95 hp) operating at a 0.56 load factor for 7 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day
- 1 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 7 hours per day

Urbemis 2007 Version 9.2.4

Combined Winter Emissions Reports (Pounds/Day)

File Name: C:\Documents and Settings\lmtson\My Documents\Bolero Storm Drain - Air Quality.urb924

Project Name: Bolero Storm Drain

Project Location: Riverside County

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

Off-Road Vehicle Emissions Based on: OFFROAD2007

Summary Report:

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 Dust	PM10 Exhaust	PM10	PM2.5 Dust	PM2.5 Exhaust	PM2.5	CO2
2010 TOTALS (lbs/day unmitigated)	3.29	20.67	12.82	0.00	0.61	1.65	1.66	0.13	1.52	1.52	1,838.52

Construction Unmitigated Detail Report:

CONSTRUCTION EMISSION ESTIMATES Winter Pounds Per Day, Unmitigated

	ROG	NOx	CO	SO2	PM10 Dust	PM10 Exhaust	PM10	PM2.5 Dust	PM2.5 Exhaust	PM2.5	CO2
Time Slice 7/1/2010-7/15/2010 Active Days: 11	2.16	16.24	10.02	0.00	0.61	1.03	1.65	0.13	0.95	1.08	1,709.56
Mass Grading 07/01/2010-07/15/2010	2.16	16.24	10.02	0.00	0.61	1.03	1.65	0.13	0.95	1.08	1,709.56
Mass Grading Dust	0.00	0.00	0.00	0.00	0.60	0.00	0.60	0.13	0.00	0.13	0.00
Mass Grading Off Road Diesel	2.03	14.61	8.67	0.00	0.00	0.97	0.97	0.00	0.89	0.89	1,392.78
Mass Grading On Road Diesel	0.11	1.59	0.57	0.00	0.01	0.06	0.07	0.00	0.06	0.06	223.48
Mass Grading Worker Trips	0.02	0.05	0.78	0.00	0.00	0.00	0.01	0.00	0.00	0.00	93.29

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Time Slice 7/16/2010-9/1/2010
Active Days: 34

	3.29	20.67	12.82	0.00	0.01	1.65	1.66	0.00	1.52	1.52	1.52	1.838.52
Asphalt 07/16/2010-09/01/2010	3.29	20.67	12.82	0.00	0.01	1.65	1.66	0.00	1.52	1.52	1.52	1,838.52
Paving Off-Gas	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving Off Road Diesel	3.19	20.41	11.45	0.00	0.00	1.64	1.64	0.00	1.51	1.51	1.51	1,657.07
Paving On Road Diesel	0.01	0.18	0.07	0.00	0.00	0.01	0.01	0.00	0.01	0.01	0.01	25.95
Paving Worker Trips	0.04	0.08	1.30	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.01	155.49

Phase Assumptions

Phase: Mass Grading 7/1/2010 - 7/15/2010 - Default Mass Site Grading/Excavation Description
Total Acres Disturbed: 0.87

Maximum Daily Acreage Disturbed: 0.03

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 52.73

Off-Road Equipment:

2 Excavators (168 hp) operating at a 0.57 load factor for 8 hours per day

1 Rollers (95 hp) operating at a 0.56 load factor for 8 hours per day

Phase: Paving 7/16/2010 - 9/1/2010 - Default Paving Description

Acres to be Paved: 0.58

Off-Road Equipment:

1 Pavers (100 hp) operating at a 0.62 load factor for 7 hours per day

1 Paving Equipment (104 hp) operating at a 0.53 load factor for 8 hours per day

1 Rollers (95 hp) operating at a 0.56 load factor for 7 hours per day

1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

1 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 7 hours per day

Urbemis 2007 Version 9.2.4

Combined Summer Emissions Reports (Pounds/Day)

File Name: C:\Documents and Settings\mtson\My Documents\Bolero Storm Drain - Air Quality.urb924

Project Name: Bolero Storm Drain

Project Location: Riverside County

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

Off-Road Vehicle Emissions Based on: OFFROAD2007

Summary Report:

