

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

315B



FROM: General Manager-Chief Engineer

SUBMITTAL DATE:
January 24, 2006

SUBJECT: Public Hearing for the Homeland and Romoland Master Drainage Plans
(Revision No. 1)

RECOMMENDED MOTION:

Certify that:

1. The Final EIR (SCH#2003111131) has been completed in compliance with CEQA.
2. The Final EIR was presented to the Board and that the Board reviewed and considered the information contained in the Final EIR prior to approving the project; and
3. The Final EIR reflects the Board's independent judgment and analysis; and

Adopt Resolution No. F2006-01 which:

Continued on 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:	Positions To Be Deleted Per A-30	<input type="checkbox"/>
	Requires 4/5 Vote	<input type="checkbox"/>

C.E.O. RECOMMENDATION:

APPROVE

County Executive Office Signature

Consent
 Policy

 Consent
 Policy

 Dept't Recomm.:
 Per Exec. Ofc.:

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

SUBJECT: Public Hearing for the Homeland and Romoland Master Drainage Plans
(Revision No. 1)

SUBMITTAL DATE: January 24, 2006

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Finds that the environmental effects of the project have been adequately addressed in the Final EIR (SCH#2003111131), selects the Proposed Project Alternative, incorporates mitigation measures, includes findings and a statement of overriding considerations;

finds that the project is in compliance with the Western Riverside County MSHCP;

authorizes the District to proceed with the project; and

directs the Clerk of the Board to deliver the Notice of Determination to the office of the County Clerk and the State Office of Planning and Research for filing within 5 working days of this Board hearing.

BACKGROUND:

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

2 RESOLUTION NO. F2006-01
3 ADOPTING CEQA FINDINGS, MITIGATION MEASURES, STATEMENT OF
4 OVERRIDING CONSIDERATIONS, AND APPROVING THE
5 HOMELAND MASTER DRAINAGE PLAN (REVISION NO. 1) AND
6 ROMOLAND MASTER DRAINAGE PLAN (REVISION NO. 1) PROJECT

7 WHEREAS, on December 20, 2005 the Board of Supervisors of the Riverside
8 County Flood Control and Water Conservation District (hereinafter referred to as the "Board")
9 adopted Resolution No. F2005-27, giving notice of its intention to approve the Homeland Master
10 Drainage Plan (Revision No. 1) and Romoland Master Drainage Plan (Revision No. 1) Project
11 (hereinafter referred to as the "Project") in Zone 4, partially within the city of Perris and the
12 unincorporated communities of Homeland and Romoland, and giving further notice that the
13 Project will be considered at a public hearing on January 24, 2006; and

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

17 WHEREAS, a Final Environmental Impact Report (EIR) was prepared in
18 accordance with the California Environmental Quality Act (hereinafter referred to as "CEQA")
19 and the District's Rules to Implement the Act; and

20 WHEREAS, the Final EIR thoroughly addresses the environmental effects of
21 implementing the Project, including the construction, operation and maintenance of the various
22 improvements identified therein; and

23 WHEREAS, the Board has considered Alternatives 1 and 2 set forth in the Final
24 EIR; and the Board has selected the Project for approval; and

25 WHEREAS, the Mitigation Measure Summary and the Mitigation
26 Monitoring/Reporting Program, which are attached hereto as Exhibit "A" and incorporated
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1 herein by this reference, summarize the potential impacts of the Project and the mitigation
2 measures to be incorporated therein; and

3 WHEREAS, the Board, acting as lead agency under CEQA hereby certifies that it
4 has reviewed and considered the Final EIR, the Mitigation Measures and the Mitigation
5 Monitoring/Reporting Program in evaluating the Project; and

6 WHEREAS, the Final EIR, the Mitigation Measures and the Mitigation
7 Monitoring/Reporting Program are incorporated herein by this reference in their entirety.

8 NOW, THEREFORE, BE IT RESOLVED, FOUND, DETERMINED AND
9 ORDERED by the Board of Supervisors of the Riverside County Flood Control and Water
10 Conservation District, State of California, in regular session assembled on January 24, 2006,
11 based upon the evidence and testimony presented on the matter, both written and oral, including
12 the Final EIR, that:
13

- 14 1. The Project is partially within the Criteria Area set forth in and established
15 by the Western Riverside County Multiple Species Habitat Conservation
16 Plan (MSHCP) and is specifically within Subunit 4 (San Jacinto River) of
17 the Mead Valley Area Plan and Cell Nos. 3467 and 3470.
- 18 2. The Project has been reviewed and analyzed and it has been determined by
19 District Staff that the Project is consistent with the Criteria for Cell Nos.
20 3467 and 3470. Pursuant to this review and analysis, it was concluded
21 that only Lines A and A-15 lie within the southern and eastern portions of
22 Cell No. 3467 and the southeast corner of Cell No. 3470. Additionally, it
23 was determined that these lines as currently located are not within any area
24 described as necessary for inclusion in the MSHCP Conservation Area.
25 See MSHCP Compliance Report dated June 2005 by Albert A. Webb
26 Associates for the Project.
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1 3. The Project has not been submitted to and reviewed by the Western
2 Riverside County Regional Conservation Authority (RCA) pursuant to the
3 Joint Project Review (JPR) process. Pursuant to a letter received from the
4 RCA General Manager dated June 7, 2005, it was determined that the
5 Project would be submitted to the RCA for JPR prior to the initiation of
6 any construction activities involving Lines A and A-15 and after adequate
7 information exists concerning the ultimate design and configuration of
8 these facilities taking into consideration any future San Jacinto River flood
9 control project.
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11 4. The Project is consistent with the Riparian/Riverine Areas and Vernal
12 Pools requirements of the MSHCP. Pursuant to Section 6.1.2 of the
13 MSHCP, an assessment of the potentially significant effects on
14 Riparian/Riverine Areas and Vernal Pools which includes identification
15 and mapping of such areas located within the Project boundaries is
16 required. It has been determined that although the Project does not
17 contain any vernal pools, the Project area does include Riparian/Riverine
18 Areas as defined by the MSHCP which have been mapped. However, the
19 proposed facility alignments established by the Project avoid these
20 mapped Riparian/Riverine Areas. In addition, the proposed facility
21 alignments do not contain suitable habitat for least Bell's vireo,
22 Southwestern Willow Flycatcher, Western Yellow-billed cuckoo,
23 Riverside fairy shrimp, Santa Rosa Plateau fairy shrimp, or the vernal pool
24 fairy shrimp. See MSHCP Compliance Report dated June 2005 by Albert
25 A. Webb Associates for the Project.
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1 5. The Project is consistent with the Narrow Endemic Plant Species
2 requirements of the MSHCP. Pursuant to Section 6.1.3 of the MSHCP,
3 habitat assessments and/or focused surveys for certain narrow endemic
4 plant species are required for properties within mapped survey areas. The
5 survey area maps included within the MSHCP have been reviewed and six
6 of the proposed facilities established by the Project are partially or entirely
7 located within the survey areas for smooth tarplant, San Jacinto Valley
8 Crownscale, Thread-leaved brodiaea and Spreading Navarretia. A focused
9 survey was conducted in the proposed alignment of Line A. No sensitive
10 plant species, including narrow endemics, were found in the Line A
11 alignment. Additionally, it was determined from the habitat assessment
12 conducted for Lines A-15, A-15a, A-14, A-14a and A-12 that suitable
13 habitat for the affected narrow endemic plants does not occur within the
14 facility alignments. Therefore, no further assessments and/or surveys or
15 conservation measures are required.
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18 6. The Project is consistent with the Urban/Wildlands Interface Guidelines
19 established by the MSHCP. Pursuant to Section 6.1.4 of the MSHCP,
20 projects in close proximity to the MSHCP Conservation Area are required
21 to incorporate mechanisms to address indirect effects to the MSHCP
22 Conservation Area. Portions of this Project are adjacent to the MSHCP
23 Conservation Area and the Project has been designed to address the
24 guidelines set forth in Section 6.1.4. The Project has incorporated certain
25 design features and mitigation measures as set forth in the MSHCP
26 Consistency Report prepared by Albert A. Webb Associates dated June
27 2005 in order to ensure compliance with Section 6.1.4 of the MSHCP.
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1 7. The Project is consistent with the Database Updates/Additional surveys
2 requirements of the MSHCP. Pursuant to Section 6.3.2 of the MSHCP,
3 habitat assessments and/or focused surveys for certain additional plant and
4 animal species are required for properties within mapped survey areas.
5 The survey area maps have been reviewed and the Project is within a
6 mapped survey area for the Burrowing Owl. Habitat assessments and
7 focused surveys were conducted for the Burrowing Owl pursuant to
8 accepted protocol as indicated in the MSHPC Consistency Report
9 prepared by Albert A. Webb Associates dated June 2005. The focused
10 surveys conducted on the Project site revealed only two individual
11 burrowing owls in the surrounding area and no owls were recorded in the
12 facilities' alignments or basin locations. Therefore, no further surveys or
13 conservation measures are required at this time. However, prior to any
14 grading or site disturbance of the Project site, a 30 day pre-construction
15 survey for the Burrowing Owl is required by the MSHCP and will be
16 implemented due to the presence of suitable habitat for this species on the
17 Project site. Any Burrowing Owls discovered onsite will be passively
18 relocated following accepted protocols.

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21 8. The Project is consistent with the Guidelines for Facilities Within the
22 Criteria Area and Public/Quasi-Public Lands. Specifically, the Project
23 shall implement the construction guidelines set forth in Appendix F and
24 the best management practices set forth in Appendix C during construction
25 of the MDP facilities, where applicable.

26
27 9. The environmental effects of the Project have been adequately addressed
28 in the Final EIR.

1 10. The following potential impacts associated with the Project are not
2 considered significant:

- 3 • Aesthetics
- 4 • Geology/Soils
- 5 • Hydrology/Water Quality
- 6 • Land Use/Planning
- 7 • Mineral Resources
- 8 • Noise
- 9 • Public Services
- 10 • Recreation
- 11 • Transportation/Traffic
- 12 • Utilities/Service Systems

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15 11. The following potential impacts associated with the Project are considered
16 significant, but will be avoided or substantially reduced to a less than
17 significant level, by the identified mitigation measures:

18 A. AIR QUALITY

19 Potential Impact:

20 The Project's short-term construction emissions were found
21 to be above the South Coast Air Quality Management
22 District (SCAQMD) significance thresholds for ROG,
23 NOx, CO, and PM-10. However, because the temporary
24 emissions will be limited to construction of the MDP
25 facilities only, and not result in long-term emissions,
26 potential impacts were found to be less than significant
27 after mitigation measures are incorporated. The Board
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1 finds that the mitigation measures listed below will reduce
2 the Project's short term impacts to air quality to less than
3 significant levels.

4 Mitigation:

5 The Mitigation Measures in Section III - Air Quality of the
6 Final EIR, as described by Exhibit A attached hereto, are
7 hereby incorporated by reference.

8 B. BIOLOGICAL RESOURCES

9 Potential Impact:

10 Potential impacts to riparian habitat and jurisdictional
11 resources could be significant. The Project may affect a
12 California species of special concern (i.e., burrowing owl).
13 The Board finds that the mitigation measures listed below
14 will reduce the Project's potential impacts to biological
15 resources to a less than significant level.
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17 Mitigation:

18 The Mitigation Measures in Section III - Biological
19 Resources of the Final EIR, as described by Exhibit A
20 attached hereto, are hereby incorporated by reference.
21

22 C. CULTURAL RESOURCES

23 Potential Impact:

24 Construction activities could potentially disturb buried
25 archaeological resources. The initial Line A/Line 1 System
26 facilities were surveyed for potential impacts to cultural
27 resources, and cultural resources were not found.
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However, the Mapes and Melba Basins are future facilities that may contain cultural resources. Therefore, mitigation measures addressing the future construction of Mapes and Melba Basins are included in the Final EIR. The Board finds that the mitigation measures listed below will reduce the Project's potential impacts to unknown buried cultural resources to a less than significant level.

Mitigation:

The Mitigation Measures in Section III - Cultural Resources of the Final EIR, as described by Exhibit A attached hereto, are hereby incorporated by reference.

D. HAZARDS AND HAZARDOUS MATERIALS

Potential Impact:

The Project area was evaluated for recorded sites that could pose a potential hazard to the public or environment. Significant sites were not identified within the project footprint. However, since the final alignments or the status of hazardous sites could change when future facilities are actually constructed, a mitigation measure is needed to address the potential for hazardous sites to be impacted by the future facilities. The Board finds that the mitigation measure listed below will reduce the Project's impacts to hazards and hazardous materials to less than significant levels.

Mitigation:

1 The Mitigation Measures in Section III - Hazards and
2 Hazardous Materials of the Final EIR, as described by
3 Exhibit A attached hereto, are hereby incorporated by
4 reference.
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6 BE IT FURTHER RESOLVED by the Board that the following potential impacts
7 may not be fully mitigated despite the inclusion of all available mitigation measures and requires
8 a statement of overriding considerations:

9 A. AGRICULTURAL RESOURCES

10 Potential Impact:

11 The Project may indirectly result in development of adjacent areas
12 by providing flood control infrastructure. Such indirect
13 development could result in the conversion of agricultural lands
14 into non-agricultural uses. These areas have previously been
15 designated for non-agricultural uses in the adopted general plans.
16 Nonetheless, some agricultural lands could be directly and
17 indirectly impacted by the Project. Potential direct impacts are less
18 than significant due to the limited impact area. Mitigation
19 measures for potential indirect effects are infeasible, since the
20 District does not have the necessary land use authority to impose
21 CEQA mitigation measures upon offsite development projects.
22 Therefore, impacts related to loss of agricultural resources are
23 potentially significant and inmitigable.
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B. POPULATION AND HOUSING

Potential Impact:

The Project could indirectly induce substantial population growth by removing an obstacle to offsite development. The adopted Riverside County General Plan and the City of Perris General Plan outlines the types of development and growth that are planned for the Project area. The Project will provide flood control infrastructure consistent with the planned land uses. Although the Project's potential growth inducement impacts would not exceed the impacts that have already been addressed during the adoption of the above general plans, the CEQA documents for the general plans conclude that growth inducement impacts could be significant and adverse. In addition, the District does not have land use authority over any development that may occur subsequent to the approval of the Project. Therefore, there are no feasible mitigation measures which the Board could adopt that would lessen, reduce or remove the potential indirect growth inducing impacts of the Project.

BE IT FURTHER RESOLVED by the Board that it has considered and rejected the following alternatives identified in the Final EIR:

- A. Alternative 1: No Project – Existing MDPs. This alternative would consist of the previously adopted 1982 Homeland MDP and 1988 Romoland MDP. The existing MDPs were determined to be less desirable based on various cost, engineering, hydraulic, right-of-way and environmental

1 issues. The No-Project Alternative is hereby rejected by the Board for the
2 following reasons:

3 (1) The No-Project Alternative would not include the proposed Briggs
4 Road and Juniper Flats Detention Basins, which reduce peak flow
5 rates and allow for the construction of smaller and, therefore, less
6 costly facilities downstream of the detention basins. Furthermore,
7 the potential water quality and biological benefits provided by the
8 proposed basins would not be realized.

9 (2) The No-Project Alternative would include the previously adopted
10 alignment of Romoland MDP Line A, which is not consistent with
11 approved development west of the I-215 and would result in
12 greater potential adverse impacts to biological resources (e.g.,
13 sensitive plants and jurisdictional resources).

14 (3) The No-Project Alternative would include several open channel
15 sections that would not be allowed on Southern California Edison's
16 property.

17 (4) The No-Project Alternative would include proposed facilities that
18 could not be constructed due to conflicts with Southern California
19 Edison's Valley Substation.
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22 B. Alternative 2: Revised MDPs – with Earthen Channels. Alternative 2
23 would consist of revising the previously adopted Homeland and Romoland
24 MDPs as described in the Project, however, all the proposed open concrete
25 channels would consist of earthen channels. Under Alternative 2, no
26 changes to the proposed underground storm drains would be made due to
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1 their location in road rights-of-way or developed parcels. Alternative 2 is
2 hereby rejected by the Board for the following reasons:

- 3 (1) The additional right-of-way required for earthen channels for the
4 entire length of all the proposed open channels is cost prohibitive.
- 5 (2) High velocity flows would continually erode earthen channels
6 easterly of I-215 and substantially increase maintenance costs and
7 water quality impacts. This alternative may not meet the Project
8 objectives.
- 9 (3) It may be hydraulically infeasible to transition large quantities of
10 flow from wide earthen channels to underground storm drains and
11 existing bridges. This alternative may not meet the Project
12 objectives.
- 13 (4) Alternative 2 could result in greater direct impacts to agricultural
14 lands than the Project.
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16 BE IT FURTHER RESOLVED by the Board that it has balanced the benefits of
17 the Project against the unavoidable adverse environmental affects thereof. The Board finds that
18 the benefits of the Project outweigh the unavoidable significant effects on Agricultural Resources
19 and the potential adverse effects resulting from indirect Population and Housing growth.
20 Therefore, the Board finds that the significant adverse environmental effects of the Project are
21 "acceptable" in light of the following benefits.
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23 Facts Supporting Finding:

- 24 (1) The Project area has experienced significant flooding in the past. As the
25 area continues to urbanize, flood damages are expected to increase. A
26 master planned drainage system is needed to safely convey stormwater
27 runoff through the area with the least interruption to public services. In
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1 conjunction with ultimate street improvements, the Project will provide
2 100-year flood protection to existing and planned development, including
3 infrastructure and public roads, thereby providing numerous benefits to
4 public health and safety.

5 (2) Public costs associated with reoccurring flood damages will be
6 substantially reduced by the Project.

7 (3) A more orderly growth pattern can safely occur with the master planned
8 drainage system provided by the Project.

9 (4) The Project is the most feasible and least costly of the alternatives studied.

10 (5) The Project lends itself to staged construction as funds become available.

11 BE IT FURTHER RESOLVED by the Board that the Final EIR is hereby
12 certified, the Mitigation Measure Summary, the Mitigation Monitoring/Reporting Program and
13 the findings set forth herein are hereby adopted, the Project is hereby approved, and the District
14 is hereby authorized to proceed therewith.

15
16 BE IF FURTHER RESOLVED by the Board that within 5 working days of this
17 Board hearing, the Clerk of the Board is directed to deliver the Notice of Determination for the
18 Project to the Office of the County Clerk and Recorder, who is hereby directed to file same, and
19 the Clerk of the Board is further directed to deliver the Notice of Determination to the State
20 Office of Planning and Research, all as required by law.

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23 RS:mcv
24 P8\103386

25 APPROVED AS TO FORM
26 December 8, 2005

27 By: Katherine Lind
28 Katherine Lind
Deputy County Counsel

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

**HOMELAND AND ROMOLAND MDPs FINAL EIR
RESOLUTION NO. F2006-01**

**EXHIBIT "A"
MITIGATION MEASURE SUMMARY
MITIGATION MONITORING/REPORTING PROGRAM**

1. AGRICULTURAL RESOURCES

Implementation of the Project may result in significant impacts related to the loss of agricultural resources through indirect encouragement of development. No feasible mitigation measures are available, therefore, potential significant impacts will result, and a Statement of Overriding Considerations is required.

2. AIR QUALITY

The following measures would be implemented to reduce the potentially significant impacts to a less than significant level:

- 2a. MM Air 1: Mobile construction equipment will be properly maintained, which includes proper tuning and timing of engines. Construction contractors will keep equipment maintenance records and equipment design specification data sheets onsite during construction and turn in the records to the District.
- 2b. MM Air 2: Temporary traffic control (e.g., flag person) will be provided during soil transport activities. Contractors shall be advised not to idle trucks onsite for more than ten minutes.
- 2c. MM Air 3: In order to control dust emissions, any grading activities shall comply with the SCAQMD Rule 403 or any amendments thereto. Any applicable Rule 403 dust control measures shall be implemented. A log of all implemented dust control measures shall be maintained onsite during construction and subject to review and approval by the District. If any construction phases meet the Rule 403 definition of "Large Operations," a dust control plan shall be prepared, submitted to the SCAQMD, and implemented.
- 2d. MM Air 4: Prior to the construction of each phase of the future facilities, an air quality analysis shall be performed, using the latest SCAQMD modeling method and thresholds.

3. BIOLOGICAL RESOURCES

The following mitigation measures shall be implemented to reduce impacts related to biological resources to less than significant levels:

- 3a. MM Bio 1: Pre-construction presence/absence surveys for burrowing owl within the MSHCP Burrowing Owl Survey Area where suitable habitat is present shall be conducted. These areas are identified in the MSHCP Compliance Report contained in Appendix C of the Final EIR. Surveys shall be conducted utilizing approved protocols. Surveys shall be conducted within 30 days prior to

disturbance. Take of active nests shall be avoided. If burrowing owls cannot be avoided, active or passive relocation (use of one way doors and collapse of burrows) shall occur outside the burrowing owl nesting season (February 1st to August 31st). Construction of replacement burrowing owl burrows within the proposed detention basins shall be considered.

- 3b. MM Bio 2: A final MSHCP Section 6.1.2, Riparian/Riverine Impact Analysis will be completed prior to the construction of the Line A and Line A-15 outlets near the San Jacinto River channel or for any other impacted areas that meet the Section 6.1.2 definition of Riparian/Riverine or Vernal Pool.
- 3c. MM Bio 3: Final jurisdictional delineations shall be obtained prior to construction of the lower reach of Line A, Line A-15, Briggs Road Basin, Line 4, Juniper Flats Basin and Mapes Basin to determine the extent of impact to jurisdictional waters of the U.S., waters of the State and/or streambeds regulated by the ACOE, RWQCB and CDFG. Applicable permits shall be obtained prior to construction if jurisdictional resources will be impacted.
- 3d. MM Bio 4: Romoland MDP Lines A and A-15 shall be designed to avoid or reduce impacts to Riparian Habitat areas shown on Figure III-3-A to the maximum extent feasible. Any applicable permits from the ACOE, RWQCB and CDFG shall be obtained prior to disturbing any riparian habitat. Proof of compliance with Section 6.1.2 of the MSHCP shall be demonstrated prior to disturbing any riparian habitat that meets the criteria of Section 6.1.2. In accordance with Section 13.4.B of the MSHCP Implementation Agreement, the District shall contribute mitigation through payment of 3% of total capital costs. Such payment may be offset through acquisition of replacement habitat or creation of new habitat. This mitigation must be implemented prior to impacts to Covered Species or their habitat.

4. CULTURAL RESOURCES

The following mitigation measures would reduce potential impacts on cultural resources below the level of significance.

- 4a. MM Cul 1: A cultural resource survey at the Mapes and Melba Basins shall be conducted by the District or designee prior to construction. If significant cultural resources are found, additional actions, such as further study and salvage, in accordance with the recommendations of a professional archeologist shall be completed prior to construction of these basins.
- 4b. MM Cul 2: Should any unknown cultural and/or archaeological resources be uncovered during construction, construction activities shall be temporarily diverted to other parts of the project area away from the find until a qualified archaeologist determines the significance of these resources. If the find is determined to be an historical or unique archaeological resource, as defined in Section 15064.5 of the CEQA Guidelines, avoidance or other conservation measures as recommended by a qualified archaeologist shall be implemented.
- 4c. MM Cul 3: If fossil bearing soils are encountered and impacted by extensive/deep excavations and/or fossils are identified during any excavations, a qualified paleontologist shall be contacted and permitted to recover and evaluate the find(s). The paleontologist will be required to place any collected fossils in an accredited scientific institution for the benefit of current and future generations.

4d. MM Cul 4: Although the project is not expected to impact human remains, if human remains are uncovered at any time, the County Coroner shall be notified and all activities in the area of the find shall be halted. If the Coroner determines that the remains are of Native American origin, the Native American Heritage Commission shall be notified and consultation with local Native American representatives shall be initiated to determine the disposition of the remains in accordance with State and County guidelines.

5. **HAZARDS AND HAZARDOUS MATERIALS**

The following mitigation measures would reduce potential impacts on hazards and hazardous materials below the level of significance.

5a. MM Haz 1: Prior to construction of future facilities, an environmental regulatory database search shall be conducted in order to determine if proposed facilities would be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5. If hazardous waste sites occur, further remedial actions shall be taken to ensure that hazardous materials are removed prior to construction.

6. **HYDROLOGY AND WATER QUALITY**

All impacts were found to be less than significant through design considerations and compliance with existing regulations. No mitigation measures are required.

7. **POPULATION AND HOUSING**

Implementation of the Project may result in significant indirect impacts related to population growth through potential encouragement of development. No feasible mitigation measures are available, therefore, significant impacts may occur, and a Statement of Overriding Considerations is required.

HOMELAND AND ROMOLAND MDPs/ADP

FINAL EIR

Impact Category	Impact	Mitigation Measure	Implementation Timing	Responsible Party	Reporting Method
Air Quality	Violate any ambient air quality standard or contribute substantially to an existing or projected air quality violation.	MM Air 1: Mobile construction equipment will be properly maintained, which includes proper tuning and timing of engines. Construction contractors will keep equipment maintenance records and equipment design specification data sheets onsite during construction and turn in the records to the District.	Construction start to completion	Riverside County Flood Control and Water Conservation District ("District") or designee	Equipment Maintenance Records
Air Quality	Violate any ambient air quality standard or contribute substantially to an existing or projected air quality violation.	MM Air 2: Temporary traffic control (e.g., flag person) will be provided during soil transport activities. Contractors shall be advised not to idle trucks onsite for more than ten minutes.	Construction start to completion	District or designee	Review or Condition Construction Specifications
Air Quality	Result in a cumulatively considerable increase in a criteria pollutant under non-attainment.	MM Air 3: In order to control dust emissions, any grading activities shall comply with the SCAQMD Rule 403 or any amendments thereto. Any applicable Rule 403 dust control measures shall be implemented. A log of all implemented dust control measures shall be maintained on-site during construction and subject to review and approval by the District. If any construction phases meet the Rule 403 definition of "Large Operations," a dust control plan shall be prepared, submitted to the SCAQMD, and implemented.	Construction start to completion	District or designee	Review or Condition Construction Specifications

**HOMELAND AND ROMOLAND MDPs/ADP
FINAL EIR**

Impact Category	Impact	Mitigation Measure	Implementation Timing	Responsible Party	Reporting Method
Air Quality	Violate any ambient air quality standard or contribute substantially to an existing or projected air quality violation.	MM Air 4: Prior to the construction of each phase of the future facilities, an air quality analysis shall be performed, using the latest SCAQMD modeling method and thresholds.	Prior to construction	District or designee	Air Quality Impact Analysis Report
Biological Resources – Burrowing Owl	Adversely affect any endangered or threatened species or any species identified as candidate, sensitive, or special status.	MM Bio 1: Pre-construction presence/absence surveys for burrowing owl within the MSHCP Burrowing Owl Survey Area where suitable habitat is present shall be conducted. These areas are identified in the MSHCP Compliance Report contained in Appendix C of the DEIR. Surveys shall be conducted utilizing approved protocols. Surveys shall be conducted within 30 days prior to disturbance. Take of active nests shall be avoided. If burrowing owls cannot be avoided, active or passive relocation (use of one way doors and collapse of burrows) shall occur outside the burrowing owl nesting season (February 1 st to August 31 st). