

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

7388



FROM: General Manager-Chief Engineer

SUBMITTAL DATE:
May 18, 2010

SUBJECT: Public Hearing for Day Creek Channel, Stage 6 Phase 2 Project
Project No. 1-0-00250-06

RECOMMENDED MOTION:

Adopt Resolution No. F2010-09 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; and

adopts a Mitigated Negative Declaration and Monitoring Program Table; and

authorizes the District to proceed with the project.

BACKGROUND:

See Page 2.

RS:mcv

Steve Thomas

Steve Thomas

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

**FINANCIAL
DATA**

Current F.Y. District Cost: N/A
Current F.Y. County Cost: N/A
Annual Net District Cost: N/A

In Current Year Budget: N/A
Budget Adjustment: N/A
For Fiscal Year: N/A

SOURCE OF FUNDS: N/A

Positions To Be Deleted Per A-30 ☐

Requires 4/5 Vote ☐

C.E.O. RECOMMENDATION:

APPROVE

BY:

Alex Gann
Alex Gann

County Executive Office Signature

MINUTES OF THE FLOOD CONTROL AND WATER CONSERVATION DISTRICT

On motion of Supervisor Benoit, seconded by Supervisor Tavaglione and duly carried by unanimous vote, IT WAS ORDERED that the above matter is approved as recommended.

Ayes: Buster, Tavaglione, Stone, Benoit and Ashley
Nays: None
Absent: None
Date: May 18, 2010
xc: Flood

Kecia Harper-Ihem
Clerk of the Board

By: *[Signature]*
Deputy

Prev. Agn. Ref.:

District: 2nd

Agenda Number:

11.6

ATTACHMENTS FILED
WITH THE CLERK OF THE BOARD

CLERK OF RIVERSIDE COUNTY COUNSEL
DATE 3/23/10
BY: LARISA R-MCKENNA

Policy

☐

Consent

☐

Dept's Recomm.:

Policy

☒

Consent

☐

Per Exec. Ofc.:

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

SUBJECT: Public Hearing for Day Creek Channel, Stage 6 Phase 2 Project
Project No. 1-0-00250-06

SUBMITTAL DATE: May 18, 2010

Page 2

BACKGROUND:

This hearing is in accordance with the requirements of California Environmental Quality Act (CEQA) and Section 18 of the District Act.

BOARD OF SUPERVISORSRIVERSIDE COUNTY FLOOD CONTROL
AND WATER CONSERVATION DISTRICT

RESOLUTION NO. F2010-09
 APPROVING THE
 DAY CREEK CHANNEL, STAGE 6 PHASE 2 PROJECT

WHEREAS, on April 6, 2010, the Board adopted Resolution No. F2010-08 pursuant to Section 18 of the District Act giving notice of its intention to adopt a Mitigated Negative Declaration (MND) and approve the Day Creek Channel, Stage 6 Phase 2 Project in Zone 2, within the unincorporated Mira Loma area of Riverside County, and giving further notice that the project and MND would be considered at a public hearing on May 18, 2010; and

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

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

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

1. The Project is partially within the Criteria Area set forth in and established by the Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP) and is specifically within Subunit SU1 (Santa Ana River North) of the Jurupa Area Plan and Cell No. 610.
2. The Project has been reviewed and analyzed and it has been determined by District staff that the Project is consistent with the Criteria for Cell No. 610. Pursuant to this review and analysis, it was concluded that the Project lies

APPROVED COUNTY COUNSEL
 BY *[Signature]* 5/23/10
 LARICA R. WICKRENT

1 within the northwest portion of Cell No. 610. Additionally, it was determined
2 that the Project is not within any area described as necessary for inclusion in the
3 MSHCP Conservation Area. See Joint Project Review # 08-04-01-01, dated
4 June 2, 2009 for the Project.

5 3. The Project has been submitted to and reviewed by the Western Riverside
6 County Regional Conservation Authority (RCA) pursuant to the Joint Project
7 Review (JPR) process. Pursuant to a Criteria Consistency Review letter
8 received from the RCA dated June 2, 2009, it was determined that the Project is
9 consistent with both the Criteria and other MSHCP requirements. See Joint
10 Project Review # 08-04-01-01, dated June 2, 2009 for the Project.

11 4. The Project is consistent with the Riparian/Riverine Area and Vernal Pools
12 requirements of the MSHCP. Pursuant to Section 6.1.2 of the MSHCP, an
13 assessment of the potentially significant effects on Riparian/Riverine Areas and
14 Vernal Pools which includes identification and mapping of such areas located
15 within the Project boundaries is required. It has been determined that although
16 the Project area does not contain any vernal pools, the Project area does include
17 Riparian/Riverine Areas as defined by the MSHCP which have been mapped.
18 However, it has also been determined that the Project area does not contain
19 suitable habitat for least Bell's vireo, Southwestern Willow Flycatcher, Western
20 Yellow-billed cuckoo, Riverside fairy shrimp, Santa Rosa Plateau fairy shrimp,
21 or the vernal pool fairy shrimp. See Joint Project Review # 08-04-01-01, dated
22 June, 2 2009 and Biological Resources Report prepared by Dudek, dated March
23 2006 for the Project. Pursuant to Section 6.1.2, a Determination of Biologically
24 Equivalent or Superior Preservation (DBESP) analysis of unavoidable impacts
25 to Riparian/Riverine Areas has been completed and it has been determined by
26 District staff that the Project, with its design features and proposed
27 compensatory measures, is biologically equivalent or superior to that under an
28

1 avoidance alternative without these measures. A copy of the DBESP analysis
2 was sent on October 7, 2009 to the U.S. Fish and Wildlife Service and the
3 California Department of Fish and Game for a 60-day review/response period.
4 No comment was received from the U.S. Fish and Wildlife Service and the
5 California Department of Fish and Game. See DBESP Analysis, dated October
6 2009 for the Project.

7 5. The Project is consistent with the Narrow Endemic Plant Species requirements
8 of the MSHCP. Pursuant to Section 6.1.3 of the MSHCP, habitat assessments
9 and/or focused surveys for certain narrow endemic plant species are required
10 for properties within mapped survey areas. The survey area maps included
11 within the MSHCP have been reviewed and the Project is partially located
12 within the survey areas for San Diego ambrosia, Brand's phacelia, and San
13 Miguel savory. A habitat assessment was conducted and it was determined that
14 suitable habitat for the above plant species does not occur on the Project site.
15 Therefore, no further assessments and/or surveys or conservation measures are
16 required. See Joint Project Review # 08-04-01-01, dated June 2, 2009 and
17 Biological Resources Report prepared by Dudek, dated March 2006 for the
18 Project.

19
20 6. The Project is consistent with the Urban/Wildlands Interface Guidelines
21 established by the MSHCP. Pursuant to Section 6.1.4 of the MSHCP, projects
22 in close proximity to the MSHCP Conservation Area are required to
23 incorporate mechanisms to address indirect effects to the MSHCP Conservation
24 Area. A portion of this Project is adjacent to the MSHCP Conservation Area,
25 and the Project has been designed to address the guidelines set forth in Section
26 6.1.4. The Project has incorporated certain design features and measures to
27 ensure compliance with Section 6.1.4 of the MSHCP. See Joint Project Review
28

08-04-01-01, dated June 2, 2009 and the DBESP Analysis dated October 2009 for the Project.

7. The Project is consistent with the Database Updates/Additional surveys requirements of the MSHCP. Pursuant to Section 6.3.2 of the MSHCP, habitat assessments and/or focused surveys for certain additional plant and animal species are required for properties within mapped survey areas. The survey area maps have been reviewed and the Project is partially within mapped survey area for the Burrowing Owl. Habitat assessments and focused surveys were conducted for the Burrowing Owl pursuant to accepted protocol as indicated in the Survey Report on Burrowing Owl prepared by Dudek for the Project, dated May 27, 2008. The focused surveys conducted on the Project site concluded that there is not suitable Burrowing Owl habitat on the Project site. Therefore, no further surveys or conservation measures are required.
8. The Project is consistent with the Guidelines for Facilities Within the Criteria Area and Public/Quasi-Public Lands. Specifically, the Project shall implement the construction guidelines set forth in Section 7.5.3 of the MSHCP and the standard best management practices set forth in Appendix C of the MSHCP, where applicable.
9. There is no substantial evidence in light of the whole record that the project, with mitigation, may have a significant effect on the environment, and the Mitigated Negative Declaration represents the independent judgment of the agency.
10. The Mitigated Negative Declaration and the Monitoring Program Table are hereby adopted.
11. The project designated as Day Creek Channel, Stage 6 Phase 2 Project is approved and the District is hereby authorized to proceed with the project.

1 BE IT FURTHER RESOLVED that, within five (5) working days of this Board hearing,
2 the Clerk of the Board is directed to deliver the adopted Mitigated Negative Declaration and the Notice
3 of Determination to the Office of the County Clerk and Recorder and to the State Office of Planning and
4 Research, who are thereby directed to file same, all as required by law.

5
6 ROLL CALL:

7 Ayes: Buster, Tavaglione, Stone, Benoit, and Ashley

8 Nays: None

9 Absent: None

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

12 KECIA HARPER-IHEM, Clerk of said Board

13 By: _____

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

ENGINEER'S STATEMENT

**Day Creek Channel, Stage 6 Phase 2
Project No. 1-0-00250
March 2010**

The proposed Day Creek Channel, Stage 6 Phase 2 project will consist of the construction and maintenance of a rock-lined trapezoidal and concrete-lined rectangular flood control channel extension from approximately the Goose Creek Golf Club to the Phase 1 channel just downstream of Limonite Avenue. The rock-lined trapezoidal channel will be constructed in an existing channel located within the Goose Creek Golf Club and will be approximately 80 feet wide and 1,155 feet long. The concrete-lined rectangular channel will extend approximately 2,650 lineal feet upstream (northerly) of Lucretia Avenue and connect to the existing Day Creek Channel near Limonite Avenue. The rectangular channel will be constructed within existing District right of way and will be 40 feet wide and vary in height from 12 to 13 feet with 15-foot wide access roads on each side of the channel. Any existing side drainage facilities that connect to the existing channel would be reconstructed as well, and a new bridge will be constructed at Lucretia Avenue. The proposed project is located along the existing Day Creek Channel within the unincorporated Mira Loma area of Riverside County. The project area is generally bounded by Limonite Avenue to the north, 68th Street to the south, Charles Avenue to the east, and Dana Avenue to the west.

The estimated cost of the proposed project is \$6 Million. Construction and future operation and maintenance costs will be borne by the District's Zone 1 revenue.

A map of the project depicting the project location and typical section is attached. Additional information may be obtained from Riverside County Flood Control and Water Conservation District, 1995 Market Street, Riverside, California 92501, 951.955.1200.

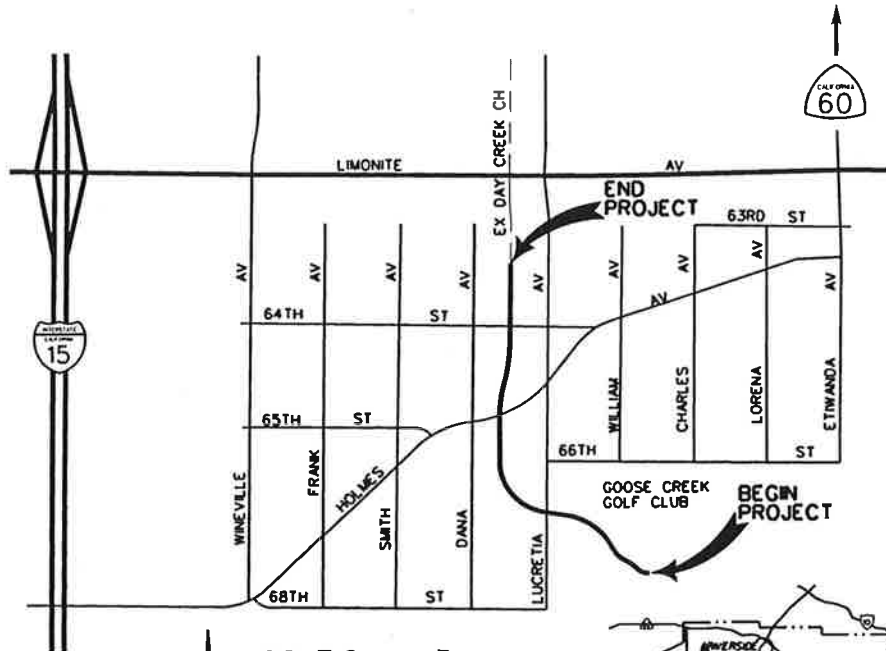
Attachment

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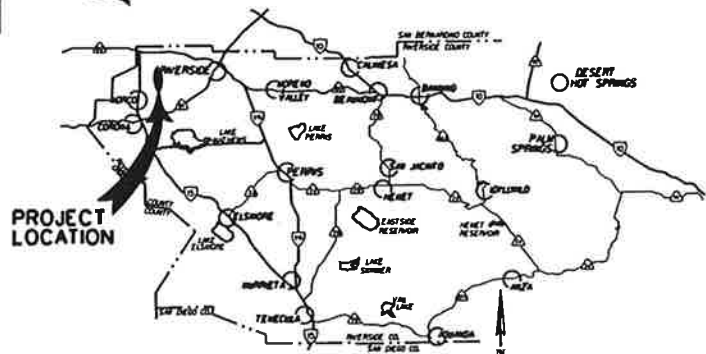
SECTION 18
PUBLIC HEARING
MAP



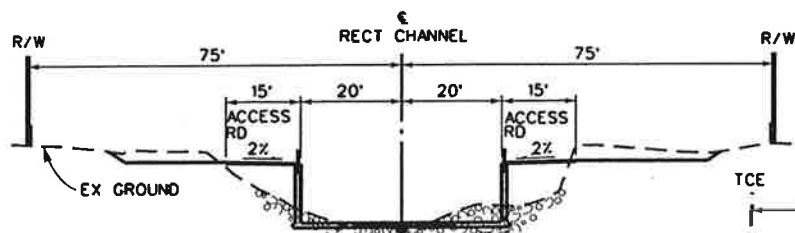
DAY CREEK CHANNEL
STAGE 6 PHASE 2
PROJECT NO.1-0-0250
DECEMBER 2009



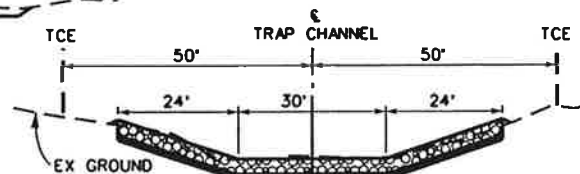
LOCATION MAP
NTS



VICINITY MAP
NTS



**TYPICAL CONCRETE LINED
CHANNEL SECTION**



**TYPICAL ROCK LINED
CHANNEL SECTION**

Notice of Determination**Appendix D**

To: Office of Planning and Research

From: Riverside County Flood Control

For U.S. Mail:

Street Address:

P.O. Box 3044

1400 Tenth Street

Sacramento, CA 95812-3044

Sacramento, CA 95814

1995 Market Street

Riverside, CA 92501

Contact: Teresa TungPhone: 951.955.1233

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

Lead Agency (if different from above):

SUBJECT:**Filing of Notice of Determination in compliance with Section 21108 or 21152 of the Public Resources Code.**State Clearinghouse Number (if submitted to State Clearinghouse): 2010031108**Project Title:**

Day Creek Channel, Stage 6 Phase 2

Project Location (include county)

The proposed project is located along the existing Day Creek Channel within the unincorporated Mira Loma area of Riverside County. The project area is generally bounded by Limonite Avenue to the north, the Santa Ana River to the south, Charles Avenue to the east, and Dana Avenue to the west. USGS "Corona North, California" 7.5 Topographic Quadrangle: Township 2 South, Range 6 West, Section 29.

Project Description


The proposed project entails the construction and subsequent maintenance of a channel extension consisting of combination of rock-lined and concrete-lined channel within approximately 3,800 lineal feet of existing earthen channel. The proposed project consists of approximately 2,700 lineal feet of concrete-lined rectangular channel and approximately 1,100 lineal feet of ungrouted rock-lined trapezoidal channel that would end within the existing golf course channel.

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 May 18, 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 monitoring program table was adopted for this project.
5. A statement of Overriding Considerations was not adopted for this project.
6. Findings were not made pursuant to the provisions of CEQA.

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



Signature (Public Agency)

Board Assistant

Title

May 18, 2010

Date

Original Negative Declaration/Notice of
 Determination was routed to County
 Clerks for posting on.

Date received for filing at OPR:

5/24/10
 Date

kb
 Initial

Revised 2004

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

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

Riverside, California

FINAL

**CEQA
INITIAL STUDY**

**Day Creek Channel, Stage 6 Phase 2
Project**

ZONE 1

May 2010

WARREN D. WILLIAMS
General Manager-Chief Engineer

MITIGATED NEGATIVE DECLARATION

State Clearinghouse Number:
2010031108

Contact Person:
Teresa Tung

Telephone Number:
951.955.1233
Email: ttung@reflood.org

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

Address:
1995 Market Street

City:
Riverside

Zip:
92501

Project Title and Description:
Day Creek Channel, Stage 6 Phase 2 –

The proposed project entails the construction and subsequent maintenance of a combination of rock-lined and concrete-lined channel within approximately 3,800 lineal feet of existing earthen channel. The proposed project consists of approximately 2,700 lineal feet of concrete-lined rectangular channel and approximately 1,100 lineal feet of ungrouted rock-lined trapezoidal channel. The proposed project begins within an existing golf course channel located approximately 1,100 lineal feet downstream of the Lucretia Avenue crossing and ends approximately 600 lineal feet below Limonite Avenue at the existing concrete-lined Day Creek Channel.

Project Location:

The proposed project is located within the unincorporated Mira Loma area of Riverside County. The project area is generally bounded by Limonite Avenue to the north, the Santa Ana River to the south, Charles Avenue to the east, and Dana Avenue to the west. USGS "Corona North, California" 7.5 Topographic Quadrangle: Township 2 South, Range 6 West, Section 29. Upstream of Lucretia Avenue, the project is located within the District's existing Day Creek Channel right of way.


The General Manager-Chief Engineer of the Riverside County Flood Control and Water Conservation District has made a finding that the proposed Day Creek Channel, Stage 6 Phase 2 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: 5/12/10

The Board of Supervisors of the Riverside County Flood Control and Water Conservation District, assembled in regular session on May 18, 2010 has determined that the Day Creek Channel, Stage 6 Phase 2 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: May 18, 2010

Attachment

Copies to: 1) County Clerk
2) Flood Control

Original Negative Declaration/Notice of
Determination was routed to County
Clerks for posting on.