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 Dust	PM10 Exhaust	PM10	PM2.5 Dust	PM2.5 Exhaust	PM2.5	CO2
2010 TOTALS (lbs/day unmitigated)	3.29	20.67	12.92	0.00	0.61	1.65	1.66	0.13	1.52	1.52	1,838.52

Construction Unmitigated Detail Report:

CONSTRUCTION EMISSION ESTIMATES Summer Pounds Per Day, Unmitigated

	ROG	NOx	CO	SO2	PM10 Dust	PM10 Exhaust	PM10	PM2.5 Dust	PM2.5 Exhaust	PM2.5	CO2
Time Slice 7/1/2010-7/15/2010 Active Days: 11	2.16	16.24	10.02	0.00	0.61	1.03	1.65	0.13	0.95	1.08	1,709.56
Mass Grading 07/01/2010- 07/15/2010	2.16	16.24	10.02	0.00	0.61	1.03	1.65	0.13	0.95	1.08	1,709.56
Mass Grading Dust	0.00	0.00	0.00	0.00	0.60	0.00	0.60	0.13	0.00	0.13	0.00
Mass Grading Off Road Diesel	2.03	14.61	8.67	0.00	0.00	0.97	0.97	0.00	0.89	0.89	1,392.78
Mass Grading On Road Diesel	0.11	1.59	0.57	0.00	0.01	0.06	0.07	0.00	0.06	0.06	223.48
Mass Grading Worker Trips	0.02	0.05	0.78	0.00	0.00	0.00	0.01	0.00	0.00	0.00	93.29

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Time Slice 7/16/2010-9/1/2010 Active Days: 34	3.29	20.67	12.82	0.00	0.01	1.65	1.66	0.00	1.52	1.52	1.838.52
Asphalt 07/16/2010-09/01/2010	3.29	20.67	12.82	0.00	0.01	1.65	1.66	0.00	1.52	1.52	1,838.52
Paving Off-Gas	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving Off Road Diesel	3.19	20.41	11.45	0.00	0.00	1.64	1.64	0.00	1.51	1.51	1,657.07
Paving On Road Diesel	0.01	0.18	0.07	0.00	0.00	0.01	0.01	0.00	0.01	0.01	25.95
Paving Worker Trips	0.04	0.08	1.30	0.00	0.01	0.00	0.01	0.00	0.00	0.01	155.49

Phase Assumptions

Phase: Mass Grading 7/1/2010 - 7/15/2010 - Default Mass Site Grading/Excavation Description

Total Acres Disturbed: 0.87

Maximum Daily Acreage Disturbed: 0.03

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20 lbs per acre-day

On Road Truck Travel (VMT): 52.73

Off-Road Equipment:

2 Excavators (168 hp) operating at a 0.57 load factor for 8 hours per day

1 Rollers (95 hp) operating at a 0.56 load factor for 8 hours per day

Phase: Paving 7/16/2010 - 9/1/2010 - Default Paving Description

Acres to be Paved: 0.58

Off-Road Equipment:

1 Pavers (100 hp) operating at a 0.62 load factor for 7 hours per day

1 Paving Equipment (104 hp) operating at a 0.53 load factor for 8 hours per day

1 Rollers (95 hp) operating at a 0.56 load factor for 7 hours per day

1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

1 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 7 hours per day

Notice of Determination

To: Office of Planning and Research

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

Street Address:
1400 Tenth Street
Sacramento, CA 95814

From: Riverside County Flood Control
1995 Market Street
Riverside, CA 92501
Contact: Teresa Tung
Phone: 951.955.1233

Lead Agency (if different from above):

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

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): N/A

Project Title:

Pedley Hills Bolero Drive Storm Drain, Stage 1 Project

Project Location (include county)

The proposed project is generally bounded to the northwest and northeast by Jayhawk Drive, the southeast by Camino Real, and the southwest by Paisano Way and Live Oak Drive within the unincorporated area of Riverside County, Township 2 South, Range 5 West, Section 18 of the USGS Riverside West Quadrangle sheets.

Project Description

The proposed project consists of the construction, operation and maintenance of approximately 1,600 lineal feet of reinforced concrete pipe ranging in size from 24-inch to 30-inch in diameter.

This is to advise that the Riverside County Flood Control and Water Conservation District has approved the above described
(Lead Agency or Responsible Agency)

project on March 2, 2010 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 mitigation reporting or 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 EIR with comments and responses and record of project approval, or the Mitigated Negative Declaration, is available to the General Public at: The office of the Clerk to 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\128071

Attachment D

CERTIFICATE OF POSTING

(Original copy, duly executed, must be attached to original at the time of filing)

I, Elizabeth DeHayes, OAIT, do hereby certify that I am not
(NAME AND TITLE)
a party to the within action or proceeding; that on January 28, 2010, I posted a
(DATE)
copy of the following document:

RESOLUTION NO. F2010-02 SETTING A PUBLIC HEARING DATE FOR Pedley Hills Bolero Drive Storm Drain, Stage 1 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)

by posting at Rubidoux Branch Library
5763 Tilton
Riverside, CA 92509

Date: 01-28-10

Elizabeth DeHayes
(Signature)

LOUIS RUBIDOUX BRANCH LIBRARY
5763 TILTON AVENUE
RIVERSIDE, CA 92509
682-5485

1/28/2010
Elizabeth Massie
Library Assistant

Attachment D

CERTIFICATE OF POSTING

(Original copy, duly executed, must be attached to original at the time of filing)

I, Elizabeth DeHayes, OAI, do hereby certify that I am not
(NAME AND TITLE)
a party to the within action or proceeding; that on January 28, 2010, I posted a
(DATE)
copy of the following document:

Pedley Hills Bolero
Drive Storm Drain,

RESOLUTION NO. F2010-02 SETTING A PUBLIC HEARING DATE FOR Stage 1 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)

by posting at Riverside County Clerks Office
2724 Gateway Drive
Riverside, CA 92507

Date: 01/28/10

[Signature]
(Signature)

FILED
RIVERSIDE COUNTY

JAN 28 2010

LARRY W. WARD, CLERK

By B. Reese B. Reese
Deputy

B. Reese

**RIVERSIDE COUNTY FLOOD CONTROL
AND WATER CONSERVATION DISTRICT**

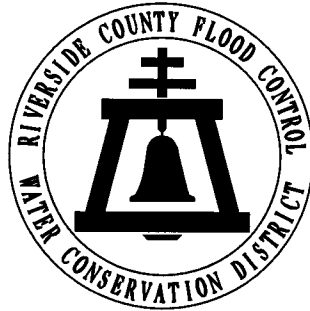
ENGINEER'S STATEMENT

**Pedley Hills Bolero Drive Storm Drain, Stage 1 Project
Project No. 1-0-00138**

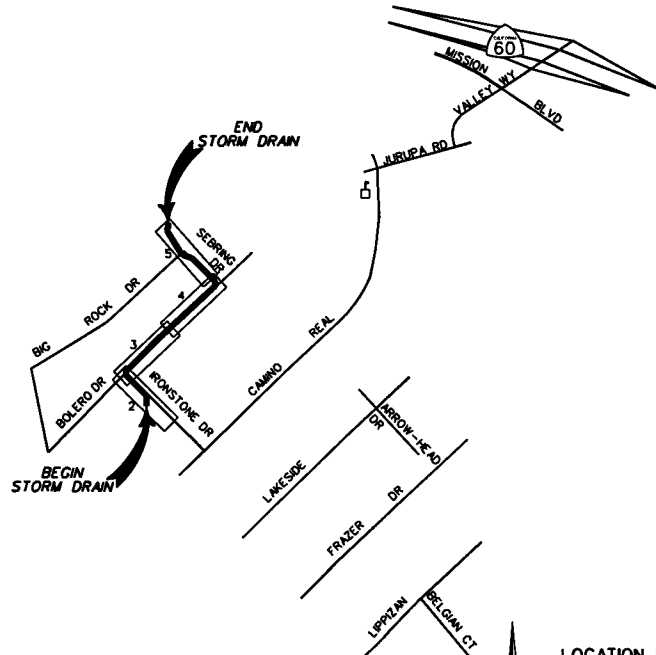
The proposed Pedley Hills Bolero Drive Storm Drain, Stage 1 Project (project) is located within the unincorporated area of Riverside County, California. The project is an underground storm drain system designed to collect and convey the 100-year tributary storm water runoff through commercial and residential areas. The project is intended to provide improved flood protection to existing residences, commercial development and public roads.

The project consists of the construction and subsequent operation and maintenance of approximately 1,600 lineal feet of reinforced concrete pipe ranging in size from 24-inch to 30-inch in diameter. From the outlet, located southeast of the intersection of Bolero Drive and Ironstone Drive, the proposed storm drain alignment extends northwesterly within Ironstone Drive right-of-way, northeasterly within Bolero Drive right-of-way, northwesterly within Sebring Drive right-of-way, and ends at the existing concrete energy dissipater located north of the intersection of Sebring Drive and Big Rock Drive. The estimated cost of the project is \$468,000. Construction and future operation and maintenance costs will be borne by the District's Zone 1 revenue.

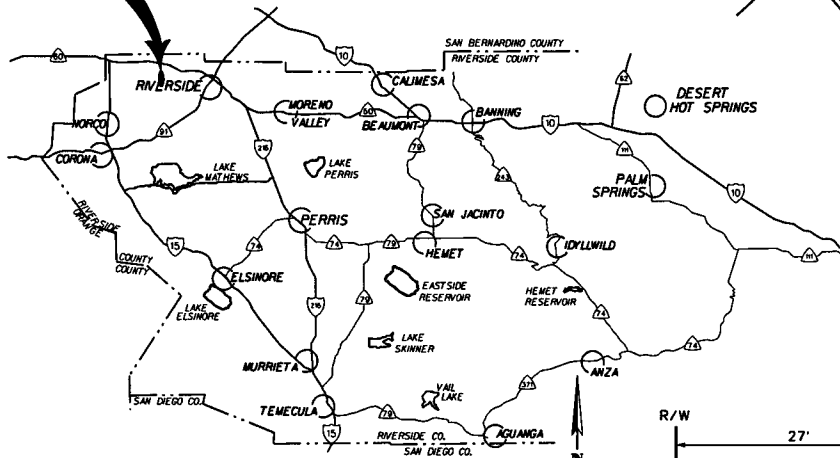
SECTION 18
PUBLIC HEARING
MAP



PEDLEY HILLS BOLERO DR
STORM DRAIN
PROJECT NO.1-0-0138
APRIL 2008

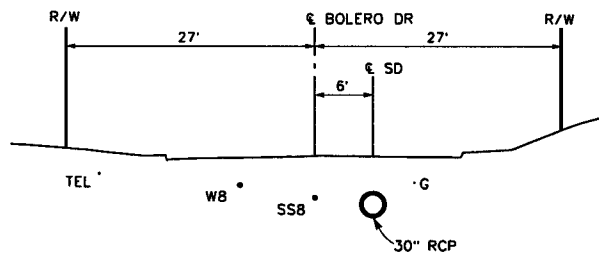


PROJECT LOCATION



VICINITY MAP
NTS

LOCATION MAP
NTS



TYPICAL SECTION

RIVERSIDE COUNTY CLERK-RECORDER

AUTHORIZATION TO BILL

TO BE FILLED OUT BY SUBMITTING AGENCY

DATE: 2/8/2010 BUSINESS UNIT/AGENCY: FLOOD CONTROL - FCARC

ACCOUNTING STRING:

ACCOUNT: 527780 FUND: 25110

DEPT ID: 947400 PROGRAM: _____

AMOUNT: \$2,074.25

REF: CEQA Notice of Determination Posting - Pedley Hills Bolero Dr Storm Drain, Stage 1, 221-1-8-00138-01-30

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

NUMBER OF DOCUMENTS INCLUDED: 1

AUTHORIZED BY: Kathryn Gates

PRESENTED BY: Mark Wills

CONTACT: Mai Son (951) 955-5418

TO BE FILLED OUT BY COUNTY CLERK

ACCEPTED BY: _____

DATE: _____

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