2/24/10
Date

kb
Initial

PN:RS:TT:mcv

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

Day Creek Channel, Stage 6 Phase 2

Table 1

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

Issue	Potential Impact	Project Feature, Environmental Commitment, Avoidance, Minimization, and/or Mitigation Measures	Action	Implementation Responsibility	Governing Agency	Implementation Timing
III. Air Quality	Fugitive dust emissions	III-b. The construction contractor shall be required to control fugitive dust by complying with the applicable provisions of AQMD Rule 403.	Require the contractor to control fugitive dust in accordance with applicable provisions of AQMD Rule 403.	Riverside County Flood Control and Water Conservation District (RCFC & WCD) – Design and Construction Division	South Coast Air Quality Management District (AQMD)	Control fugitive dust throughout the construction period.
IV. Biological Resources	MSHCP Consistency- Section 6.1.2	<p>IV-f. Option 1: Prior to conducting any soil disturbance activity, the District shall purchase watershed based mitigation credits or make payment through an in-lieu fee program for the restoration, creation, or enhancement of 3.1 acres of riparian/riverine area (i.e. approximately 0.01 acre riparian & 3.09 acres riverine).</p> <p style="text-align: center;">OR</p> <p>IV-f. Option 2: The above option may be offset through acquisition of offsite replacement riparian/riverine habitat or the creation/preservation/restoration/enhancement of riparian/riverine habitat, as appropriate.</p>	Ensure that MSHCP compliance measures are scheduled for implementation prior to commencing project construction activity.	RCFC & WCD – Regulatory Division	N/A	Prior to construction

Issue	Potential Impact	Project Feature, Environmental Commitment, Avoidance, Minimization, and/or Mitigation Measures	Action	Implementation Responsibility	Governing Agency	Implementation Timing
IV. Biological Resources	MSHCP Consistency-Section 6.1.6	IV-f. The District shall contribute to MSHCP mitigation through a payment of 3% of the total project capital cost. Such payment may be offset through acquisition of replacement habitat or creation of new habitat for the benefit of Covered Species, as appropriate. See IV-f. Options 1-2 above for more information.				
V. Cultural Resources	Buried cultural resources may be uncovered during excavation	V-a. If any cultural, historical or paleontological resources are discovered within the project limits during excavation activities, ground disturbance in the vicinity of the find shall cease, and a qualified archaeologist, historical resources specialist and/or paleontological resources specialist shall assess the significance of the find and, if necessary, make recommendations for appropriate treatment measures. Any discovered resources that merit long term consideration shall be collected and reported in accordance with current protocols.	If buried cultural or paleontological resources are uncovered, cease excavation near the find and retain a qualified archaeologist, historical resources specialist and/or paleontological resources specialist.	RCFC & WCD – Design and Construction Division	N/A	Until excavation activities are completed or until it is determined that soils being excavated are unlikely to contain significant cultural resource materials
V. Cultural Resources	Human remains may be uncovered during construction	V-d. Pursuant to State Health and Safety Code Section 7050.5, if human remains are unexpectedly encountered during construction, ground disturbance in the vicinity of the find shall cease until the Riverside County Coroner has made a determination of origin and disposition pursuant to	If human remains are uncovered, cease excavation near the find and contact the Riverside County Coroner.	RCFC & WCD – Design and Construction Division	Riverside County Coroner	During initial grading and excavation

Issue	Potential Impact	Project Feature, Environmental Commitment, Avoidance, Minimization, and/or Mitigation Measures	Action	Implementation Responsibility	Governing Agency	Implementation Timing
		<p>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 determine the appropriate 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 Descendent (MLD) for this area. The MLD will then recommend the treatment and disposition of the human 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.</p>				
VII Hazards	Construction activity may uncover potentially hazardous materials.	<p>VII-d. If potentially hazardous materials are encountered in the field during construction, ground disturbance activities in the vicinity of the materials shall cease until a qualified hazardous materials management specialist assesses the potentially hazardous substances and, if necessary, develop appropriate management measures for the treatment and disposal of the materials in accordance with applicable laws and regulations.</p>	<p>If potentially hazardous materials are uncovered, cease ground disturbance near the material until a qualified hazardous materials specialist assesses the material and provides recommendations for their treatment and disposal.</p>	<p>RCFC & WCD – Design and Construction Division</p>	<p>To be determined by hazardous material specialist.</p>	<p>Until excavation activities is completed</p>

Issue	Potential Impact	Project Feature, Environmental Commitment, Avoidance, Minimization, and/or Mitigation Measures	Action	Implementation Responsibility	Governing Agency	Implementation Timing
VII Hazards	Construction activity during the fire season may increase the potential for fires in adjacent vegetated areas.	VII-h. When work is conducted adjacent to flammable vegetation during the fire season (as identified by the Riverside County Fire Department) appropriate fire-fighting equipment (e.g., extinguishers, shovels, water trucks) shall be available onsite during all phases of project construction to help minimize the chance of human-caused wildfires. Shields, protective mats, and/or other fire preventative methods shall be used during grinding, welding, and other spark-inducing activities.	Ensure that the construction contractor implements appropriate measures while working adjacent to flammable vegetation.	RCFC & WCD - Design and Construction Division	N/A	Implement appropriate measures, as needed, into construction activities throughout the construction period.
XI. Noise	The use of heavy equipment during project construction will result in periodic and temporary increased noise levels near a residential area.	XI-b. Use of heavy construction equipment use shall be limited to between the hours of 7 a.m. to 5 p.m. and prohibited on weekends and holidays, unless otherwise approved by the Engineer.	Ensure that construction activity is limited to the prescribed hours.	RCFC & WCD - Design and Construction Division	N/A	During the construction period

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

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

1. **Project title:** Day Creek Channel, Stage 6 Phase 2
2. **Lead agency name and address:** Riverside County Flood Control and Water Conservation District
Attention: Environmental/Regulatory Services I Section
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 Mira Loma area of Riverside County. The project area is generally bounded by Limonite Avenue to the north, the Santa Ana River to the south, Charles Avenue to the east, and Dana Avenue to the west. USGS "Corona North, California" 7.5 Topographic Quadrangle: Township 2 South, Range 6 West, Section 29. Upstream of Lucretia Avenue, the project is located within the District's existing Day Creek Channel right of way. Downstream of Lucretia, the project is located within the existing Goose Creek Golf Club.
5. **Project sponsor's name and address:** N/A
6. **General plan designation:**
The Jurupa Area Land Use Plan from the Riverside County General Plan designates most of the project area as Rural Community Low Density Residential (1/2 acre minimum lot size) with a Commercial Retail overlay along Limonite Avenue. The proposed project site is located within existing District right of way and the Goose Creek Golf Club along the Day Creek Channel.
7. **Description of project:** *(Describe the whole action involved, including but not limited to later phases of the project, and any secondary, support, or offsite features necessary for its implementation. Attach additional sheets if necessary.)*

The proposed project entails the construction and subsequent maintenance of two open channel segments, one rock-lined and one concrete-lined, together totaling approximately 3,800 lineal feet and located within an existing earthen channel. The concrete segment is approximately 2,700 feet in length and the rock-lined segment is approximately 1,100 feet in length. The concrete segment is rectangular in cross-section. The rock-lined segment, which is ungrouted, is trapezoidal in cross-section.

The proposed project begins at the existing Goose Creek Golf Club channel located approximately 1,100 lineal feet downstream of the Lucretia Avenue crossing and ends approximately 600 lineal feet below Limonite Avenue at the existing concrete-lined Day Creek Channel. See enclosed exhibits. Any known interfering utility lines are expected to be relocated during the construction of the proposed project. A new bridge (i.e., reinforced concrete box) will be constructed at Lucretia Avenue together with side drainage facilities that connect to the channel. Refer to enclosed exhibits.

Earlier Analyses Used:

None

Impacts Adequately Addressed in Earlier Analyses:

N/A

Mitigation Measures from Earlier Analysis:

N/A

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

Between Lucretia Avenue and 63rd Street, the proposed concrete channel segment will be constructed along the District's interim Day Creek Channel facility. Downstream of Lucretia Avenue, the rock-lined segment will be constructed within the existing Goose Creek Golf Club which is located within the Santa Ana River 100-year floodplain. Upstream (northerly) of the proposed Stage 6 project, the master planned Day Creek Channel system has been completed within Riverside County.

The Day Creek watershed, which extends from the Santa Ana River to the San Bernardino Mountains, generates an estimated 100-year flow rate of 10,000 cubic feet per second (CFS) according to the Flood Insurance Study (FIS) for Riverside County published by Federal Emergency Management Agency (FEMA). Below Limonite Avenue, much of the area adjacent to the interim channel is mapped as a Special Flood Hazard Area (SHFA) on the currently effective Flood Insurance Rate Map (FIRM).

Within the project area, the existing facility consists of a series of road crossings and sparsely vegetated earthen/rubble-lined channel with insufficient capacity and erosion protection to provide 100-year flood protection. The existing channel is routinely maintained and the District has had to conduct previous emergency repairs due to damages caused by high velocity storm flow. Flows conveyed by the channel typically consist of stormwater runoff. Surrounding land uses consist of mostly rural residential development, golf course, and public roads.

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

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

U.S. Army Corps of Engineers (Corps) – Clean Water Act Section 404 Permit

State Agencies

California Department of Fish and Game (CDFG) – Section 1602 Streambed Alteration Agreement

Regional Water Quality Control Board - Santa Ana Region (RWQCB) – Clean Water Act Section 401 Water Quality Certification

City/County Agencies

Riverside County Transportation Department - Approval of construction activities within County maintained roads

Financing Approval or Participation Agreements

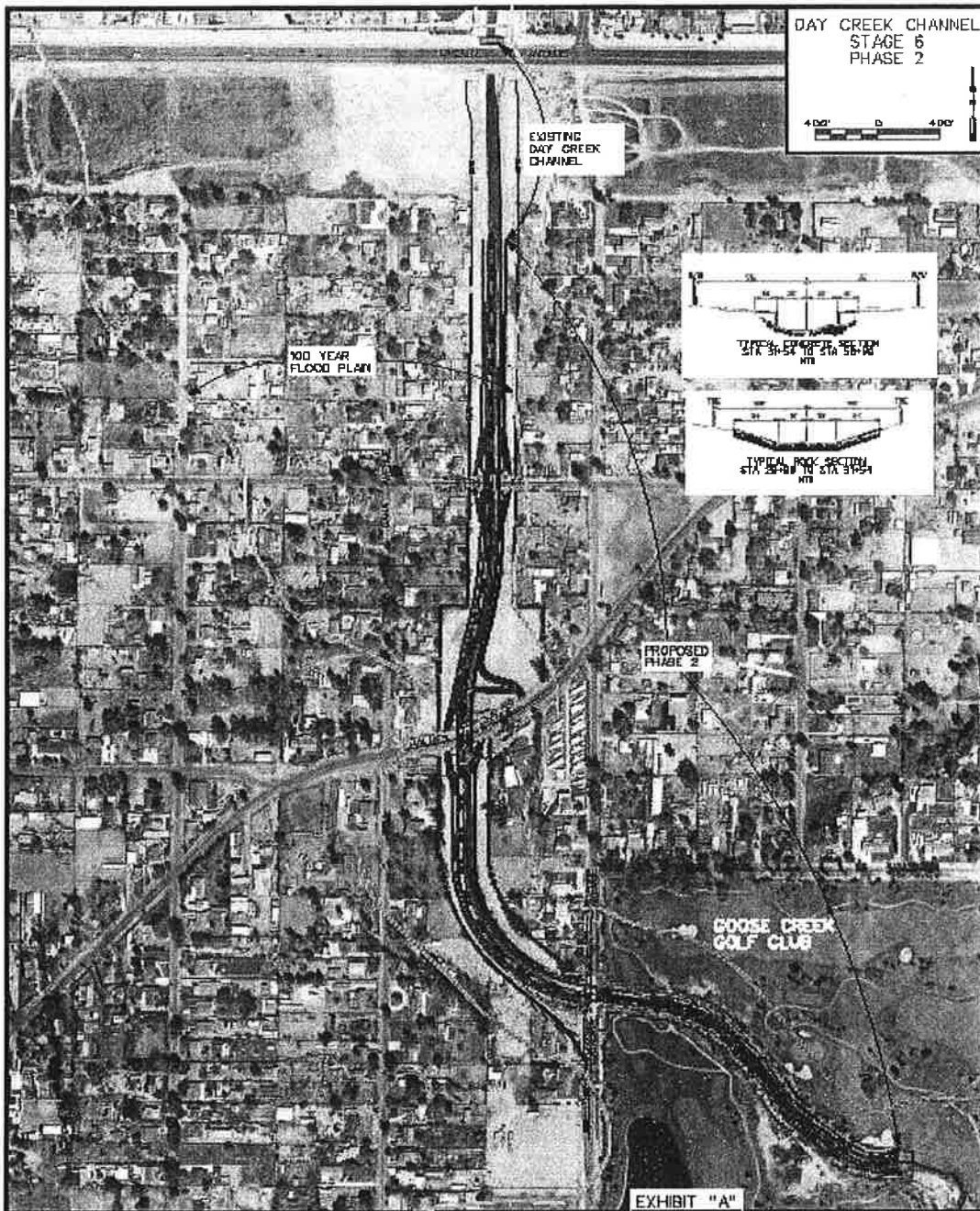
N/A

ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED:

The environmental factors checked below would be potentially affected by this project:

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

Exhibit 'A'



Day Creek Channel, Stage 6 Phase 2



View of existing channel downstream of Lucretia Avenue



View of existing channel upstream of Lucretia Avenue

Potential Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
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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"/> |

III. 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 (including releasing emissions which exceed quantitative thresholds for ozone precursors)? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| d) Expose sensitive receptors to substantial pollutant concentrations? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| e) Create objectionable odors affecting a substantial number of people? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| f) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

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| g) Conflict with any applicable plan, policy, or regulation, of an agency adopted for the purpose of reducing the emissions of greenhouse gasses? | <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 checked="" type="checkbox"/> | <input 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, filling, hydrological interruption, or other means? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites? | <input type="checkbox"/> | <input type="checkbox"/> | <input 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 checked="" type="checkbox"/> | <input type="checkbox"/> |

V. CULTURAL RESOURCES. Would the project:

- | | | | | |
|---|--------------------------|--------------------------|-------------------------------------|--------------------------|
| a) Cause a substantial adverse change in the significance of a historical resource as defined in §15064.5? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature? | <input type="checkbox"/> | <input 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 | <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
based on other substantial evidence of a Known fault? Refer to Division of Mines and Geology Special Publication 42.				
ii) Strong seismic ground shaking?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
iii) Seismic-related ground failure, including liquefaction?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
iv) Landslides or mudflows?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Result in substantial changes in topography, unstable soil conditions from excavation, grading or fill, or soil erosion or the loss of topsoil?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or offsite 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"/>
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"/>

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| h) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where Wildlands are adjacent to urbanized areas or where residences are intermixed? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input 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) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (<i>e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted</i>)? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| c) 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 offsite? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| d) Substantially alter the existing drainage pattern of the site or area, including through the alteration of 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 offsite? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| e) 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"/> |
| f) Substantially degrade water quality, 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 result in 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"/> |
| 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 checked="" type="checkbox"/> | <input type="checkbox"/> |
| i) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| j) Expose people or structures to a significant risk of loss, injury or death involving inundation by seiche, tsunami, or mudflow? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

IX. LAND USE PLANNING. Would the project:

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

X. MINERAL RESOURCES. Would the project:

- | | | | | |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 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"/> |
| b) 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 type="checkbox"/> | <input checked="" 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 (<i>for example, by proposing new homes and businesses</i>) or indirectly (<i>for example, through extension of roads or other infrastructure</i>)? | <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"/> |

	Potential Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
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"/>

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? ☐ ☐ ☐ ☒
- 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? ☐ ☐ ☐ ☒

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*)? ☐ ☐ ☒ ☐
- b) Exceed, either individually or cumulatively, a level of service standard established by the county congestion management agency for designated roads or highways? ☐ ☐ ☐ ☒
- c) Substantially increase hazards due to a design feature (*e.g., sharp curves or dangerous intersections*) or incompatible uses (*e.g., farm equipment*)? ☐ ☐ ☐ ☒
- d) Result in inadequate emergency access? ☐ ☐ ☒ ☐
- e) Result in inadequate parking capacity? ☐ ☐ ☐ ☒

	Potential Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
XVI. UTILITIES AND SERVICE SYSTEMS. Would the project:				
a) Require or result in the construction or relocation of 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 checked="" type="checkbox"/>	<input type="checkbox"/>
b) Require or result in the construction of new stormwater drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Comply with federal, state, and local statutes and regulations related to solid waste?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

XVII. MANDATORY FINDINGS OF SIGNIFICANCE.

a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Does the project have the potential to achieve short-term, to the disadvantage of long-term, environmental goals?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.</i>)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Does the project have environmental effects, which will cause substantial adverse effects on human beings, either directly or indirectly?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

DETERMINATION: (To be completed by the Lead Agency)

On the basis of this initial evaluation:

- ☐ I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
- ☒ I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because the mitigation measures described on an attached sheet have been added to the project. A MITIGATED NEGATIVE DECLARATION will be prepared.
- ☐ I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.
- ☐ I find that the proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets, if the effect is a "potentially significant impact" or "potentially significant unless mitigated." An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.
- ☐ I find that although the proposed project could have a significant effect on the environment, there WILL NOT be a significant effect in this case because all potentially significant effects (a) have been analyzed adequately in an earlier EIR pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR, including revisions or mitigation measures that are imposed upon the proposed project.


Signature

5/12/10
Date

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

ENVIRONMENTAL EVALUATION

I. AESTHETICS. Would the project:

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

No Impact. The proposed project will be constructed along an existing and highly disturbed earthen channel that is surrounded by rural residential development and a golf course. There are no scenic resources located within the proposed project area. Thus, a scenic vista will not be impacted.

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

No Impact. As discussed above in Section Ia, scenic resources are not located within the proposed project area.

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

Less Than Significant Impact. Refer to responses Ia and Ib. The existing channel will be reconstructed as a combination of concrete and rock-lined channel. The existing channel consists of a highly disturbed and sparsely vegetated earthen channel and does not provide substantial visual or scenic resource. Thus, potential impacts will be less than significant.

Id) 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 will not produce any new sources of light or glare, either during construction or operation. Only under extraordinary emergency conditions would the use of artificial lighting be anticipated; however, any impacts would be temporary and, therefore, insignificant.

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:

Iia) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?

No Impact. The proposed project site is not located within areas designated as Prime Farmland, Unique Farmland, or Farmland of Statewide Importance.

Iib) Conflict with existing zoning for agricultural use, or a Williamson Act Contract?

No Impact. The proposed project site does not contain areas zoned for agricultural use or areas subject to a Williamson Act Contract.

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

No Impact. Farmlands do not exist within the project area.

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:

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

Less than Significant Impact. The proposed project construction will result in temporary air emissions from heavy equipment exhaust, construction-related trips by workers and associated fugitive dust generation. Subsequent maintenance of the proposed project is expected to release infrequent and minor air emissions associated with trucks and/or heavy equipment used on an as-needed basis for inspection and/or maintenance purposes. The South Coast Air Quality Management District (AQMD) adopted the 2007 Air Quality Management Plan (AQMP) on June 1, 2007. The 2007 AQMP demonstrates that applicable ambient air quality standards can be achieved within the time frames required under federal law. The 2007 AQMP identifies emission reductions from existing sources and air pollution control measures that are necessary to comply with applicable state and federal ambient air quality standards. As described below, the proposed project will be consistent with existing AQMD rules and will not exceed air quality significance thresholds. Therefore, the proposed project will not conflict with the AQMP or obstruct its implementation.

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

Less Than Significant Impact. The proposed project is located within the South Coast Air Basin, a region that currently exceeds and is in violation of state and national ambient air quality standards with respect to ozone, PM₁₀ and PM_{2.5}. The proposed project includes the construction and subsequent maintenance of approximately 3,800 lineal feet of lined flood control channel. 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 equipment will be diesel-powered and the principal pollutants would be carbon monoxide (CO), reactive organic gases, (ROG), nitrogen oxides (NO_x) and dust (e.g. PM₁₀/PM_{2.5}) particulates. ROG and NO_x are the precursors of ozone (O₃). Table 1 below provides the estimated temporary emissions and the AQMD's suggested CEQA significance thresholds. The long-term maintenance of the proposed flood control facility will only result in infrequent and minor emissions related to the use of trucks and/or heavy equipment. Air pollutant emissions associated with subsequent maintenance activities are expected to be comparatively less than the air emissions associated with current maintenance activities associated with the existing channel. Thus, construction of the project will result in the higher levels of project related emissions due to the use of more equipment and vehicles in a shorter period of time.

Table 1
Estimated Construction Emissions (pounds per day unmitigated)

Criteria Pollutant	AQMD Significance Thresholds for Construction	Project Estimated Construction Emissions for 2010	Project Estimated Construction Emissions for 2011
CO	550	43.8	18.0
ROG	75	10.4	3.9
NO _x	100	95.3	31.7
SO _x	150	0	0
PM ₁₀	150	144.4	141.7
PM _{2.5}	55	33.2	30.8

The estimated construction emissions shown above are based on data derived from the URBEMIS 2007 (version 9.2.4) air pollution emissions model. The URBEMIS Summary Report is included as Appendix 'A' of this document. Construction of the proposed project will be subject to the methodology, equipment selection and phasing selected by the construction contractor. For purposes of running the model, it was assumed that the construction would occur in three phases that would take approximately nine months in total to complete. The first phase is expected to consist of clearing, grubbing and excavating the proposed channel alignment, and is estimated to take seven weeks. The second construction phase is expected to consist of constructing the concrete and rock-lined channel and is estimated to take 20 weeks. The third and final construction phase was assumed to consist of final grading and is estimated to take three weeks. The total disturbance area is estimated to be seven acres. The construction equipment to be used during the first construction phase was assumed to consist of one excavator, two graders, two trucks, one rubber tired dozer, one rubber tired loader, one tractor, loader or backhoe, and one water truck. One crane, four trucks, one pump, and two rubber tired loaders are expected to be used during the second construction phase. The equipment used for the third final grading phase is expected to consist of one grader, one rubber tired dozer, two tractors, loaders or backhoes, and one water truck. The above emission estimates are also based on every piece of equipment operating a full eight hours per day; whereas some equipment is likely to sit idle during the construction process. The estimates are also based on unmitigated emissions. As shown in Table 1 above, the estimated emissions would not exceed AQMD's recommended significance thresholds for all the criteria air pollutants. Dust emissions from grading activities would be reduced through compliance with the applicable provisions of AQMD's Rule 403. Potential impacts will be less than significant. Measure **No. III.b** below and as shown in the enclosed Monitoring Program Table will be incorporated into the project.

III-b. The construction contractor shall be required to control fugitive dust by complying with the applicable provisions of AQMD Rule 403.

IIIc) Result in cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?

Less Than Significant Impact. As discussed above, the temporary construction related emissions will not result in a cumulative considerable net increase in emissions of criteria pollutants.

IIIId) Expose sensitive receptors to substantial pollutant concentrations?

Less Than Significant Impact. The area surrounding the project site does contain residences. As previously discussed, the project will not create substantial pollutant concentrations.

IIIe) Create objectionable odors affecting a substantial number of people?

Less Than Significant Impact. The only potential for project-related odor will be from construction related diesel exhaust. These odors would be transitory and would not create objectionable odors affecting a substantial number of people. The operation and maintenance of the drainage facility will not create any long-term objectionable odors.

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

Less Than Significant Impact. Greenhouse gas (GHG) emissions have been associated with global warming and the resulting potential impacts. On June 1, 2005, Governor Arnold Schwarzenegger signed Executive Order S-3-05 which sets forth a series of target dates by which statewide 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 includes 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 per year and it is very long-lived in the atmosphere. The main source of potential GHG emissions associated with the project is the previously described temporary emissions related to the use of heavy equipment during project construction process. URBEMIS 2007 (version 9.2.4) provides an estimated total CO₂ quantity of 840.6 tons/year (i.e., 764.9 metric tons of CO₂ equivalents per year – MTCO₂ eq/yr) in year 2010 for the temporary project construction emissions. The 2011 project construction emissions and subsequent emissions associated with maintenance activities will be far less than the estimated 2010 construction emissions. Currently, there are no established significance thresholds from federal or state agencies. However, in October 2008, the ARB and AQMD 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. In general, interim GHG threshold of 7,000 and 25,000 MTCO₂ eq/yr is recommended by ARB and AQMD, respectively. The estimated project construction GHG emissions of 764.9 MTCO₂ eq/yr is well below the available interim threshold recommended by the ARB and AQMD. Thus, the proposed project will not generate GHG emissions that would cause significant direct or indirect impacts on the environment.

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

Less Than Significant Impact. As described above, the GHG emissions caused by the proposed project are temporary and insignificant. Thus, the proposed project would not

conflict with any currently adopted plans, policies or regulations established for the purpose of reducing greenhouse gases.

IV. BIOLOGICAL RESOURCES.

- IVa) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?**

No Impact. Dudek & Associates, Inc. conducted various biological surveys on the project site in July and August of 2005. The approved Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP) requires certain habitat assessments and surveys for species covered by the MSHCP. Sensitive, candidate, special status plants or animals were not detected and they are not expected to occur onsite. A focused burrowing owl survey (*Dudek 2008*) was conducted on April 23, 2008 and the project site was found to be unsuitable to support burrowing owls.

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

Less Than Significant Impact. Based on the biological site surveys, the proposed project would impact 0.01 acre of Southern Willow Scrub that is located within the existing golf course channel. Due to the small size, depauperate condition and the urbanized location, this patch of vegetation provides minimal habitat value. The other onsite vegetation communities (i.e., Open Channel, Disturbed/Developed Areas) are not considered sensitive natural communities. Thus, the project will not have a substantial adverse effect on riparian habitat or other natural communities. Also refer to Section IVf below in regard to MSHCP riverine areas.

- IVc) 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?**

Less Than Significant Impact. The proposed project area contains 0.01 acre of Southern Willow Scrub wetland and 3.09 acres of Section 404 non-wetland open channel/open water jurisdictional waters of the United States. These areas are also identified as riverine and riparian areas in the MSHCP, and the potential impacts are analyzed in Section IVf below. As described in Section IVf, potential adverse impacts to regulated jurisdictional features will be less than significant. Any required environmental regulatory permits (e.g. Section 404, 401, and 1602) will be obtained prior to commencing project construction activity.

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

No Impact. The Day Creek Channel, northerly of the proposed project limit to the San Bernardino County line, consists of an existing concrete-lined facility. Within the proposed project limits, the existing channel and adjacent urbanized areas do not provide any native wildlife corridors or native wildlife nursery sites.

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

No Impact. Aside from the protection of riparian/riverine habitat afforded by the MSHCP, the County of Riverside does not have any local policies or ordinances protecting the vegetation communities that occur on the project site. The District implements the provisions of the adopted MSHCP, which is addressed in Section IVf below.

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

Less Than Significant Impact. The County of Riverside adopted the Western Riverside County Multi-Species Habitat Conservation Plan (MSHCP) on June 17, 2003. The USFWS and CDFG issued "take" permits for the MSHCP in June 2004. The District is a MSHCP permittee, and the proposed project must be consistent with the applicable provisions of the MSHCP.

A portion of the proposed project is located within a Criteria Area set forth in and established by the MSHCP; specifically, within Subunit SU1 (Santa Ana River-North) of the Jurupa Area Plan and Cell No. 610. The MSHCP identifies a target conservation range of 30-40 percent of this Cell focusing on the southeastern portion of the Cell. The project lies within the northwest portion of Cell No. 610 and does not impact any area described as necessary for inclusion in the target Conservation Area. The Project has been submitted to and reviewed by the Western Riverside County Regional Conservation Authority (RCA) pursuant to the Joint Project Review (JPR) process. Pursuant to a Criteria Consistency Review letter received from the RCA dated June 2, 2009 (Joint Project Review # 08-04-01-01), it was determined that the project is consistent with both the Criteria and other Plan requirements.

Section 6.1.2 of the MSHCP requires the protection of species associated with riparian/riverine areas and vernal pools. The project site has been surveyed and vernal pools do not exist on the project site. The existing channel contains 0.01 acre of mapped riparian vegetation and 3.09 acres of open channel/open water area, which can be considered as riverine for purposes of the MSHCP. In compliance with the MSHCP, the District prepared a Determination of Biologically Equivalent or Superior Preservation (DBESP) report that describes the alternatives considered during the design process to avoid and minimize impacts to riverine/riparian areas as well as the preferred alternative that would result in unavoidable impacts to these areas. A copy of the October 2009 DBESP report (RCFC 2009) was previously sent to the U.S. Fish and Wildlife Service and the California Department of Fish and Game, and is on file at the District office. A summary of the referenced DBESP report is provided below.

The proposed project entails the construction and subsequent maintenance of a combination of rock-lined and concrete-lined channel within approximately 3,800 lineal feet of existing earthen channel. The proposed project consists of approximately 2,700 lineal feet of concrete-lined rectangular channel and approximately 1,100 lineal feet of ungrouted rock-lined trapezoidal channel that would end within the existing golf course channel. As with the existing channel, the proposed channel system will convey surface runoff to the existing golf course channel.

Hydraulic analysis was performed on the proposed project to determine the feasibility of: 1) minimizing the impervious area footprint; 2) minimizing direct connection of impervious

areas to downstream riparian areas; and 3) conserving natural areas. Various channel alternatives (e.g., earthen channel, earthen bottom with concrete-lined sideslope channel, grass lined/vegetated channel and ungrouted rock-lined channel) were evaluated and found to be either infeasible or would not provide adequate erosion protection, velocity reduction and 100-year flood protection within the existing right-of-way and geographical constraints. The proposed channel system design was optimized to accommodate the various aspects of the project including hydraulic function and capacity, water quality, infiltration capacity, right-of-way constraints and economic feasibility. The proposed channel system will effectively reduce the amount of erosion that may occur along the existing earthen channel during peak flows. The proposed ungrouted channel segment located downstream of Lucretia Avenue within the golf course channel will reduce flow velocities, minimize erosion and allow some infiltration to occur. Based on the hydraulic analysis performed, the exit velocities downstream of the proposed rock-lined trapezoidal channel will be equivalent to the pre-project conditions. Therefore, the downstream riparian areas are not expected to change substantially due to the proposed project.

The proposed concrete-lined channel section between Lucretia Avenue and the existing upstream reach of Day Creek Channel may reduce the level of intermittent riverine functions associated with physical structure diversity within the existing channel. The proposed concrete-lined channel will have less topographic complexity and less diverse types of physical surfaces and features than the existing channel. A reduction in physical complexity may reduce potential use by aquatic and riparian species. However, this potential impact is tempered by the fact that, at best, the existing disturbed channel provides only minimal riverine functions and habitat. One of the following options will be incorporated into the proposed project to ensure that the proposed project is consistent with MSHCP Section 6.1.2:

VI-f. Option 1: Prior to conducting any soil disturbance activity, the District shall purchase watershed based mitigation credits or make payment through an in-lieu fee program for the restoration, creation, or enhancement of 3.1 acres of riparian/riverine area (i.e. approximately 0.01 acre of riparian & 3.09 acres of riverine).

OR

VI-f. Option 2: The above option may be offset through acquisition of offsite replacement riparian/riverine habitat or the creation/preservation/restoration/enhancement of new riparian/ riverine habitat, as appropriate.

Although the proposed concrete-lined channel between Lucretia Avenue and the existing upstream Day Creek Channel may degrade the already minimal riverine functions of the existing channel, the project as a whole will reduce erosion, improve water quality and provide a conveyance system that is functionally equivalent to the existing disturbed channel. Furthermore, the MSHCP options described above will provide biologically equivalent or superior riverine/riparian preservation within the watershed for the life of the project. Therefore, the project is consistent with Section 6.1.2 of the MSHCP.

The proposed project is consistent with the Narrow Endemic Plant Species requirements of the MSHCP. Pursuant to Section 6.1.3 of the MSHCP, habitat assessments and/or focused surveys for certain narrow endemic plant species are required for properties within mapped survey areas. The survey area maps included within the MSHCP have been reviewed and the project is partially located within the survey areas for San Diego ambrosia, Brand's phacelia, and San Miguel savory. A habitat assessment was conducted and it was

determined that suitable habitat for the above plant species does not occur on the project site. Therefore, no further assessments and/or surveys or conservation measures are required (Joint Project Review # 08-04-01-01, dated June 2, 2009 and Biological Resources Report prepared by Dudek, dated March 2006).

The project is consistent with the Database Updates/Additional survey requirements of the MSHCP. Pursuant to Section 6.3.2 of the MSHCP, habitat assessments and/or focused surveys for certain additional plant and animal species are required for properties within mapped survey areas. The survey area maps have been reviewed and the project is partially located within mapped survey area for the Burrowing Owl. Habitat assessments and focused surveys were conducted for the Burrowing Owl pursuant to accepted protocol as indicated in the Survey Report on Burrowing Owl prepared by Dudek for the Project, dated May 27, 2008. The focused surveys conducted on the Project site concluded that there is no suitable Burrowing Owl habitat on the project site. Therefore, no further surveys or conservation measures are required.

The project is consistent (Joint Project Review # 08-04-01-01, dated June 2, 2009 and the DBESP Analysis Report prepared by District staff, dated October 2009) with the Urban/Wildlands Interface Guidelines established by the MSHCP. Pursuant to Section 6.1.4 of the MSHCP, projects in close proximity to the MSHCP Conservation Area are required to incorporate mechanisms to address indirect effects to the MSHCP Conservation Area. The project is located adjacent to the MSHCP Conservation Area, and the project has been designed to address the guidelines set forth in Section 6.1.4. The project has incorporated certain features and measures in order to ensure compliance with Section 6.1.4 of the MSHCP.

The project is consistent with the Guidelines for Facilities within the Criteria Area and Public/Quasi-Public Lands. Specifically, the District will consider and implement all applicable construction guidelines and best management practices set forth in Section 7.5.3 and Appendix C of the MSHCP, respectively.

To ensure consistency with MSHCP Section 6.1.6 Provision B under County Flood Control Obligations:

VI-f. The District shall contribute to MSHCP mitigation through a payment of 3% of the total project capital cost. Such payment may be offset through acquisition of replacement habitat or creation of new habitat for the benefit of covered species, as appropriate. See IV-f Options 1-2 above.

Based on the above analysis, the proposed project is consistent with the MSHCP.

V. CULTURAL RESOURCES. Would the project:

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

Less Than Significant Impact. The project site consists of a previously disturbed open channel that lacks any apparent cultural resources. A cultural resource record search was received from the Eastern Information Center (EIC) on May 7, 2008. The EIC record search states that eight cultural resource studies have been conducted within a quarter-mile radius of the project area. Three of these involved and one was adjacent to the project area. No cultural resources were recorded within or adjacent to the project area during these past

studies. The EIC also consulted the National Register of Historic Places (NRHP), the California Office of Historic Preservation (OHP), and the 1947 USGS 15' topographic map. The OHP and NRHP did not include any listed properties within the project area. The 1947 USGS map indicates the presence of possible historical structures or features within the project area. Since the project area consists of a previously disturbed open channel that is subject to frequent erosive stormwater flows, unknown cultural resources would only be uncovered while excavating during project construction process. Based on the available information, known historic resources do not occur within the project area and potential impacts will be less than significant. To ensure that any accidentally uncovered cultural resources are properly evaluated and documented, the following condition will be incorporated into the project:

V-a If any cultural, historical or paleontological resources are discovered within the project limits during ground disturbing activities, ground disturbance in the vicinity of the find shall cease, and a qualified archaeologist, historical resources specialist and/or paleontological resources specialist shall assess the significance of the find and, if necessary, make recommendations for appropriate treatment measures. Any discovered resources that merit long term consideration shall be collected and reported in accordance with current protocols.

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

Less Than Significant Impact. Based on the EIC record search, recorded archaeological sites do not occur within the project area. A Sacred Lands File (SLF) search was received from the Native American Heritage Commission (NAHC) on May 5, 2008. The SLF failed to indicate the presence of Native American cultural resources in the immediate project area, however the NAHC states that the project site is in close proximity to previously discovered prehistoric burial sites. This information does not preclude the potential for uncovering buried cultural resources during construction. In accordance with the NAHC recommendations, all the Indian tribes in the region were contacted regarding information that they may have concerning Native American cultural resources in the project area. The Soboba Band of Luiseño Indians concluded that the project site falls within the bounds of their Tribal Traditional Use Area and requested further consultation. The District sent copies of the record searches to the Soboba Band of Luiseño Indians for their consideration. This Initial Study will be forwarded to the Soboba Band of Luiseño Indians during the CEQA public review process as well. The proposed flood control project does not involve a city or county specific plan or general plan action. Therefore, the proposed project 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. Based on available information, potential impacts will be less than significant. To ensure that any accidentally uncovered cultural resources are properly evaluated and documented, the previously described condition Va will be incorporated into the project.

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

Less Than Significant Impact. The Riverside County GIS mapping indicates that the project site is within an area of high paleontological sensitivity (High A) based on geologic formations or mappable rock units that contain fossilized body elements and trace fossils such as tracks, nests and eggs. Thus, there is potential that buried paleontological resources could be uncovered during construction. However, the project site consists of a previously

disturbed open earthen channel that is unlikely to contain any detectable paleontological resources on the surface. To ensure that potential impacts remain less than significant, the previously described condition V-a will be incorporated into the project.

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

Less Than Significant Impact. Based on the cultural resource record search and the disturbed site conditions, it is unlikely that human remains are located within the proposed project area. In the unlikely event that human remains are accidentally uncovered on the project site, the following condition will ensure that potential impacts remain less than significant.

V-d Pursuant to State Health and Safety Code Section 7050.5, if human remains are unexpectedly encountered during construction, ground disturbance 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 determine the appropriate 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 Descendent (MLD) for this area. The MLD will then recommend the treatment and disposition of the human 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. Would the project:

Via) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury or death involving:

i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to the Division of Mines and Geology Special Publication 42.

No Impact. A geotechnical investigation of the proposed project was completed and a report (C.H.J. Incorporated August 2005) was prepared on August 23, 2005. The geotechnical report states that the project site is not located within or adjacent to Alquist-Priolo Earthquake Fault Zone. No evidence of active faulting was observed during the geologic field reconnaissance.

ii) Strong seismic groundshaking?

Less Than Significant Impact. The Chino-Central fault is located 7 ½ miles southwest of the project site, the northern portion of the Elsinore fault zone is located 10 miles to the southwest, the Whittier fault is located 11 ½ miles to the southwest, the Cucamonga fault is located 13 ½ miles to the north, the San Bernardino segment of the San Jacinto fault zone is located 14 ½ miles to the northeast, and the San Andreas fault zone is located 19 ½ miles northeast of the project site. Consequently, the project site is subject to seismic groundshaking. The geotechnical report contains recommendations to ensure that the proposed channel is able to withstand estimated groundshaking. In the event that the

channel sustains any seismic groundshaking related damages, it is expected to be evaluated and repaired, if needed, as part of the District's operation and maintenance activities.

iii) Seismic-related ground failure including liquefaction?

Less Than Significant Impact. The Riverside County GIS indicates that the project site is located in an area with High to Very High liquefaction potential. The geotechnical exploratory borings found that groundwater was located at depths of 31 and 35 feet. The geotechnical report includes an analysis of the liquefaction potential based on soil type, estimated groundshaking, and groundwater depth. The report concludes that the potential for liquefaction during a major seismic event is negligible.

iv) Landslides or mudflows?

No Impact. The project site is not located near hillsides or other terrain that is susceptible to landslides or mudflows.

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

Less Than Significant Impact. During the construction process, unstabilized areas will be more susceptible to erosion during storms that generate runoff. However, potential soil erosion will be avoided or minimized by implementing an effective combination of erosion and sediment control measures as required by the applicable provisions of the NPDES General Permit for Stormwater Discharges Associated with Construction Activity (Construction General Permit). The geotechnical report contains a number of recommendations, such as over excavation and re-compaction of the soil, to ensure that the proposed channel is constructed upon stable soils. The access roads adjacent to the rectangular channel will be covered with a base material to minimize erosion, to reduce maintenance and to provide safe access for maintenance purposes.

VIc) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or offsite landslide, lateral spreading, subsidence, liquefaction or collapse?

Less Than Significant Impact. The potential for liquefaction is addressed above in Section VIa. The Riverside County GIS indicates that the project site is susceptible to subsidence. The geotechnical report did not identify any such soil conditions and concludes that the proposed project is feasible, provided that the recommendations in the report are implemented during design and construction. In the event that the channel sustains any damages, it is expected to be evaluated and repaired, if needed, as part of the District's operation and maintenance activities.

VIId) 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. The geotechnical analysis evaluated the suitability of the soils in the project area. The report did not identify expansive soils and concludes that the proposed project is feasible in regard to soil stability provided that the recommendations in the report are implemented during design and construction.

- VIe) 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 does not include septic tanks or other wastewater facilities.

VII. HAZARDS AND HAZARDOUS MATERIALS. Would the project:

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

Less Than Significant Impact. The construction and subsequent maintenance of the proposed project does not involve the routine use or transport of hazardous materials beyond the short-term use of petroleum-based fuels, lubricants, pesticides and other similar materials during construction and the occasional transport and use of these materials during the subsequent maintenance phase. Standard protocols and BMPs will ensure the proper handling and storage of these materials. During the construction phase, it is expected that small quantities of these materials will be transported, stored and used onsite in accordance with applicable state, federal and local laws regulating the management and use of hazardous materials. Thus, the project will not create a significant hazard to the public or environment through the routine transport, use, or disposal of hazardous materials.

- VIIb) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?**

Less Than Significant Impact. Refer to response VIIa) above.

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

No Impact. Refer to response VIIa) above. There is not an existing or proposed school within a ¼ mile of the project site.

- VIIId) Be located on a site, which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?**

No Impact. An online record search of available databases (i.e., Department of Toxic Substances Control's Hazardous Waste and Substances List (Cortese List), State Water Resources Control Board Leaking Underground Storage Tank (LUST) Geotracker, EPA EnviroMapper database) indicates that listed hazardous material sites are not located within or adjacent to the project area. Construction of the proposed project will include excavation. In the unlikely event that unknown potentially hazardous materials are uncovered during excavation, such materials will be handled in accordance with the following measure:

VII-d If potentially hazardous materials are encountered in the field during construction, ground disturbance activities in the vicinity of the materials shall cease until a qualified hazardous materials management specialist assesses the potentially hazardous substances and, if necessary, develop appropriate management measures for the treatment and disposal of the materials in accordance with applicable laws and regulations.

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

No Impact. The project site is not located within an airport land use plan or within an area that may be affected by an airport.

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

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

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

Less Than Significant Impact. The re-construction of the Lucretia Avenue road crossing will require a temporary road closure for a period of approximately one month. The proposed project includes a traffic control plan to ensure that adequate detours and alternative access routes are provided during the temporary road closure. The road closure will be coordinated with the Riverside County Transportation Department and public safety agencies will be notified in advance of the closure. Thus, the proposed project will not impair the implementation of, or physically interfere with, an adopted emergency response plan or emergency evacuation plan.

- VIIh) 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?**

Potentially Significant Unless Mitigation Incorporated. The proposed project does not include the construction of any occupied structures. During the construction process, construction equipment will be used to clear the watercourse and any associated vegetation downstream of Lucretia Avenue. While most of the vegetation in the channel downstream of the project site consists of riparian vegetation and is unlikely to ignite easily, there will be an increased potential for wildfire during construction. To ensure that potential impacts remain less than significant, the following mitigation measure will be incorporated into the project:

VII-h. When work is conducted adjacent to flammable vegetation during the fire season (as identified by the Riverside County Fire Department) appropriate fire-fighting equipment (e.g., extinguishers, shovels, water trucks) shall be available onsite during all phases of project construction to help minimize the chance of human-caused wildfires. Shields, protective mats, and/or other fire preventative methods shall be used during grinding, welding, and other spark-inducing activities.

VIII. HYDROLOGY AND WATER QUALITY. Would the project:

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

Less Than Significant Impact. The proposed project consists of the construction, operation and maintenance of an engineered channel facility that will convey stormwater to the Santa Ana River 100-year floodplain. The Santa Ana River, Reach 3, is listed as an impaired

water body for pathogens on the Clean Water Act Section 303(d) list. The proposed project will not create new sources of stormwater pollution. During construction, there is potential for the temporary discharge of pollutants from the construction site. The District will implement the appropriate 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) including new development requirements. Although this project is not subject to the Water Quality Management Plan (WQMP) requirements, the District is required to consider applicable site and source control BMPs described in the Drainage Area Management Plan (DAMP). Further discussion of the application of these requirements is provided in Section VIII f below. Compliance with the above programs/permits will ensure that the project would not violate any water quality standards or waste discharge requirements.

VIIIb) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?

Less Than Significant Impact. The proposed project will not result in the withdrawal or use of groundwater. The proposed project will be constructed within an existing stormwater conveyance system that does not provide substantial groundwater recharge due to the steeply sloping terrain. The downstream reach of the proposed project consists of a rock-lined channel section with milder longitudinal slope that will allow for some recharge to occur. Therefore, the proposed project will not deplete groundwater supplies or interfere with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level.

VIIIc) 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 offsite?

Less than Significant Impact. The proposed project will not alter the existing drainage pattern or cause an increase in runoff. The existing earthen channel is currently subject to reoccurring erosion caused by high velocity flows. The proposed concrete-lined channel upstream of Lucretia Avenue will reduce potential erosion and thereby minimize downstream siltation. The proposed 1,100 lineal-foot rock-lined channel section downstream of Lucretia Avenue is designed to allow for low-flow infiltration and to reduce the velocity of flows as they exit the engineered channel section. Based on the hydraulic analysis performed for various peak discharges, the exit velocity downstream of the proposed rock-lined channel will be equivalent to the pre-project condition. Thus, the proposed project will not increase the frequency, amount, or velocity of downstream stormwater discharges. Potential changes in erosion or siltation patterns on- or offsite will be less than significant.

VIId) Substantially alter the existing drainage pattern of the site or area, including through the alteration of a watercourse or wetland, 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. Overall, the proposed project maintains the drainage pattern of the existing earthen channel and will not substantially increase the rate or amount

of surface water runoff. The proposed project will eliminate the overbank flooding that would otherwise occur during the 100-year peak flow event within the reach from the existing Day Creek Channel improvements (located approximately 600 feet downstream of Limonite Avenue) and Lucretia Avenue. Below Lucretia, stormwater flows will continue to outlet onto the existing golf course and into the Santa Ana River 100-year floodplain. Thus, the proposed project will ensure that floodwaters are collected and conveyed through the project area and delivered to the mapped floodplain.

VIIIe) 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 is an extension of a planned stormwater drainage system. As previously discussed, the proposed project will not create or contribute new sources of stormwater runoff or polluted runoff. The proposed rock-lined outlet channel will reduce velocities prior to discharging flows into the existing golf course channel.

VIII f) Substantially degrade water quality, 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 result in substantial changes to surface water quality including, but not limited to, temperature, dissolved oxygen, pH, or turbidity?

Less Than Significant Impact. Both the existing channel and the proposed project function as a conveyance system to transport stormwater runoff to the Santa Ana River 100-year floodplain. Consistent with the requirements of the Santa Ana Municipal Stormwater (MS4) Permit, the feasibility of incorporating applicable site design BMPs into the proposed project that would minimize the impervious footprint, minimize directly connected impervious areas and conserve natural areas was considered during design process. This was accomplished by examining project alternatives that would provide greater infiltrative capacity than channelization projects with impervious lining. However, due to the hydraulic constraints imposed by the road crossings at 64th Street, Holmes Avenue and Lucretia Avenue, alternative channel sections were deemed infeasible within the upper reach of the project.

Downstream of Lucretia Avenue, the proposed project includes a 1,100-foot rock-lined trapezoidal channel section designed to minimize erosion, reduce exit velocities, provide infiltration and reduce pollutant transport. The proposed project could also benefit water quality by eliminating the reoccurring erosion that takes place within the existing earthen channel. The potential discharge of stormwater pollutants will also be minimized to the maximum extent practicable as described in Section VIIIa. Based on the above information, the proposed project is not expected to substantially degrade water quality, result in substantial discharges of stormwater pollutants or substantial changes in surface water quality.

VIIIg) 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 project does not include the construction of any housing. Once constructed, the project will contain the 100-year flood discharge (Base Flood) between

Limonite and Lucretia Avenues; thereby removing dozens of existing structures from the current Day Creek Special Flood Hazard Area (100-year floodplain).

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

Less Than Significant Impact. As shown on enclosed Exhibit "A", the proposed project site is located within a FEMA mapped Special Flood Hazard Area (SFHA) for both Day Creek and the Santa Ana River. The proposed project will provide increased channel capacity and erosion protection from high velocity flows along Day Creek Channel. The proposed channel will be designed to convey the FEMA estimated 100-year peak flow through the project area and outlet into an existing golf course located within the Santa Ana River 100-year floodplain. The project will significantly reduce the areal extent of the SFHA adjacent to the existing Day Creek Channel; the project is a flood hazard mitigation measure and will be designed and constructed in accordance with the applicable FEMA requirements and will not impede or redirect flood flows.

VIIIi) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?

No Impact. Within the project area, the proposed project will reduce flood risk and exposure associated with the Day Creek Channel and watershed. The proposed channel will be designed to convey the estimated Day Creek 100-year peak flow past Lucretia Avenue and outlet into an existing golf course channel within the Santa Ana River 100-year floodplain. Although the project is not intended to mitigate the risk of loss, injury or death resulting from the failure of a levee or dam, it would likely provide some incidental benefit in the event of a levee or dam failure.

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

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

IX. LAND USE PLANNING. Would the project:

IXa) Physically divide an established community?

No Impact. The proposed open channel will be constructed along the alignment of an existing open channel. Thus, the proposed project will not physically divide an established community.

IXb) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?

No Impact. The project area is located within the unincorporated Riverside County and generally subject to the land use policies of the County of Riverside. The proposed project will not conflict with any land use designations or policies adopted for the purpose of avoiding or mitigating an environmental effect.

IXc) Conflict with any applicable habitat conservation plan or natural community conservation plan?

Less Than Significant Impact. The proposed project is subject to the Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP). As previously described in Section IVf, the proposed project is consistent with the MSHCP.

X. MINERAL RESOURCES. Would the project:

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

No Impact. The proposed project site consists of an existing open channel that does not contain a known mineral resource.

Xb) Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?

No Impact. Refer to previous response in Section Xa).

XI. NOISE. Would the project result in:

XIa) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other standards of other agencies?

Less Than Significant Impact. The proposed flood control project will not create long-term sources of noise. Temporary noise related to construction and subsequent maintenance activities is discussed below.

XIb) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?

Potentially Significant Unless Mitigation Incorporated. The project site is generally surrounded by a rural residential area that is subject to noise generated by traffic on adjacent roadways. The use of heavy equipment during construction and subsequent maintenance will result in temporary increased noise levels near the residential area. The total project construction period is expected to last approximately nine months. The actual duration of construction activity adjacent to an individual's residence will be less than nine months.

Existing residences that are located adjacent to the proposed project site (existing channel) will be temporarily exposed to the increased noise levels and possible ground vibration during project construction. Subsequent operation and maintenance of the proposed project is expected to generate infrequent and minor increased noise levels associated with trucks and/or heavy equipment used on an as-needed basis for inspection or maintenance purposes. Therefore, the long-term operation and maintenance of the proposed project would not result in a significant increase in noise levels. However, to ensure that potential adverse impacts remain less than significant during construction process, the following mitigation measure will be incorporated into the project:

XI-b Use of heavy construction equipment shall be limited to between the hours of 7 a.m. to 5 p.m. and prohibited on weekends and holidays, unless otherwise approved by the Engineer.

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

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

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

Potentially Significant Unless Mitigation Incorporated. The use of heavy equipment during construction will result in a temporary increase in ambient noise levels. Residences located adjacent to the existing channel will likely experience increased noise levels. These increases will be temporary and will be limited to daylight hours with the incorporation of the previously described mitigation measure. Please refer to Section XIb) above. With the incorporation of the proposed mitigation measure, potential impacts will be less than significant.

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

No Impact. The proposed project area is not located within an airport land use plan or within two miles of a public airport or public use airport.

- XIf) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?**

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

XII. POPULATION AND HOUSING. Would the project:

- XIIa) Induce substantial population growth in an area, either directly (*for example, by proposing new homes and businesses*) or indirectly (*for example, through extension of roads or other infrastructure*)?**

No Impact. The proposed project does not include the construction of homes or businesses that could directly induce population growth. The proposed project will provide improved flood protection to developed areas adjacent to the project site. Since these areas are already developed, substantial population growth inducement is not expected.

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

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

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

No Impact. Refer to response in Section XIIb.

XIII. PUBLIC SERVICES.

XIIIa) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the following public services:

Fire protection?

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

Police protection?

No Impact. Refer to response in Section XIIIa.

Schools?

No Impact. The proposed project will not impact any existing or proposed schools.

Parks?

No Impact. The proposed project will not impact any existing or proposed parks.

Other public facilities?

No Impact. Public roads and flood control facilities are the only public facilities that may be impacted by the proposed project. Once completed, the proposed project will reduce the potential for flood damages to public roads and existing flood control facilities located in the vicinity of the project area. Thus, the need to maintain and repair public facilities due to flood associated damage will be reduced correspondingly. Other public facilities will not be impacted by the proposed project.

XIV. RECREATION

XIVa) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?

No Impact. The proposed flood control facility will not increase the use of existing neighborhood/regional parks or other recreational facilities.

XIVb) Does the project include recreational facilities or require the construction or expansion of recreational facilities, which might have an adverse physical effect on the environment?

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

XV. TRANSPORTATION AND TRAFFIC. Would the project:

- XVa) 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. The proposed channel will be constructed along an existing open channel and will not cause a permanent increase in traffic volume. The two-lane Lucretia Avenue will be subject to temporary road/lane closure for approximately one month during project construction. Temporary street and lane closures during construction will be kept to a minimum and coordinated with the Riverside County Transportation Department. Construction workers and other construction related vehicles traveling to the project site would temporarily increase traffic volume during the construction period. Due to the relatively short construction period and the associated minor amount of increased traffic, the temporary increase in traffic will not substantially change existing levels of traffic.

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

No Impact. The proposed project will not result in any permanent changes in traffic levels. Refer to response in Section XVa above.

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

No Impact. The proposed project will not increase hazards due to a design feature, sharp curves or dangerous intersections or incompatible uses. Any temporary street and lane closures during construction will be kept to a minimum and coordinated with the Riverside County Transportation Department.

- XVd) 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 project construction is expected to result in the temporary closure of Lucretia Avenue. However, the proposed project will include the implementation of a traffic control plan to ensure that an acceptable detour route is provided by adjoining roads. The traffic control plan will be coordinated with the Riverside County Transportation Department as well. Once completed, the proposed project will reduce the frequency of road closures at Lucretia Avenue due to recurring road washouts.

- XVe) Result in inadequate parking capacity?**

No Impact. The proposed project will not affect any existing parking facilities or increase the need for additional parking facilities. Temporary parking related to construction activities is typically available on or adjacent to the construction site.

XVI. UTILITIES AND SERVICE SYSTEMS. Would the project:

- XVIa) 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?**

Less Than Significant Impact. The proposed project will not increase the need for new or expanded water or wastewater treatment or transmission facilities. Existing local water, sewer lines and other utility lines are located within the project area. Relocation of the existing utility lines is expected to occur within the project area during construction of the proposed project. The utility line relocation will also be coordinated with the appropriate utility company. Thus, the environmental impacts associated with utility line relocations would not exceed the project impacts that are described in this document.

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

No Impact. The proposed project is a flood control improvement project that is located within an existing drainage facility. The construction of additional drainage facilities is not anticipated.

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

No Impact. The proposed project will not require the long-term use of water supplies. The proposed project will only require the temporary use of water during construction. Existing water supplies are expected to be adequate.

- XVI 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?**

No Impact. The proposed project will not result in any wastewater discharges or require wastewater treatment services.

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

No Impact. The proposed project may generate a limited amount of solid waste during construction. In addition, subsequent maintenance may involve occasional trash and debris removal from the facility. However, the limited amount of solid waste generated during construction and subsequent maintenance of the project would not be substantial or interfere with the capacity of nearby existing solid waste disposal facilities.

- XVI f) Comply with federal, state, and local statutes and regulations related to solid waste?**

No Impact. Any waste disposal that is required during project construction or maintenance will be done in compliance with the appropriate statutes and regulations.

XVII. MANDATORY FINDINGS OF SIGNIFICANCE.

XVIIa) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?

Less Than Significant Impact. As described by this Initial Study, potential impacts to the environment, wildlife, vegetation and cultural resources will be less than significant or will be mitigated to a level of insignificance.

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

No Impact. As shown by this Initial Study, the proposed project will not result in significant adverse impacts to long-term environmental goals.

XVIIc) Does the project have impacts that are individually limited, but cumulatively considerable? (*"Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.*)

Less Than Significant Impact. As previously discussed in this document, potential adverse impacts such as noise and air quality are temporary. The proposed Day Creek Channel, Stage 6 Phase 2 project will complete the District's master planned Day Creek Channel. Thus, potential cumulative impacts related to the construction of additional channel stages will not occur. The emission of greenhouse gases and potential global warming impacts are typically viewed as a potential long-term cumulative impact. Based on the discussion in the Air Quality Section of this Initial Study, the proposed project will not result in a cumulatively considerable global warming impact. Due to the relatively small impact area and the relatively short construction period, potential impacts would not be cumulatively considerable.

XVIId) 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 previously in this document, the construction of the proposed project will temporarily increase noise levels to those persons who reside near the existing channel. With the incorporation of the mitigation measures described in Section XI, potential noise impacts will be less than significant. Other potential adverse impacts to human beings are not expected to occur.

INITIAL STUDY CHECKLIST REFERENCE LIST

1. County of Riverside General Plan, October 2003
2. Geotechnical Investigation Proposed Day Creek Channel, Stage 6 Project, CHJ Inc., January 20, 2006
3. Hazardous Waste and Substance Sites List (SWRCB Geotracker Database Search), June 11, 2009
4. Biological Resources Report, Dudek, Inc., March 2006
5. Survey Report on the Burrowing Owl, Dudek Inc. May 27, 2008
6. Cultural Resources Records Search, Eastern Information Center, May 7, 2008
7. Sacred Lands File Search, Native American Heritage Commission, May 5, 2008
8. MSHCP Joint Project Review (JPR # 08-04-01-01), Regional Conservation Authority, June 2, 2009
9. MSHCP Section 6.1.2 Determination of Biologically Equivalent or Superior Preservation, Riverside County Flood Control and Water Conservation District, October 2009

Comment Letters
&
Responses



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DEPARTMENT OF FISH AND GAME
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ARNOLD SCHWARZENEGGER, Governor
DONALD KOCH, Director



April 23, 2010

Ms. Teresa Tung
Riverside County Flood Control and
Water Conservation District
1995 Market Street
Riverside, CA 92501

Re: Mitigated Negative Declaration – Day Creek Channel, Stage 6 – Phase 2
SCH 2010031108

Dear Ms. Tung:

The Department of Fish and Game (Department) appreciates this opportunity to comment on the Mitigated Negative Declaration (MND) for the Day Creek Channel, Stage 6 – Phase 2 flood control project. The Department is responding as a Trustee Agency for fish and wildlife resources [Fish and Game Code sections 711.7 and 1802 and the California Environmental Quality Act Guidelines (CEQA) section 15386] and as a Responsible Agency regarding any discretionary actions (CEQA Guidelines section 15381), such as a Lake and Streambed Alteration Agreement (Section 1600 *et seq.*) or a California Endangered Species Incidental Take Permit (Fish and Game Code Sections 2080 and 2080.1).

For this project the Department will be acting as both a Responsible and Trustee Agency. As per section 15096 of the California Environmental Quality Act statute, as a Responsible Agency the Department is obligated to focus its comments on any shortcomings in the Environmental Impact Report (EIR) or Negative Declaration (ND), the appropriateness of using a negative declaration, and additional alternatives or mitigation measures which the EIR should include.

The project involves the construction and maintenance of a combination rock-lined and concrete-lined channel within approximately 3,800 lineal feet of existing earthen channel. 2,700 lineal feet of channel will be concrete-lined from Lucretia Avenue up to about Limonite Avenue. 1,100 lineal feet of ungrouted rock-lined trapezoidal channel will be constructed downstream of Lucretia Avenue.

Conserving California's Wildlife Since 1870

Approximately 1,000 lineal feet of the stream between the Santa Ana River and the end of the rock-lined segment of channel will be left as is.

Department Comments

The questions that the Department has asked for clarification primarily concern the Department's role as a Responsible Agency under CEQA. The Department's comments pertain to the following areas: lack of project history, necessity for the project, lack of analysis of impacts on the golf course stream downstream of the channelization, lack of alternatives and mitigation measures to reduce project impacts and lack of analysis of impacts on potential Santa Ana sucker habitat.

Project impacts to jurisdictional waters and riparian vegetation require a 1602 Lake and Streambed Alteration Agreement (Agreement) from the Department. The impact analysis in the MND is not sufficient for the Department as a Responsible Agency in the issuance of an Agreement.

The Department recommends the MND include a revised and complete analysis of the direct, indirect, and cumulative impacts to the project area relative to the quality of the habitat and opportunities for "in kind" mitigation. The Department recommends identifying the proposed mitigation sites and their respective habitats, and including a graphic of the sites in the DEIR. The Department recommends incorporating the mitigation recommendation of a one hundred meter buffer area for flood channels and intermittent streams noted in the document above.

The Department requests that the Riverside County Flood Control and Water Conservation District (RCFC/WCD) respond to the following comments in a subsequent re-issued MND:

1. The use of stormwater retention basins between Lucretia Avenue and Limonite Avenue as a method of reducing stream flood flows, including the vacant parcels south of Limonite and west of the stream channel;
2. An analysis of the Day Creek stream system from the headwaters to the Santa Ana River and measures that can be taken to reduce flood flows within the stream system;
3. The history of overbank channel flooding and flood water retention between Limonite Avenue and Lucretia Avenue;
4. An explanation of the configuration of the flood plain between Lucretia Avenue and Limonite Avenue and an explanation of the area designated as a "Special Flood Hazard Area" on the Flood Insurance Rate Map;
5. A discussion of the FEMA Flood Insurance Rate Maps and whether they are up to date and what flood control projects have occurred in the watershed to alter the designation;

6. The impact of the proposed project on the use of the Goose Creek outlet to the Santa Ana River as a tributary for Santa Ana sucker and other wildlife;
7. An analysis of the potential impact of the proposed project on a mitigation site at the proposed terminus of the rock-lined channel in Goose Creek Golf Course and a 40-acre conservation easement at the confluence of the creek with the Santa Ana River;
8. An analysis of the proposed project's impact on the stretch of natural stream in Goose Creek Golf Course in terms of erosion, sedimentation and urban runoff;
9. The effect of the proposed project on the conjunction of Goose Creek with the Santa Ana River;
10. Measures to be taken to reduce the velocity of stormwater upstream of the golf course;
11. An analysis of potential impacts from urban runoff pollutants on the portion of stream that is proposed to remain intact;
12. Discuss the difference between the 10,000 cfs capacity of the proposed concrete-lined channel and the 4,000 cfs capacity of the proposed rock-lined channel in the Goose Creek Golf Course.

In an ideal situation, this project would be viewed in the context of the watershed. However, most of Day Creek within San Bernardino County above the project site has already been channelized. Day Creek is an excellent example of project piecemealing, i.e., submitting parts of a flood control master plan without discussing future anticipated projects. Stream floodplains are eliminated. The end result is that implementation of one flood control project provides the rationale for the next downstream flood control project. Neither cumulative impacts nor the impact on the entire stream system and ecology are considered.

If this project is constructed, the only remaining natural portion of Day Creek will be the 1,000 lineal feet connecting to the Santa Ana River. If the existing pattern of flood control projects holds true, this 1,000 lineal feet will also be proposed for channelization because of future erosion problems directly related to the proposed project.

For this reason, the Department is focusing on potential downstream impacts in the Goose Creek Golf Course due to upstream channelization. In the existing situation sediment from the earthen channel is carried in non-extreme flood events and deposited in the downstream channel in the golf course. Accumulated sediment is then flushed out to the river during major flood events. Once channelization occurs this sediment will no longer be available for transport. In the document submitted for the Determination of Biologically Equivalent or Superior Preservation (DBESP) report, the County states that the remaining 1,000 lineal feet of earthen channel connecting to the Santa Ana River may be a source of sediment during high flows, i.e., erosion. Currently erosion is occurring in the portion of the creek downstream of Lucretia Avenue as a result of high flows.

If the proposed channelization causes erosion in the earthen channel post project implementation, then it is likely that the golf course or the County would come back with a further plan to channelize the remaining non-channelized stream through the golf course. This is a foreseeable consequence of the development and should be analyzed in detail. The Department is opposed to further channelizing tributaries to the Santa Ana River because these tributaries serve a vital function for native fish and wildlife.

The project also has water quality implications. The existing earthen channel above and below Lucretia Avenue currently serves to filter out non-sediment pollutants contained in urban runoff. If this project is completed, urban runoff will be taken directly to the concrete channel and deposited in the rock-lined and earthen portions of the channel in Goose Creek Golf Course and then into the Santa Ana River.

The DBESP states that the Phase 2 components are designed to convey the 100-year flow of 10,000 cubic feet per second (cfs) to the Santa Ana River 100 year floodplain, i.e., the active Santa Ana River channel. The DBESP further states that the proposed channel system downstream of Lucretia Avenue is designed to convey 4,000 cfs. The MND needs to discuss this reduction in flood flow and inform the Department as to what happens to the flood flows above 4,000 cfs.

Multiple Species Habitat Conservation Plan (MSHCP)

The project is located within the boundary of the Western Riverside Multiple Species Habitat Conservation Plan (MSHCP) and is subject to the provisions and resource protection policies of that plan. The MSHCP is a Natural Communities Conservation Plan that provides coverage for 146 species and up to 510,000 acres. Participants in the MSHCP are issued take authorization for covered species and do not require Federal or State Endangered Species Act Permits.

The proposed project is located within the Western Riverside Multiple Species Habitat Conservation Plan (MSHCP). A Determination of Biologically Equivalent or Superior Preservation (DBESP) was submitted originally for Phase I (Limonite Avenue area) and again for Phase 2.

Streambed Alteration Agreements and CEQA

The Riparian/Riverine policy in the MSHCP differs from the requirements of the Department's Lake and Streambed Alteration Agreement program (Agreement). The MSHCP policy is habitat based. The Department retains jurisdiction over the bed, bank and channel of any stream, regardless of vegetation. It is possible for a project to have different mitigation requirements for the MSHCP and an Agreement for the same resources.

The proposed development would impact 3 acres of State jurisdictional stream. Therefore, a 1602 Lake and Streambed Alteration Agreement is required. As noted in the "Department Comments" section, the document is not adequate for the Department's purposes in issuing an Agreement.

If the CEQA documents do not fully identify potential impacts to lakes, streams, and associated resources and provide adequate avoidance, mitigation, monitoring, funding sources, a habitat management plan and reporting commitments, additional CEQA documentation may be required prior to execution (signing) of the Agreement. In order to avoid delays or repetition of the CEQA process, potential impacts to a stream or lake, as well as avoidance and mitigation measures need to be discussed within this CEQA document.

The Department opposes the elimination of drainages, lakes and their associated habitats. The Department recommends avoiding the stream and riparian habitat to the greatest extent possible. Any unavoidable impacts need to be compensated with the creation and/or restoration of in-kind habitat either on-site or off-site at a minimum 3:1 replacement-to-impact ratio, depending on the impacts and proposed mitigation. Additional mitigation requirements through the Department's Streambed Alteration Agreement process may be required depending on the quality of habitat impacted, proposed mitigation, project design, and other factors.

We recommend submitting a notification early on, since modification of the proposed project may be required to avoid or reduce impacts to fish and wildlife resources. To obtain a Streambed Alteration Agreement notification package, please call (562) 430-7924.

The following information will be required for the processing of a Streambed Alteration Agreement and the Department recommends incorporating this information to avoid subsequent CEQA documentation and project delays:

- 1) Delineation of lakes, streams, and associated habitat that will be temporarily and/or permanently impacted by the proposed project (include an estimate of impact to each habitat type);
- 2) Discussion of avoidance measures to reduce project impacts; and,
- 3) Discussion of potential mitigation measures required to reduce the project impacts to a level of insignificance.

Section 15370 of the CEQA guidelines includes a definition of mitigation. It states that mitigation includes:

- 1) Avoiding the impact altogether by not taking a certain action or parts of an action,
- 2) Minimizing impacts by limiting the degree or magnitude of the action and its implementation,

- 3) Rectifying the impact by repairing, rehabilitating, or restoring the impacted environment,
- 4) Reducing or eliminating the impact over time by preservation and maintenance operations during the life of the action,
- 5) Compensating for the impact by replacing or providing substitute resources or environments.

In the absence of specific mitigation measures in the CEQA documents, the Department believes that it cannot fulfill its obligations as a Trustee and Responsible Agency for fish and wildlife resources. Permit negotiations conducted after and outside of the CEQA process deprive the public of its rights to know what project impacts are and how they are being mitigated in violation of CEQA Section 15002. Also, because mitigation to offset the impacts was not identified in the CEQA document, the Department does not believe that the Lead Agency can make the determination that impacts to jurisdictional drainages and/or riparian habitat are "less than significant" without knowing what the specific impacts and mitigation measures are that will reduce those impacts.

Thank you for this opportunity to comment. Please contact Robin Maloney-Rames at (909) 980-3818, if you have any questions regarding this letter.

Sincerely,


Jeff Brandt

Senior Environmental Scientist

Responses to Comment Letter from the California Department of Fish and Game (Department) dated April 23, 2010.

Department Summary Comments: *"The Department's comments pertain to the following areas: lack of project history, necessity for the project, lack of analysis of impacts on the golf course stream downstream of the channelization, lack of alternatives and mitigation measures to reduce project impacts on potential Santa Ana sucker habitat." "The Department requests that the Riverside County Flood Control and Water Conservation District (RCFC/WCD) respond to the following comments in a subsequent re-issued MND"*

The Department letter also lists twelve (12) comments for which the District has responded to in detail below.

District responses to the Department comments pertain to the following general areas:

Department Comment: *"Project History"*

District Response: There is an extensive system of existing flood control and drainage facilities extending approximately 14.5 miles from the northerly boundary of the proposed project limit to the base of the San Gabriel Mountains in San Bernardino County. This extensive Day Creek system includes the ultimate channelized facility with a combination of debris dam, spreading grounds and basins. The proposed project is the terminus channel segment for the existing multi-county (i.e., San Bernardino County and Riverside County) planned system, which has been planned and constructed over a 30 year period, to outlet into the Santa Ana River floodplain. The District has owned the channel right of way upstream of Lucretia Avenue since the late 1940s.

Department Comment: *"Necessity for the project"*

District Response: The proposed project is located within a Federal Emergency Management Agency (FEMA) mapped Special Flood Hazard Area (SFHA) for both Day Creek and the Santa Ana River. The proposed project is designed to remove existing residential development from the designated SFHA for Day Creek by conveying the estimated 100-year flow rate within the channel section and outlet into an existing golf course located within the FEMA mapped Santa Ana River 100-year floodplain.

Department Comment: *"Lack of analysis of impacts on the golf course stream downstream of the channelization"*

District Response: Sections IVa) and IVd) of the IS/MND address potential biological impacts to listed/other sensitive wildlife species. Sections VIIIc) and VIId) of the IS/MND address potential changes in drainage patterns that could potentially affect downstream areas. As described in the IS/MND and the responses below, potential impacts are expected to be less than significant.

Department Comment: *"Lack of alternatives and mitigation measures to reduce project impacts"*

District Response: As discussed in more detail below, the existing constraints severely limit the range of feasible alternatives that can be utilized to further reduce velocities. As described in the circulated IS/MND, the District evaluated a number of alternatives to determine if any further avoidance or minimization of impacts to riverine/riparian areas were possible. When it was

determined that further minimization or avoidance were infeasible, the District developed compensatory mitigation measures, which are described in the IS/MND, to ensure that project impacts are reduced to a less than significant level.

Department Comment: *"Lack of analysis of impacts on potential Santa Ana sucker habitat"*

District Response: As described in Response No. 6 below, the Day Creek system in Riverside County does not have sufficient base flows to support Santa Ana sucker and the project area is not known to be occupied or suitable habitat. CEQA Guidelines Section 15125 clarify that the environmental setting is conditions that exist at the time the environmental analysis is commenced. This environmental setting will normally constitute the baseline physical conditions by which a lead agency determine whether an impact is significant. Based on the CEQA baseline conditions used in the IS/MND, the proposed project will not impact existing Santa Ana sucker habitat.

Department Comment: *"The Department requests that the Riverside County Flood Control and Water Conservation District (RCFC/WCD) respond to the following comments in a subsequent re-issued MND"*

District Response: Section 15073.5 of the CEQA Guidelines specifies the circumstances under which a Negative Declaration or a Mitigated Negative Declaration must be recirculated prior to its adoption by the CEQA Lead Agency. CEQA Guidelines Section 15073.5 (c)(4) states that new information that clarifies a previously circulated IS/MND does not require recirculation. The District's response to comments provided below merely provides clarification to the IS/MND that was previously circulated for public review and comment. Thus, pursuant to CEQA Guidelines Section 15073.5(c)(4), the District determines that recirculation of the IS/MND is not required.

The Department requests that the District respond to the following twelve (12) comments:

Comment No. 1

"The use of stormwater retention basins between Lucretia Avenue and Limonite Avenue as a method of reducing stream flood flows, including the vacant parcels south of Limonite Avenue and west of the stream channel."

Response No. 1

As described in detail in Response No. 2 below, there is an existing Day Creek flood control and drainage system located immediately upstream of the proposed Day Creek Stage 6 Phase 2 project (project). This existing Day Creek system includes a fully channelized facility with a combination of debris dam, spreading grounds and basins. The debris dam, spreading grounds and basins serve to significantly reduce debris and peak flows for the Day Creek watershed and have been in operation for many years. As shown in Exhibit "A" of the IS/MND, the proposed project is located within a Federal Emergency Management Agency (FEMA) mapped Special Flood Hazard Area (SFHA) for both Day Creek and the Santa Ana River. The proposed project is designed to remove the Day Creek SFHA from the existing residential development adjacent to the existing Day Creek Channel by conveying the estimated 100-year flow rate of 10,000 cfs through the project area and outlet into an existing golf course located within the FEMA mapped Santa Ana River 100-year floodplain. The referenced vacant parcels are constrained by Limonite Avenue and other existing development. The currently vacant area would not provide adequate volume to detain/attenuate the amount of flows needed to significantly reduce the 100-year peak flow rate due to various factors such as size, location, topography constraints, etc. Even if the 100-year peak flow rate could be reduced by half

from 10,000 cfs to 5,000 cfs, the hydraulic properties, and grade of the existing channel would still result in erosive velocities that would require concrete-lining for safety purposes. Thus, the use of basins to reduce flow rates is not a feasible alternative to reduce any of the potential impacts already disclosed in the CEQA document.

Comment No. 2

"An analysis of the Day Creek stream system from the headwaters to the Santa Ana River and measures that can be taken to reduce flood flows within the stream system"

Response No. 2

San Bernardino County: The headwaters of Day Creek Channel originate from the San Bernardino National Forest within San Bernardino County. The existing Day Creek system in San Bernardino County includes a fully channelized system with the following components 1) A debris dam located below the mouth of Day Creek Canyon, 2) The Day Creek Spreading Grounds – receives flows from the debris dam and from a channel turnout, 3) Day Creek Basin - receives flow via a turnout from the channel to the basin, 4) Wineville Basin - a flow-through basin whereas the entirety of Day Creek Channel flows are routed through the basin. The combined debris dam, spreading grounds and basins serve to reduce debris and flow rates within the Day Creek system, and have been in operation for many years. The Riverside County Flood Control and Water Conservation District's authority of the Day Creek system does not extend into San Bernardino County. In addition, this reach of the Day creek system falls beyond the scope of the District's proposed project.

Riverside County: Between the northerly boundary of the proposed project and the Riverside/San Bernardino County Line, the Day Creek Channel consists of the ultimate channelized system that serves as an outlet facility for the existing Riverside Basin. The Riverside Basin is located just downstream of the county line and is owned and operated by the San Bernardino County Flood Control District (SBFCD). The Riverside Basin is a retention facility with significant storage capacity that does not have a low-flow outlet. Thus, storm flows from the upper watershed only reach the District's portion of the Day Creek system following significant rainfall events (e.g. 25-year storms).

The Day Creek peak discharge has already been reduced to the maximum extent practicable by the series of upstream as-built basins. No further reduction of the 100-year peak discharge is practicable due to the large amount of additional basin footprint area that would be needed within developed areas and areas that have other planned land uses.

The proposed project is the final link to a multi-county planned system that has been planned and constructed over many years. Between the SBFCD debris dam near the headwaters and the upstream end of the proposed project, there is approximately 14.5 miles of existing ultimate Day Creek Channel system. The total length of the proposed project is 0.7 of a mile. Thus, the proposed project is negligible when viewed in the context of the overall watershed. The evaluation of the watershed does not result in significant new information that would require the preparation of a subsequent CEQA document.

Comment No. 3

"The history of overbank channel flooding and flood water retention between Limonite Avenue and Lucretia Avenue."

Response No. 3

Historic aerial photos taken from the 1950s show the reach of Day Creek between Limonite and Lucretia Avenues as a swale. Ground photos taken during major storm events of March 1938 and January-February 1969 show flood induced damages along the swale and surrounding areas. All roadways which crossed the path of swale were severed in the January-February 1969 storm events. Ground photos taken during the January 1980 storm event show inundated roadways and residential houses within this reach of the proposed project. The flood control right of way in this reach was initially acquired in the late 1940s and the interim earthen channel was created in the 1980s to provide some degree of flood damage reduction to the adjacent residential development and public roads as a temporary solution.

Comment No. 4

"An explanation of the configuration of the flood plain between Lucretia Avenue and Limonite Avenue and an explanation of the area designated as "Special Flood Hazard Area" on the Flood Insurance Rate Map."

Response No. 4

The FEMA Flood Insurance Rate Maps for the project area show the Special Flood Hazard Area designation as Zone AE (Base Flood Elevations determined) and Zone X for the reach from Limonite Avenue to Lucretia Avenue. The 100-year floodplain that is delineated on Exhibit "A" in the CEQA Initial Study is based on the 100-year floodplain information currently available from FEMA. The width of the floodplain is based on the 100-year flow rate and the topography. Special Flood Hazard Areas (SFHA) are high risk areas with a 1% annual chance of flooding and a 26% chance of flooding over the life of a 30-year mortgage. Mandatory flood insurance purchase requirements apply to these areas.

Comment No. 5

"A discussion of the FEMA Flood Insurance Rate Maps and whether they are up to date and what flood control projects have occurred in the watershed to alter the designation."

Response No. 5

The current floodplain of Day Creek near the confluence of the Santa Ana River is mapped on FEMA's FIRM 06065C0681G, 06065C0683G and 06065C0684G, all with an effective date of August 2008. Day Creek Channel, Stage 6 Phase 1 project was completed in 2006 and includes the reach from Limonite to 600 feet downstream of Limonite. A floodplain map revision was not processed for these channel improvements. The District is not aware of any flood control projects that would alter the FEMA mapped floodplain in the proposed project area.

Comment No. 6

"The impact of the proposed project on the use of the Goose Creek outlet to the Santa Ana River as a tributary for Santa Ana sucker and other wildlife."

Response No. 6

Section IVa) of the IS/MND addresses potential impacts to listed and other sensitive wildlife species. Section IVd) of the IS/MND addresses wildlife corridors for wildlife and fish species. As described in the IS/MND, listed species are not known to occupy the project area or to use it as a corridor.

The known occupied habitat of the Santa Ana Sucker is generally located in areas with perennial flowing water along the Santa Ana River. The proposed project area is not located within the Santa Ana River perennial flow channel. The Day Creek Channel does not have perennial or reliable

intermittent flow due to the fact that storm water runoff is the primary source of flows. In addition, the ponded conditions near the Santa Ana River/Day Creek confluence are likely to exclude the potential for Santa Ana Sucker to be found in Day Creek. As described, the proposed project is expected to have no impact to Santa Ana Sucker or other sensitive wildlife species.

Comment No. 7

"An analysis of the potential impact of the proposed project on a mitigation site at the proposed terminus of the rock-lined channel in Goose Creek Golf Course and a 40-acre conservation easement at the confluence of the creek with the Santa Ana River."

Response No. 7

Both of the mitigation site and the conservation easement are located downstream, but outside of the Project limits. The conservation easement area is located along the Santa Ana River approximately 1,600 lineal feet downstream from the Santa Ana River/Day Creek confluence. Sections VIIIc) and VIIIId) of the IS/MND address potential changes in drainage patterns that could potentially affect downstream areas. As described in the IS/MND, the proposed project is not expected to increase the frequency, quantity, or velocity of flows exiting the proposed channel. The proposed riprap lined channel/outlet structure is specifically designed and necessary to reduce velocities prior to outletting into the existing golf course channel located within the Santa Ana River floodplain. As described in the IS/MND, potential impacts are expected to be less than significant.

Comment No. 8

"An analysis of the proposed project's impact on the stretch of natural stream in Goose Creek Golf Course in terms of erosion, sedimentation and urban runoff."

Response No. 8

A review of the aerial photographic record clearly indicates that the existing Day Creek Channel in the Project area is not a natural stream. Prior to the construction of various upstream improvements, Day Creek flows did not follow a defined flow path and was more ephemeral. Overtime, the upstream channelization and adjacent development has created a defined watercourse in the proposed project reach.

Sections VIIIc) and VIIIId) of the IS/MND address potential changes in drainage patterns that could impact downstream areas. As described in the IS/MND, the proposed project is not expected to increase the frequency, quantity, or velocity of stormwater exiting the proposed channel. The proposed riprap lined channel/outlet structure is specifically designed and necessary to reduce velocities in downstream areas. As described in the IS/MND, potential impacts are expected to be less than significant.

Comment No. 9

"The effect of the proposed project on the conjunction of Goose Creek with the Santa Ana River."

Response No. 9

Sections VIIIc) and VIIIId) of the IS/MND and District Comments Nos. 7-8 address potential changes in drainage patterns that could potentially impact downstream areas. As described in the IS/MND and the previous responses, potential impacts are expected to be less than significant.

Comment No. 10

"Measures to be taken to reduce the velocity of stormwater upstream of the golf course."

Response No. 10

District staff investigated various alternatives analysis to the proposed project configuration to determine if there are feasible alternatives that could reduce velocities before reaching the existing golf course channel downstream of Lucretia Avenue.

In order to reduce velocities within the proposed Day Creek Channel upstream of Lucretia Avenue, the base width of the proposed channel width would need to be widened. The project is currently constrained by two existing bridges, one at Holmes Avenue and the other at 64th Street. Widening the base width beyond the proposed 40 feet would require both existing bridges to be removed and reconstructed at substantially higher cost. The exit velocity of the channel flow at Lucretia Avenue would need to be at or below 6 feet per second in order to make bioengineering or other non-structural alternatives viable in the golf course channel. To achieve that velocity and assuming a flow depth of 11 feet, the proposed channel downstream of the existing bridges would need to be approximately 150 feet wide, which is almost 4 times of what is currently proposed. This widened channel section would not fit within the existing right-of-way and would impact adjacent home sites, including removal of three occupied residences. The proposed crossing at Lucretia Avenue would need to be a more costly bridge instead of a reinforced concrete box culvert. The downstream channel through the golf course would also need to be widened to transition to this larger channel section and would have an adverse significant impact to the existing golf course downstream of Lucretia Avenue. The wider channel impacts to the golf course would include a new bridge crossing for carts, reconfiguring or shortening of at least 3 holes, disturbing or eliminating several tee boxes and a green. In addition, a longer transition back to the existing condition would be necessary.

Another way to reduce channel velocities would be to reduce the slope of the proposed channel improvements. The proposed concrete lined rectangular channel's profile slope matches the existing natural grade and ranges from 0.0042 to 0.0077. Flattening the proposed slope enough to reduce velocities to non-erosive magnitude would require drop structures to be used to match existing grades. However, slowing the lower velocities would also increase the depth of flow, requiring a deeper channel to be constructed. Lowering the channel invert is not feasible since this would require substantial modification of the existing footings and/or bridges.

District staff also evaluated the feasibility of using structural methods for velocity reduction similar to those used for dam spillways. Immediately upstream of the proposed improvements, Day Creek Channel is an existing concrete lined rectangular channel and has a slope of 2.5%. Per the *Hydraulic Design of Stilling Basins and Energy Dissipaters* manual, there are several basin types that may be used to reduce channel velocities. The proposed channel improvements include a concrete lined rectangular channel which is similar to a Type I basin, Horizontal Apron. Based on the hydraulic models, it would at best produce a mild jump which will not dissipate the energy and provide non-erosive velocities. Adding a Stilling Basin Type III with baffle blocks and end sill downstream of the existing improvement is not applicable since the design parameters are not satisfied. The design criterion specifies that a maximum unit discharge of 200cfs per foot of width can be used. Day Creek is currently over 800 cfs per foot of width with a 100-year design flow rate of 10,000 cfs and a channel base width of 40 feet. Using a baffled chute is not applicable either since the maximum unit discharge of 60 cfs is exceeded.

Not being able to reduce the velocities within the concrete lined rectangular channel requires the riprap outlet channel/structure at the downstream end be used for that purpose. To be clear, the District has no interest in reclamation of Santa Ana River floodplain area downstream of Lucretia Avenue. Nor is the channel downstream of Lucretia intended to convey the 10,000 cfs Day Creek 100-year design flow rate. The proposed design allows flows to be gradually decelerated by the increased roughness of the rock lined channel. As flows decelerate, they will spread into the overbank areas within the golf course as they have historically taken place. The proposed rock lined channel closely matches the plan-form of the existing "improved" golf course channel but differs in that it is designed to remain structurally stable in the long-term period. A bioengineering alternative with vegetated slopes is not recommended due to the destructive force of the high velocities exiting the concrete lined channel. Such a channel would likely require reconstruction of bed and banks after any significant runoff event.

In summary, feasible alternatives that would reduce velocities and allow substantial modifications to the proposed rock-lined trapezoidal channel downstream of Lucretia Avenue are not available to the District.

Comment No. 11

"An analysis of potential impacts from urban runoff pollutants on the portion of stream that is proposed to remain intact."

Response No. 11

Sections VIIIc), VIIIId), and VIIIIf) of the IS/MND and District Comments Nos. 7-8 address potential changes in drainage patterns that could potentially impact downstream areas. The proposed project in and of itself will not create a new source of urban runoff pollutants. Furthermore, the proposed project includes 1,100 feet of rock-lined channel/outlet structure specifically designed to minimize erosion, reduce exit velocities, and provide infiltration. As described in the IS/MND and the previous responses, potential impacts to downstream areas are expected to be less than significant.

Comment No. 12

"Discuss the difference between the 10,000 cfs capacity of the proposed concrete-lined channel and the 4,000 cfs capacity of the proposed rock-lined channel in the Goose Creek Golf Course."

Response No. 12

For alternative analysis purposes, the proposed project was divided into Reach 1 and Reach 2. Reach 1, which extends from 600 feet downstream of Limonite to Lucretia Avenue, has a 100-year flow rate of 10,000 cfs which was used for the project design. Reach 2 is located downstream of Lucretia Avenue on the private property of Goose Creek Golf Course. As shown on the FIRM panels, Reach 2 is located within the FEMA mapped Santa Ana River floodplain limits. During a 100-year storm event, Reach 2 will be submerged by the Santa Ana River floodplain. When inundated, Reach 2 cannot effectively convey Day Creek's 100-year peak flow rate of 10,000 cfs. Therefore, Reach 2 is designed to convey only a portion of Day Creek's 100-year peak flow rate. A design flow rate of 4,000 cfs was used for the channel design alternatives of Reach 2 which would convey flows from the Reach 1 improvements to the existing earthen golf course channel. So the flows over 4,000 cfs are assumed to be inundated by the larger Santa Ana River floodplain and are not accounted for in the outlet channel/structure design.

Department's CEQA Comment:

"Permit negotiations conducted after and outside of the CEQA process deprive the public of its rights to know what project impacts are and how they are being mitigated in violation of CEQA Section 15002. Also, because mitigation to offset the impacts was not identified in the CEQA document, the Department does not believe the Lead Agency can make the determination that impacts to jurisdictional drainages and/or riparian habitat are "less than significant" without knowing what the specific impacts and mitigation measures are that will reduce those impacts."

District Response:

CEQA is a separate process from any of the regulatory permitting process. A biological resources report was prepared for the proposed project, and a jurisdictional delineation (JD) was included as part of the report. The JD describes the areas that are considered jurisdictional by the Department. The issue of jurisdictional features are also addressed in Section IVc) of the IS/MND. The IS/MND describes the area of impact to jurisdictional features and states that any required environmental regulatory permits (e.g., Section 404, 401, and 1602) will be obtained prior to commencing project construction activity. A Section 1602 application package, dated April 13, 2010, has been submitted to the Department.

As discussed in Section IVf) of the IS/MND, the District is a permittee under the Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP). Section 6.1.2 of the MSHCP specifically addresses riparian/riverine areas and associated species. The Section 6.1.2 riparian/riverine areas are the same areas that are subject to the Department's Section 1602 jurisdiction. In compliance with the MSHCP, the District prepared a Determination of Biologically Equivalent or Superior Preservation (DBESP) analysis (dated October 2009) that analyzed the riparian/riverine impacts and the appropriate mitigation. A copy of the DBESP analysis was sent on October 7, 2009 to the U.S. Fish and Wildlife Service and the California Department of Fish and Game (collectively as Wildlife Agencies) for a 60-day review/comment period. No comment was received from the Wildlife Agencies. Therefore, project-related impacts to jurisdictional riparian/riverine areas have been adequately disclosed, analyzed and mitigated in the CEQA document circulated for public and agency review. On May 5, 2010 the District met with staff from the Department, the Santa Ana Regional Water Quality Control Board, the U.S. Fish and Wildlife Service, and the U.S. Army Corps of Engineers. At the May 5th meeting, the project constraints and environmental concerns were discussed in detail. As a result, it is expected that the IS/MND will be adequate under CEQA and that any jurisdictional impacts and associated mitigation will be resolved during the regulatory permitting process.



ARNOLD SCHWARZENEGGER
GOVERNOR

April 27, 2010

STATE OF CALIFORNIA
GOVERNOR'S OFFICE of PLANNING AND RESEARCH
STATE CLEARINGHOUSE AND PLANNING UNIT



CYNTHIA BRYANT
DIRECTOR

RECEIVED
MAY 03 2010

Teresa Tung
Riverside County Flood Control and Water Conservation
1995 Market Street
Riverside, CA 92501

RIVERSIDE COUNTY FLOOD CONTROL
AND WATER CONSERVATION DISTRICT

Subject: Day Creek Channel, Stage 6 Phase 2 Project
SCH#: 2010031108

Dear Teresa Tung:

The State Clearinghouse submitted the above named Mitigated Negative Declaration to selected state agencies for review. The review period closed on April 22, 2010, and no state agencies submitted comments by that date. This letter acknowledges that you have complied with the State Clearinghouse review requirements for draft environmental documents, pursuant to the California Environmental Quality Act.

Please call the State Clearinghouse at (916) 445-0613 if you have any questions regarding the environmental review process. If you have a question about the above-named project, please refer to the ten-digit State Clearinghouse number when contacting this office.

Sincerely,

Scott Morgan
Acting Director, State Clearinghouse

1400 10th Street P.O. Box 3044 Sacramento, California 95812-3044
(916) 445-0613 FAX (916) 323-3018 www.opr.ca.gov

**Document Details Report
State Clearinghouse Data Base**

SCH# 2010031108
Project Title Day Creek Channel, Stage 6 Phase 2 Project
Lead Agency Riverside County Flood Control and Water Conservation

Type MND Mitigated Negative Declaration
Description The proposed project entails the construction and subsequent maintenance of a combination of rock-lined and concrete-lined channel extension within ~3,600 lineal ft of existing earthen channel. The proposed project consists of ~2,700 lineal ft of concrete-lined rectangular channel and ~1,100 lineal ft of ungrouted rock-lined trapezoidal channel that would end within the existing golf course channel.

Lead Agency Contact

Name Teresa Tung
Agency Riverside County Flood Control and Water Conservation
Phone 951-955-1233 **Fax**
email
Address 1995 Market Street
City Riverside **State** CA **Zip** 92501

Project Location

County Riverside
City
Region
Lat / Long
Cross Streets Lucretia Ave & 66th St
Parcel No. 157061031, 157062008, 157141002, 157142020, 157210018
Township 2S **Range** 6W **Section** 29 **Base** SBB&M

Proximity to:

Highways SH 15
Airports
Railways
Waterways Santa Ana River
Schools
Land Use Flood Control Channel/Rural Community

Project Issues

Reviewing Agencies Resources Agency; Department of Conservation; Department of Fish and Game, Region 6; Department of Parks and Recreation; Department of Water Resources; Office of Emergency Management Agency, California; Caltrans, District 8; State Water Resources Control Board, Division of Water Quality; Regional Water Quality Control Board, Region 6; Native American Heritage Commission; State Lands Commission

Date Received 03/24/2010 **Start of Review** 03/24/2010 **End of Review** 04/22/2010

Note: Blanks in data fields result from insufficient information provided by lead agency.

State Clearinghouse

Response

The letter confirms that the CEQA document was transmitted to the State agencies for review in accordance with CEQA.

Appendix 'A'

11/10/2009 9:19:55 AM

Urbemis 2007 Version 9.2.4

Summary Report for Summer Emissions (Pounds/Day)

File Name: C:\Winnt\Profiles\sheppea.000\Application Data\Urbemis\Version9a\Projects\Day Creek Channel Stage 6 Phase 2.urb924

Project Name: Day Creek Channel Stage 6 Phase 2

Project Location: Riverside County

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

Off-Road Vehicle Emissions Based on: OFFROAD2007

CONSTRUCTION EMISSION ESTIMATES

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5</u>	<u>CO2</u>
2010 TOTALS (lbs/day unmitigated)	10.37	95.28	43.75	0.03	140.11	4.30	144.41	29.27	3.95	33.23	10,652.23
2011 TOTALS (lbs/day unmitigated)	3.94	31.67	18.03	0.00	140.01	1.69	141.70	29.24	1.55	30.79	3,162.95

11/10/2009 9:37:18 AM

Urbemis 2007 Version 9.2.4

Combined Summer Emissions Reports (Pounds/Day)

File Name: C:\Winnt\Profiles\rshep\000\Application Data\Urbemis\Version9a\Projects\Day Creek Channel Stage 6 Phase 2.urb924

Project Name: Day Creek Channel Stage 6 Phase 2

Project Location: Riverside County

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

Off-Road Vehicle Emissions Based on: OFFROAD2007

Construction 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 5/3/2010-6/18/2010 Active Days: 35	10.37	95.28	43.75	0.03	140.11	4.30	144.41	29.27	3.95	33.23	10,652.23
Mass Grading 05/03/2010- 06/18/2010	10.37	95.28	43.75	0.03	140.11	4.30	144.41	29.27	3.95	33.23	10,652.23
Mass Grading Dust	0.00	0.00	0.00	0.00	140.00	0.00	140.00	29.24	0.00	29.24	0.00
Mass Grading Off Road Diesel	8.84	74.80	34.14	0.00	0.00	3.50	3.50	0.00	3.22	3.22	7,516.02
Mass Grading On Road Diesel	1.45	20.34	7.26	0.03	0.10	0.79	0.88	0.03	0.73	0.76	2,856.32
Mass Grading Worker Trips	0.07	0.14	2.35	0.00	0.01	0.01	0.02	0.00	0.01	0.01	279.88
Time Slice 6/21/2010-12/17/2010 Active Days: 130	8.81	74.98	41.03	0.02	0.08	3.11	3.19	0.03	2.86	2.89	9,821.50
Building 06/21/2010-12/17/2010	8.81	74.98	41.03	0.02	0.08	3.11	3.19	0.03	2.86	2.89	9,821.50
Building Off Road Diesel	8.40	74.21	27.67	0.00	0.00	3.07	3.07	0.00	2.82	2.82	8,228.44
Building Vendor Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.41	0.77	13.37	0.02	0.08	0.05	0.12	0.03	0.04	0.07	1,593.05

11/10/2009 9:37:18 AM

Time Slice 12/20/2010-12/31/2010 Active Days: 10	4.20	33.74	18.79	0.00	140.01	1.80	141.81	29.24	1.65	30.89	3,162.97
Fine Grading 12/20/2010- 01/07/2011	4.20	33.74	18.79	0.00	140.01	1.80	141.81	29.24	1.65	30.89	3,162.97
Fine Grading Dust	0.00	0.00	0.00	0.00	140.00	0.00	140.00	29.24	0.00	29.24	0.00
Fine Grading Off Road Diesel	4.16	33.67	17.48	0.00	0.00	1.79	1.79	0.00	1.65	1.65	3,007.48
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.04	0.08	1.30	0.00	0.01	0.00	0.01	0.00	0.00	0.01	155.49
Time Slice 1/3/2011-1/7/2011 Active Days: 5	3.94	31.67	18.03	0.00	140.01	1.69	141.70	29.24	1.55	30.79	3,162.95
Fine Grading 12/20/2010- 01/07/2011	3.94	31.67	18.03	0.00	140.01	1.69	141.70	29.24	1.55	30.79	3,162.95
Fine Grading Dust	0.00	0.00	0.00	0.00	140.00	0.00	140.00	29.24	0.00	29.24	0.00
Fine Grading Off Road Diesel	3.91	31.61	16.82	0.00	0.00	1.68	1.68	0.00	1.55	1.55	3,007.48
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.04	0.07	1.21	0.00	0.01	0.00	0.01	0.00	0.00	0.01	155.47

Phase Assumptions

Phase: Fine Grading 12/20/2010 - 1/7/2011 - Final grading

Total Acres Disturbed: 7

Maximum Daily Acreage Disturbed: 7

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

1 Graders (174 hp) operating at a 0.61 load factor for 8 hours per day

1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 8 hours per day

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

1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

11/10/2009 9:37:18 AM

Phase: Mass Grading 5/3/2010 - 6/18/2010 - Clearing/Grubbing/Excavation

Total Acres Disturbed: 7

Maximum Daily Acreage Disturbed: 7

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 673.91

Off-Road Equipment:

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

2 Graders (174 hp) operating at a 0.61 load factor for 8 hours per day

2 Off Highway Trucks (479 hp) operating at a 0.57 load factor for 8 hours per day

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1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Building Construction 6/21/2010 - 12/17/2010 - Rock placement/channel construction

Off-Road Equipment:

1 Cranes (399 hp) operating at a 0.43 load factor for 8 hours per day

4 Off Highway Trucks (479 hp) operating at a 0.57 load factor for 8 hours per day

1 Pumps (53 hp) operating at a 0.74 load factor for 8 hours per day

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

11/10/2009 9:44:17 AM

Urbemis 2007 Version 9.2.4

Combined Winter Emissions Reports (Pounds/Day)

File Name: C:\Winnt\Profiles\sheppea.000\Application Data\Urbemis\Version9a\Projects\Day Creek Channel Stage 6 Phase 2.urb924

Project Name: Day Creek Channel Stage 6 Phase 2

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)	10.37	95.28	43.75	0.03	140.11	4.30	144.41	29.27	3.95	33.23	10,652.23
2011 TOTALS (lbs/day unmitigated)	3.94	31.67	18.03	0.00	140.01	1.69	141.70	29.24	1.55	30.79	3,162.95

11/10/2009 9:39:58 AM

Urbemis 2007 Version 9.2.4

Combined Winter Emissions Reports (Pounds/Day)

File Name: C:\Winnt\Profiles\rshep\000\Application Data\Urbemis\Version9a\Projects\Day Creek Channel Stage 6 Phase 2.urb924

Project Name: Day Creek Channel Stage 6 Phase 2

Project Location: Riverside County

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

Off-Road Vehicle Emissions Based on: OFFROAD2007

Construction 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 5/3/2010-6/18/2010 Active Days: 35	10.37	95.28	43.75	0.03	140.11	4.30	144.41	29.27	3.95	33.23	10,652.23
Mass Grading 05/03/2010- 06/18/2010	10.37	95.28	43.75	0.03	140.11	4.30	144.41	29.27	3.95	33.23	10,652.23
Mass Grading Dust	0.00	0.00	0.00	0.00	140.00	0.00	140.00	29.24	0.00	29.24	0.00
Mass Grading Off Road Diesel	8.84	74.80	34.14	0.00	0.00	3.50	3.50	0.00	3.22	3.22	7,516.02
Mass Grading On Road Diesel	1.45	20.34	7.26	0.03	0.10	0.79	0.88	0.03	0.73	0.76	2,856.32
Mass Grading Worker Trips	0.07	0.14	2.35	0.00	0.01	0.01	0.02	0.00	0.01	0.01	279.88
Time Slice 6/21/2010-12/17/2010 Active Days: 130	8.81	74.98	41.03	0.02	0.08	3.11	3.19	0.03	2.86	2.89	9,821.50
Building 06/21/2010-12/17/2010	8.81	74.98	41.03	0.02	0.08	3.11	3.19	0.03	2.86	2.89	9,821.50
Building Off Road Diesel	8.40	74.21	27.67	0.00	0.00	3.07	3.07	0.00	2.82	2.82	8,228.44
Building Vendor Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.41	0.77	13.37	0.02	0.08	0.05	0.12	0.03	0.04	0.07	1,593.05

11/10/2009 9:39:58 AM

Time Slice 12/20/2010-12/31/2010 Active Days: 10	4.20	33.74	18.79	0.00	140.01	1.80	141.81	29.24	1.65	30.89	3,162.97
Fine Grading 12/20/2010- 01/07/2011	4.20	33.74	18.79	0.00	140.01	1.80	141.81	29.24	1.65	30.89	3,162.97
Fine Grading Dust	0.00	0.00	0.00	0.00	140.00	0.00	140.00	29.24	0.00	29.24	0.00
Fine Grading Off Road Diesel	4.16	33.67	17.48	0.00	0.00	1.79	1.79	0.00	1.65	1.65	3,007.48
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.04	0.08	1.30	0.00	0.01	0.00	0.01	0.00	0.00	0.01	155.49
Time Slice 1/3/2011-1/7/2011 Active Days: 5	3.94	31.67	18.03	0.00	140.01	1.69	141.70	29.24	1.55	30.79	3,162.95
Fine Grading 12/20/2010- 01/07/2011	3.94	31.67	18.03	0.00	140.01	1.69	141.70	29.24	1.55	30.79	3,162.95
Fine Grading Dust	0.00	0.00	0.00	0.00	140.00	0.00	140.00	29.24	0.00	29.24	0.00
Fine Grading Off Road Diesel	3.91	31.61	16.82	0.00	0.00	1.68	1.68	0.00	1.55	1.55	3,007.48
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.04	0.07	1.21	0.00	0.01	0.00	0.01	0.00	0.00	0.01	155.47

Phase Assumptions

Phase: Fine Grading 12/20/2010 - 1/7/2011 - Final grading

Total Acres Disturbed: 7

Maximum Daily Acreage Disturbed: 7

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

1 Graders (174 hp) operating at a 0.61 load factor for 8 hours per day

1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 8 hours per day

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

1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

11/10/2009 9:39:58 AM

Phase: Mass Grading 5/3/2010 - 6/18/2010 - Clearing/Grubbing/Excavation

Total Acres Disturbed: 7

Maximum Daily Acreage Disturbed: 7

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 673.91

Off-Road Equipment:

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Phase: Building Construction 6/21/2010 - 12/17/2010 - Rock placement/channel construction

Off-Road Equipment:

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11/10/2009 9:43:21 AM

Urbemis 2007 Version 9.2.4

Combined Annual Emissions Reports (Tons/Year)

File Name: C:\Winnt\Profiles\rsheppea.000\Application Data\Urbemis\Version9a\Projects\Day Creek Channel Stage 6 Phase 2.urb924

Project Name: Day Creek Channel Stage 6 Phase 2

Project Location: Riverside County

On-Road Vehicle Emissions Based on: Version : Emtac2007 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)	0.78	6.71	3.53	0.00	3.16	0.29	3.44	0.66	0.26	0.92	840.63
2011 TOTALS (tons/year unmitigated)	0.01	0.08	0.05	0.00	0.35	0.00	0.35	0.07	0.00	0.08	7.91

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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11/10/2009 9:43:21 AM

Phase Assumptions

Phase: Fine Grading 12/20/2010 - 1/7/2011 - Final grading

Total Acres Disturbed: 7

Maximum Daily Acreage Disturbed: 7

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

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1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Mass Grading 5/3/2010 - 6/18/2010 - Clearing/Grubbing/Excavation

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Phase: Building Construction 6/21/2010 - 12/17/2010 - Rock placement/channel construction

Page: 4

11/10/2009 9:43:21 AM

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RIVERSIDE COUNTY CLERK-RECORDER

AUTHORIZATION TO BILL

TO BE FILLED OUT BY SUBMITTING AGENCY

DATE: 4/28/2010 BUSINESS
UNIT/AGENCY: FLOOD CONTROL - FCARC

ACCOUNTING STRING:

ACCOUNT: 523220 FUND: 25110
DEPT ID: 947400 PROGRAM: _____

AMOUNT: \$ 2,010.25 - Mitigation Negative Declaration (MND)

\$ 64.00 - Doc Handling Fee
\$2,074.25

REF: CEQA Notice of Determination Posting, Day Creek Channel

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: Lisa McFarland *LM*

PRESENTED BY: Randy Sheppeard

CONTACT: Lisa McFarland (951) 955-8454

TO BE FILLED OUT BY COUNTY CLERK

ACCEPTED BY: _____

DATE: _____

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

** original sent
to County Clerk's
office*



MEMORANDUM

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

DATE: May 6, 2010

TO: Kecia Harper-Ihem, Clerk of the Board

FROM: Teresa Tung, Engineering Project Manager

RE: Day Creek Channel, Stage 6 Phase 2
Resolution No. F2010-09

The Board is scheduled to approve the above project and Resolution No. F2010-09 (copy enclosed) on May 18, 2010. The CEQA Notice of Determination (NOD) will need to be posted at the County Clerk-Recorder's office within five days of the Board's approval. It is our understanding that your office is responsible for ensuring that the NOD is posted following the Board's approval.

The County Clerk-Recorder's office requires that a total of \$2,074.25 (\$2,010.25+\$64.00) in fees be paid before posting the NOD. Enclosed is an Authorization to Bill Form for the County Clerk-Recorder in the amount of \$2,074.25 for posting the NOD at the Clerk-Recorder's office. Please note that the NOD must be sent to the State Office of Planning and Research as well. However, the State does not require any fees to post documents.

We are also enclosing copies of the posted Resolution No. F2010-08 and the Certificates of Posting for your files. If you have any questions regarding this matter, please contact me at 51233 or Randy Sheppard at 51306. We would like to thank you in advance for your assistance in this matter.

Enclosures

RS:mcv
P8\131124

2010 MAY -8 PM 3:02

2010-05-10004

CERTIFICATE OF POSTING

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

I, Elizabeth DeHayes, Office Assistant II
(NAME AND TITLE)

for the County of Riverside do hereby certify that I am not a party to the within action
or proceeding; that on April 12, 2010, I posted a copy of the following
document:

BOARD OF SUPERVISORS OF THE FLOOD CONTROL AND WATER CONSERVATION DISTRICT OF THE COUNTY OF RIVERSIDE RESOLUTION NO. F2010-08

at City of Norco City Hall, 2870 Clark Avenue, Norco, CA, 92860, as required by law.

Board Agenda Date: April 6, 2010 @ 1:30 pm

SIGNATURE:  DATE: 04/12/10

RIVERSIDE COUNTY FLOOD CONTROL
AND WATER CONSERVATION DISTRICT

1 BOARD OF SUPERVISORS
RECEIVED
CITY OF NORCO

APR 12 2010

TIME: 4
CITY CLERK

RESOLUTION NO. F2010-08
SETTING A PUBLIC HEARING DATE FOR
DAY CREEK CHANNEL, STAGE 6
PHASE 2 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)

7 WHEREAS, this Board intends to undertake a project within Zone 2 in the unincorporated area
8 of Mira Loma, designated as Day Creek Channel, Stage 6 Phase 2 Project; and

9 WHEREAS, the proposed project is bounded generally by Limonite Avenue on the north, 68th
10 Street on the south, Charles Avenue on the east and Dana Avenue on the west; and

11 WHEREAS, the proposed project consists of the construction and subsequent operation and
12 maintenance of an extension of the District's existing Day Creek Channel consisting of approximately
13 3,800 lineal feet of open channel and appurtenances; and

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

16 WHEREAS, reference is made to a map dated December 2009, bearing the name and showing
17 the general location and typical section of the proposed project which is also on file with the Clerk of
18 the Board; and

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

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

25 WHEREAS, in a subsequent legal challenge any person may be limited to raising only those
26 issues he, she or someone else raised at the public hearing described in this notice, or in written
27 comments delivered before or at the public hearing; and
28

FORM APPROVED COUNTY COUNSEL
BY LARISA R-MCKENNA DATE 3/23/10

CERTIFICATE OF POSTING

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

I, Elizabeth DeHayes, Office Assistant II
(NAME AND TITLE)

for the County of Riverside do hereby certify that I am not a party to the within action
or proceeding; that on April 08, 2010, I posted a copy of the following
document:

BOARD OF SUPERVISORS OF THE FLOOD CONTROL AND WATER CONSERVATION DISTRICT OF THE COUNTY OF RIVERSIDE RESOLUTION NO. F2010-08

at Riverside County Clerk and Recorder's Office, 2724 Gateway Drive, Riverside, CA,
92507, as required by law.

Board Agenda Date: April 6, 2010 @ 1:30 pm

SIGNATURE: _____



DATE: _____

04/08/10

BOARD OF SUPERVISORSRIVERSIDE COUNTY FLOOD CONTROL
AND WATER CONSERVATION DISTRICT

RESOLUTION NO. F2010-08
 SETTING A PUBLIC HEARING DATE FOR
 DAY CREEK CHANNEL, STAGE 6
 PHASE 2 PROJECT

FILED
 RIVERSIDE COUNTY

APR 08 2010

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)

LARRY W. WARD, CLERK

By *B. Reese* B. Reese
 Deputy

WHEREAS, this Board intends to undertake a project within Zone 2 in the unincorporated area of Mira Loma, designated as Day Creek Channel, Stage 6 Phase 2 Project; and

WHEREAS, the proposed project is bounded generally by Limonite Avenue on the north, 68th Street on the south, Charles Avenue on the east and Dana Avenue on the west; and

WHEREAS, the proposed project consists of the construction and subsequent operation and maintenance of an extension of the District's existing Day Creek Channel consisting of approximately 3,800 lineal feet of open channel and appurtenances; and

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

WHEREAS, reference is made to a map dated December 2009, bearing the name and showing the general location and typical section of the proposed project which is also on file with the Clerk of the Board; and

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

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

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

COUNTY CLERK

Noted and filed for the District
 Filed per P.R.C. 21152
 POSTED

APR 08 2010

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

432B



FROM: General Manager-Chief Engineer

SUBMITTAL DATE:
April 6, 2010

SUBJECT: Day Creek Channel, Stage 6 Phase 2 Project
Project No. 1-0-00250-06

RECOMMENDED MOTION:

Adopt Resolution No. F2010-08 which

sets May 18, 2010 as the date for holding a Public Hearing concerning the intent to adopt a California Environmental Quality Act (CEQA) Mitigated Negative Declaration; and

sets May 18, 2010 as the date for holding a Public Hearing concerning the intent to undertake the above referenced project in accordance with Section 18 of the District Act; and

directs the Clerk of this Board to advertise and post said public hearing in accordance with Section 18 of the District Act and CEQA.

BACKGROUND:

See Page 2.

RS:mcv

WARREN D. WILLIAMS
General Manager-Chief Engineer

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

SOURCE OF FUNDS: N/A

Positions To Be Deleted Per A-30 ☐

Requires 4/5 Vote ☐

C.E.O. RECOMMENDATION:

APPROVE

BY:

Alex Gann

County Executive Office Signature

MINUTES OF THE FLOOD CONTROL AND WATER CONSERVATION DISTRICT

On motion of Supervisor Stone, seconded by Supervisor Ashley and duly carried, IT WAS ORDERED that the above matter is approved as recommended, and is set for a public hearing on May 18, 2010, at 1:30 p.m.

Ayes: Buster, Stone, Benoit and Ashley
Nays: None
Absent: Tavaglione
Date: April 6, 2010
xc: Flood, COB

Kecia Harper-Ihem
Clerk of the Board
By:
Deputy

Prev. Agn. Ref.:

District: 2nd

Agenda Number:

4 4 -

BOARD OF SUPERVISORSRIVERSIDE COUNTY FLOOD CONTROL
AND WATER CONSERVATION DISTRICT

RESOLUTION NO. F2010-08
 SETTING A PUBLIC HEARING DATE FOR
 DAY CREEK CHANNEL, STAGE 6
 PHASE 2 PROJECT
 AND GIVING NOTICE OF INTENT TO ADOPT A
 MITIGATED NEGATIVE DECLARATION THEREFOR
 IN ACCORDANCE WITH SECTION 18 OF THE DISTRICT ACT
 AND THE CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA)

WHEREAS, this Board intends to undertake a project within Zone 2 in the unincorporated area of Mira Loma, designated as Day Creek Channel, Stage 6 Phase 2 Project; and

WHEREAS, the proposed project is bounded generally by Limonite Avenue on the north, 68th Street on the south, Charles Avenue on the east and Dana Avenue on the west; and

WHEREAS, the proposed project consists of the construction and subsequent operation and maintenance of an extension of the District's existing Day Creek Channel consisting of approximately 3,800 lineal feet of open channel and appurtenances; and

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

WHEREAS, reference is made to a map dated December 2009, bearing the name and showing the general location and typical section of the proposed project which is also on file with the Clerk of the Board; and

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

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

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

FORM APPROVED COUNTY COUNSEL
 BY LARISA R-MCKENNA DATE 3/23/10

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

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

NOW, THEREFORE, BE IT RESOLVED, DETERMINED AND ORDERED by the Board of Supervisors of the Riverside County Flood Control and Water Conservation District in regular session assembled on April 6, 2010 that:

1. A public hearing concerning the proposed project and the Mitigated Negative Declaration will be held at 1:30 p.m. on May 18, 2010, at the meeting room of this Board, 1st Floor, County Administrative Center, 4080 Lemon Street, Riverside, California, at which time all public comment shall be heard.

2. A copy of this Resolution and copies of the above-listed documents shall be posted at least thirty (30) days before said hearing at the City of Norco City Hall, 2870 Clark Avenue, Norco, CA 92860.

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

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

ROLL CALL:

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

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

KECIA HARPER-IHEM, Clerk of said Board

By: 

Deputy

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

ENGINEER'S STATEMENT

**Day Creek Channel, Stage 6 Phase 2
Project No. 1-0-00250
March 2010**

The proposed Day Creek Channel, Stage 6 Phase 2 project will consist of the construction and maintenance of a rock-lined trapezoidal and concrete-lined rectangular flood control channel extension from approximately the Goose Creek Golf Club to the Phase 1 channel just downstream of Limonite Avenue. The rock-lined trapezoidal channel will be constructed in an existing channel located within the Goose Creek Golf Club and will be approximately 80 feet wide and 1,155 feet long. The concrete-lined rectangular channel will extend approximately 2,650 lineal feet upstream (northerly) of Lucretia Avenue and connect to the existing Day Creek Channel near Limonite Avenue. The rectangular channel will be constructed within existing District right of way and will be 40 feet wide and vary in height from 12 to 13 feet with 15-foot wide access roads on each side of the channel. Any existing side drainage facilities that connect to the existing channel would be reconstructed as well, and a new bridge will be constructed at Lucretia Avenue. The proposed project is located along the existing Day Creek Channel within the unincorporated Mira Loma area of Riverside County. The project area is generally bounded by Limonite Avenue to the north, 68th Street to the south, Charles Avenue to the east, and Dana Avenue to the west.

The estimated cost of the proposed project is \$6 Million. Construction and future operation and maintenance costs will be borne by the District's Zone 1 revenue.

A map of the project depicting the project location and typical section is attached. Additional information may be obtained from Riverside County Flood Control and Water Conservation District, 1995 Market Street, Riverside, California 92501, 951.955.1200.

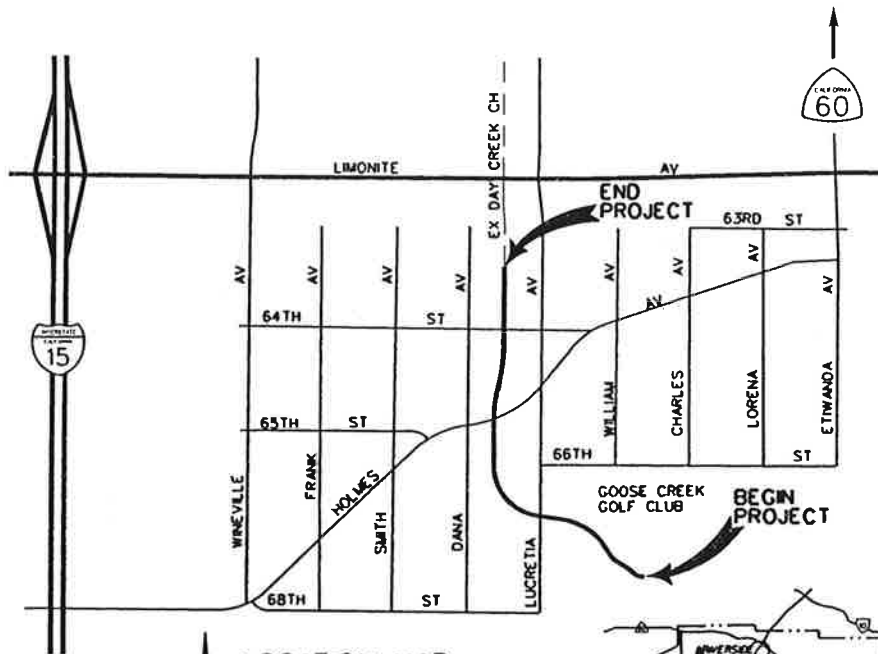
Attachment

P8\129949

SECTION 18
PUBLIC HEARING
MAP



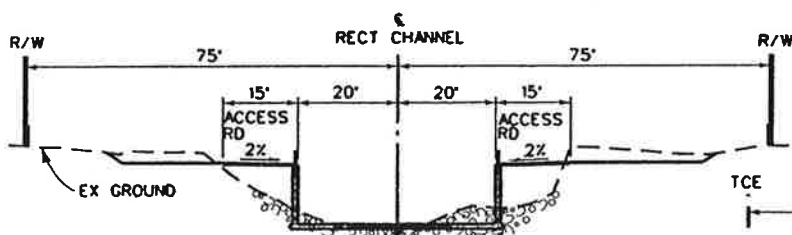
DAY CREEK CHANNEL
STAGE 6 PHASE 2
PROJECT NO.1-0-0250
DECEMBER 2009



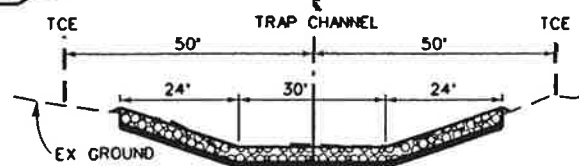
LOCATION MAP
NTS



VICINITY MAP
NTS



**TYPICAL CONCRETE LINED
CHANNEL SECTION**



**TYPICAL ROCK LINED
CHANNEL SECTION**



OFFICE OF
CLERK OF THE BOARD OF SUPERVISORS
1st FLOOR, COUNTY ADMINISTRATIVE CENTER
P.O. BOX 1147, 4080 LEMON STREET
RIVERSIDE, CA 92502-1147
PHONE: (951) 955-1060
FAX: (951) 955-1071

KECIA HARPER-IHEM
Clerk of the Board of Supervisors

KIMBERLY A. RECTOR
Assistant Clerk of the Board

April 6, 2010

THE PRESS ENTERPRISE
ATTN: LEGALS
P.O. BOX 792
RIVERSIDE, CA 92501

VIA FAX (951) 368-9018
E-MAIL: legals@pe.com

RE: NOTICE OF PUBLIC HEARING: RESOLUTION NO. F2010-08

To Whom It May Concern:

Attached is a copy for publication in your newspaper for **TWO (2) TIMES** on **2 Thursdays: April 8, and 15, 2010.**

We require your affidavit of publication immediately upon completion of the last publication.

Your invoice must be submitted to this office in duplicate, WITH TWO CLIPPINGS OF THE PUBLICATION.

NOTE: PLEASE COMPOSE THIS PUBLICATION INTO A SINGLE COLUMN FORMAT.

Thank you in advance for your assistance and expertise.

Sincerely,

McGil

Cecilia Gil, Board Assistant to
KECIA HARPER-IHEM, CLERK OF THE BOARD

Gil, Cecilia

To: PE Legals
Subject: RE: FOR PUBLICATION: RES. NO. F2010-08

Sent: Tuesday, April 06, 2010 4:30 PM
To: Gil, Cecilia
Subject: RE: FOR PUBLICATION: RES. NO. F2010-08

Yes, sorry for not replying, I was working on the ad with the maps

Thank You! ~Maria G. Tinajero - The Press Enterprise Legal Adv. - 1.800.880.0345 (Phone) - 951.368.9018 (fax) - Please Note: Deadline is 10:30 AM two (2) business days prior to the date you would like to publish.

From: Gil, Cecilia
Sent: Tuesday, April 06, 2010 3:25 PM
To: 'PE Legals'
Subject: FW: FOR PUBLICATION: RES. NO. F2010-08

Here it is...only Tavaglione is out.

Thanks!

Cecilia Gil
Board Assistant to the
Clerk of the Board of Supervisors
951-955-8464

THE COUNTY ADMINISTRATIVE CENTER IS CLOSED EVERY FRIDAY UNTIL FURTHER NOTICE.
PLEASE CONSIDER THE ENVIRONMENT BEFORE PRINTING.

From: Gil, Cecilia
Sent: Tuesday, April 06, 2010 10:43 AM
To: 'PE Legals'
Subject: FOR PUBLICATION: RES. NO. F2010-08

Maria,

Attached is another Notice of Public Hearing for above-mentioned Resolution. The last part of this Notice where the vote is, is only tentative. It's still being heard in the meeting as of this time. I will send you the final vote this afternoon. This Notice needs to be published on 2 Thursdays: April 8 and 15, 2010. You can send me confirmation later when I send you the final vote.

Thank you!

Cecilia Gil
Board Assistant to the
Clerk of the Board of Supervisors
951-955-8464



OFFICE OF
CLERK OF THE BOARD OF SUPERVISORS
1st FLOOR, COUNTY ADMINISTRATIVE CENTER
P.O. BOX 1147, 4080 LEMON STREET
RIVERSIDE, CA 92502-1147
PHONE: (951) 955-1060
FAX: (951) 955-1071

KECIA HARPER-IHEM
Clerk of the Board of Supervisors

KIMBERLY A. RECTOR
Assistant Clerk of the Board

April 6, 2010

RIVERSIDE COUNTY RECORD
ATTN: LEGALS
P.O. BOX 3187
RIVERSIDE, CA 92519

VIA FAX (951) 685-2961
E-MAIL: recordmde@aol.com

RE: NOTICE OF PUBLIC HEARING: RESOLUTION NO. F2010-08

To Whom It May Concern:

Attached is a copy for publication in your newspaper for **TWO (2) TIMES** on **2 Thursdays: April 8 and 15, 2010.**

We require your affidavit of publication immediately upon completion of the last publication.

Your invoice must be submitted to this office in duplicate, WITH TWO CLIPPINGS OF THE PUBLICATION.

NOTE: PLEASE COMPOSE THIS PUBLICATION INTO A SINGLE COLUMN FORMAT.

Thank you in advance for your assistance and expertise.

Sincerely,

Mcgil

Cecilia Gil, Board Assistant to
KECIA HARPER-IHEM, CLERK OF THE BOARD

Gil, Cecilia

From: recordmde@aol.com
Sent: Tuesday, April 06, 2010 3:37 PM
To: Gil, Cecilia
Subject: Re: FOR PUBLICATION: RES. NO. F2010-08

Thank you,
Mike.

-----Original Message-----

From: Gil, Cecilia <CCGIL@rcbos.org>
To: recordmde@aol.com
Sent: Tue, Apr 6, 2010 3:24 pm
Subject: FW: FOR PUBLICATION: RES. NO. F2010-08

Hello Mike,

Here it is...only Tavaglione is out.

Thanks!

Cecilia Gil

Board Assistant to the
Clerk of the Board of Supervisors
951-955-8464

**THE COUNTY ADMINISTRATIVE CENTER IS CLOSED EVERY FRIDAY UNTIL FURTHER NOTICE.
PLEASE CONSIDER THE ENVIRONMENT BEFORE PRINTING.**

From: Gil, Cecilia
Sent: Tuesday, April 06, 2010 10:44 AM
To: 'recordmde@aol.com'
Subject: FOR PUBLICATION: RES. NO. F2010-08

Mike,

Attached is another Notice of Public Hearing for above-mentioned Resolution. The last part of this Notice where the vote is, is only tentative. It's still being heard at the meeting as of this time. I will send you the final vote this afternoon. This Notice needs to be published on 2 Thursdays: April 8 and 15, 2010. You can send me confirmation later when I send you the final vote.

Thank you!

Cecilia Gil

Board Assistant to the
Clerk of the Board of Supervisors
951-955-8464

**THE COUNTY ADMINISTRATIVE CENTER IS CLOSED EVERY FRIDAY UNTIL FURTHER NOTICE.
PLEASE CONSIDER THE ENVIRONMENT BEFORE PRINTING.**

**NOTICE OF PUBLIC HEARING BEFORE THE BOARD OF SUPERVISORS OF THE RIVERSIDE
COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT**

RESOLUTION NO. F2010-08

**SETTING A PUBLIC HEARING DATE FOR DAY CREEK CHANNEL, STAGE 6 PHASE 2 PROJECT
AND GIVING NOTICE OF INTENT TO ADOPT A MITIGATED NEGATIVE DECLARATION
THEREFOR IN ACCORDANCE WITH SECTION 18 OF THE DISTRICT ACT
AND THE CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA)**

WHEREAS, this Board intends to undertake a project within Zone 2 in the unincorporated area of Mira Loma, designated as Day Creek Channel, Stage 6 Phase 2 Project; and

WHEREAS, the proposed project is bounded generally by Limonite Avenue on the north, 68th Street on the south, Charles Avenue on the east and Dana Avenue on the west; and

WHEREAS, the proposed project consists of the construction and subsequent operation and maintenance of an extension of the District's existing Day Creek Channel consisting of approximately 3,800 lineal feet of open channel and appurtenances; and

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

WHEREAS, reference is made to a map dated December 2009, bearing the name and showing the general location and typical section of the proposed project which is also on file with the Clerk of the Board; and

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

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

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

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

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

NOW, THEREFORE, BE IT RESOLVED, DETERMINED AND ORDERED by the Board of Supervisors of the Riverside County Flood Control and Water Conservation District in regular session assembled on April 6, 2010 that:

1. A public hearing concerning the proposed project and the Mitigated Negative Declaration will be held at 1:30 p.m. on May 18, 2010, at the meeting room of this Board, 1st Floor, County Administrative Center, 4080 Lemon Street, Riverside, California, at which time all public comment shall be heard.

2. A copy of this Resolution and copies of the above-listed documents shall be posted at least thirty (30) days before said hearing at the City of Norco City Hall, 2870 Clark Avenue, Norco, CA 92860.

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

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

ROLL CALL:

Ayes: Buster, Stone, Benoit and Ashley

Nays: None

Absent: Tavaglione

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

KECIA HARPER-IHEM, Clerk of said Board

By: Cecilia Gil, Board Assistant

Any person affected by the above matter(s) may submit written comments to the Clerk of the Board before the public hearing or may appear and be heard in support of or opposition to the project at the time of the hearing. If you challenge the above item(s) in court, you may be limited to raising only those issues you or someone else raised at the public hearing described in this notice, or in written correspondence, to the Board of Supervisors at, or prior to, the public hearing.

Please send all written correspondence to: Clerk of the Board, 4080 Lemon Street, 1st Floor, Post Office Box 1147, Riverside, CA 92502-1147

Dated: April 6, 2010

Kecia Harper-Ihem

Clerk of the Board

By: Cecilia Gil, Board Assistant

⑨ REMITTANCE ADDRESS
POST OFFICE BOX 12009
RIVERSIDE, CA 92502-2209
FAX (951) 368-9026

① BILLING PERIOD 04/15/10 - 04/15/10
⑤ BILLING DATE | ② ADVERTISING/CLIENT NAME BOARD OF SUPERVISORS
FOR BILLING INFORMATION CALL
④ PAGE NO 1
③ TOTAL AMOUNT DUE 04/15/10 (951) 368-9713
⑦ UNAPPLIED AMOUNT ⑥ TERMS OF PAYMENT
630.00 Due Upon Receipt

⑧ BILLED ACCOUNT NAME AND ADDRESS
BOARD OF SUPERVISORS
COUNTY OF RIVERSIDE
P.O. BOX 1147
RIVERSIDE CA 92502

⑥ BILLED ACCOUNT NUMBER 045202
REP NO LE04

Statement #: 56534905 Amount Paid \$ _____ Your Check # _____

PLEASE DETACH AND RETURN UPPER PORTION WITH YOUR REMITTANCE

⑪ DATE	⑪ REFERENCE	⑫ ⑬ ⑭ DESCRIPTION-OTHER COMMENTS/CHARGES	⑮ ⑯ SIZE ⑰ BILLED UNITS	⑰ RATE	⑰ GROSS AMOUNT	⑰ NET AMOUNT
04/08	4174753 CO	RESOLUTION NO. F2010-08 Class : 10 Ctext Ad# 10224106 Placed By : Cecilia Gil	252 L	1.30		327.60
04/15	4174753 CO	RESOLUTION NO. F2010-08 Class : 10 Ctext Ad# 10224106 Placed By : Cecilia Gil	252 L	1.20		302.40
<p>COMING SOON! Electronic Tearsheet Delivery Service It's easy! Search, view, save, email notification & more</p>						

*Flood
11.4 of 04/06/10
1 hr*

RECEIVED RIVERSIDE COUNTY
CLERK / BOARD OF SUPERVISORS
2010 APR 22 PM 12:21

① CURRENT NET AMOUNT DUE	② 30 DAYS	③ 60 DAYS	④ OVER 90 DAYS	⑤ UNAPPLIED AMOUNT	⑥ PLEASE PAY THIS AMOUNT
					630.00

THE PRESS-ENTERPRISE  P.O. BOX 12009
RIVERSIDE, CA 92502-2209
TELEPHONE (951) 368-9711
(951) 368-9720 (951) 368-9713

**ADVERTISING
STATEMENT/INVOICE**

* UNAPPLIED AMOUNTS ARE INCLUDED IN TOTAL AMOUNT DUE



⑦ STATEMENT NUMBER	⑧ BILLING PERIOD	⑨ BILLED ACCOUNT NUMBER	⑩ ADVERTISER/CLIENT NUMBER	⑪ ADVERTISER/CLIENT NAME
56534905	04/15/10 - 04/15/10	045202		BOARD OF SUPERVISORS

THE PRESS-ENTERPRISE

3450 Fourteenth Street
Riverside CA 92501-3878
951-684-1200
951-368-9018 FAX

**PROOF OF PUBLICATION
(2010, 2015.5 C.C.P.)**

Press-Enterprise

PROOF OF PUBLICATION OF

Ad Desc.: Resolution No. F2010-08

I am a citizen of the United States. I am over the age of eighteen years and not a party to or interested in the above entitled matter. I am an authorized representative of THE PRESS-ENTERPRISE, a newspaper of general circulation, printed and published daily in the County of Riverside, and which newspaper has been adjudicated a newspaper of general circulation by the Superior Court of the County of Riverside, State of California, under date of April 25, 1952, Case Number 54446, under date of March 29, 1957, Case Number 65673 and under date of August 25, 1995, Case Number 267864; that the notice, of which the annexed is a printed copy, has been published in said newspaper in accordance with the instructions of the person(s) requesting publication, and not in any supplement thereof on the following dates, to wit:

04-08-10
04-15-10

I Certify (or declare) under penalty of perjury that the foregoing is true and correct.

Date: Apr. 15, 2010
At: Riverside, California

BOARD OF SUPERVISORS

P.O. BOX 1147
COUNTY OF RIVERSIDE
RIVERSIDE CA 92502

Ad #: 10224106

PO #:

Agency #: _____

Ad Copy:

**NOTICE OF PUBLIC HEARING BEFORE THE
BOARD OF SUPERVISORS OF THE RIVERSIDE
COUNTY FLOOD CONTROL AND WATER CONSER-
VATION DISTRICT**

RESOLUTION NO. F2010-08

**SETTING A PUBLIC HEARING DATE FOR DAY
CREEK CHANNEL, STAGE 6 PHASE 2 PROJECT
AND GIVING NOTICE OF INTENT TO ADOPT A
MITIGATED NEGATIVE DECLARATION
THEREFOR IN ACCORDANCE WITH SECTION 18
OF THE DISTRICT ACT AND THE CALIFORNIA
ENVIRONMENTAL QUALITY ACT (CEQA)**

WHEREAS, this Board intends to undertake a project within Zone 2 in the unincorporated area of Mira Loma, designated as Day Creek Channel, Stage 6 Phase 2 Project; and

WHEREAS, the proposed project is bounded generally by Limonite Avenue on the north, 68th Street on the south, Charles Avenue on the east and Dana Avenue on the west; and

WHEREAS, the proposed project consists of the construction and subsequent operation and maintenance of an extension of the District's existing Day Creek Channel consisting of approximately 3,800 lineal feet of open channel and appurtenances; and

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

WHEREAS, reference is made to a map dated December 2009, bearing the name and showing the general location and typical section of the proposed project which is also on file with the Clerk of the Board; and

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

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

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

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

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

NOW, THEREFORE, BE IT RESOLVED, DETERMINED AND ORDERED by the Board of Supervisors of the Riverside County Flood Control and Water Conservation District in regular session assembled on April 6, 2010 that:

1. A public hearing concerning the proposed project and the Mitigated Negative Declaration will be held at 1:30 p.m. on May 18, 2010, at the meeting room of this Board, 1st Floor, County Administrative Center, 4080 Lemon Street, Riverside, California, at which time all public comment shall be heard.

2. A copy of this Resolution and copies of the above-listed documents shall be posted at least thirty (30) days before said hearing at the City of Norco City Hall, 2870 Clark Avenue, Norco, CA 92860.

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

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

ROLL CALL:

Ayes: Buster, Stone, Benoit and Ashley

Nays: None

Absent: Tavaglione

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

KECIA HARPER-IHEM, Clerk of said Board

By: Cecilia Gil, Board Assistant

Any person affected by the above matter(s) may submit written comments to the Clerk of the Board before the public hearing or may appear and be heard in support of or opposition to the project at the time of the hearing. If you challenge the above item(s) in court, you may be limited to raising only those issues you or someone else raised at the public hearing described in this notice, or in written correspondence, to the Board of Supervisors at, or prior to, the public hearing.

Please send all written correspondence to: Clerk of the Board, 4080 Lemon Street, 1st Floor, Post Office Box 1147, Riverside, CA 92502-1147

Dated: April 6, 2010

Kecia Harper-Ihem, Clerk of the Board

By: Cecilia Gil, Board Assistant

4/8, 15



The Riverside County Record Newspaper

Western Riverside County's Only Hometown Newspaper

Since 1955

Post Office Box 3187 • Riverside, California 92519

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e-mail: recordmde@aol.com

INVOICE

April 7, 2010

Riverside County
Clerk of the Board
4080 Lemon Street, 1st Floor
P.O. Box 1147
Riverside, CA 92502- 1147

Legal Advertising

Notice of Public Hearing

Your: Resolution No. F2010-08
Our #00308

20.00 column inches x \$8.94 = \$178.80 x 2 = \$357.60

Publish ~~two~~ (2) week: April 8, 15, 2010

Amount Due: \$357.60

Thank You,

Cathy Sypin-Barnes

Flord
11.4 of 04/06/10

Affidavit of Publication

(2015.5 C.C.P.)

County of Riverside

State of California

Catherine Sy-pin-Barnes, being first duly sworn, deposes and says: That all times hereinafter, mentioned that she was a citizen of the United States over the age of eighteen years, and a resident of said County, and was and during all said times the principal clerk of the printer and publisher of The Riverside County Record-News, a newspaper of general circulation adjudicated by court decree, printed and published weekly in said County of Riverside, State of California, that said Riverside County Record-News is and was at all times herein mentioned, a newspaper of general circulation as that term is defined in section 4460 of the Political Code, and, as provided by that section, is published for the dissemination of local and telegraphic news and intelligence of a general character, having a bona fide subscriber list of paying subscribers, and is not devoted to nor published for the interest, entertainment or instruction of a particular class, profession, trade, or race of denominations; that at all said time said newspaper has been published, printed and published in said County and State at regular intervals more than one year preceding the date of publication of the notice herein mentioned; that said notice was set in type not smaller than nonpareil and preceded with words printed in black face type not smaller than nonpareil describing and expressing in general terms the purport and character of the notice intended to be given; that the

RIVERSIDE COUNTY RECORD NEWSPAPER

of which the annexed is a printed copy, published and printed in said newspaper in at least 2 weekly issues, as follows:

April 8, 15, 2010

I certify (or declare) under penalty of perjury that the foregoing is true and correct.



Signature

Dated: April 15, 2010 at
Riverside, California

NOTICE OF PUBLIC HEARING BEFORE THE BOARD OF SUPERVISORS OF THE RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT RESOLUTION NO. F2010-08

SETTING A PUBLIC HEARING DATE FOR DAY CREEK CHANNEL, STAGE 6 PHASE 2 PROJECT AND GIVING NOTICE OF INTENT TO ADOPT A MITIGATED NEGATIVE DECLARATION THEREFOR IN ACCORDANCE WITH SECTION 18 OF THE DISTRICT ACT AND THE CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA)

WHEREAS, this Board intends to undertake a project within Zone 2 in the unincorporated area of Mira Loma, designated as Day Creek Channel, Stage 6 Phase 2 Project; and

WHEREAS, the proposed project is bounded generally by Limonite Avenue on the north, 68th Street on the south, Charles Avenue on the east and Dana Avenue on the west; and

WHEREAS, the proposed project consists of the construction and subsequent operation and maintenance of an extension of the District's existing Day Creek Channel consisting of approximately 3,800 lineal feet of open channel and appurtenances; and

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

WHEREAS, reference is made to a map dated December 2009, bearing the name and showing the general location and typical section of the proposed project, which map is on file with the Clerk of the Board; and

2. A copy of this Resolution and copies of the above-listed documents shall be posted at least thirty (30) days before said hearing at the City of Norco City Hall, 2870 Clark Avenue, Norco, CA 92860.

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

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

ROLL CALL: (change)

Ayes: Buster, Stone, Benoit and Ashley

Nays: None

Absent: Tavaglione

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

KECIA HARPER-IHEM, Clerk of said Board

By: Cecilia Gil, Board Assistant

Any person affected by the above matter(s) may submit written comments to the Clerk of the Board before the public hearing or may appear and be heard in support of or opposition to the project at the time of the hearing. If you challenge the above item(s) in court, you may be limited to raising only those issues you or someone else raised at the public hearing described in this notice, or in written correspondence, to the Board of Supervisors at, or prior to, the public hearing.

Please send all written correspondence to: Clerk of the Board, 4080 Lemon Street, 1st Floor, Post Office Box 1147, Riverside, CA 92502-1147

Dated: April 6, 2010

Kecia Harper-Ihem
Clerk of the Board

Published: April 8, 15, 2010

By: Cecilia Gil, Board Assistant
RCR0308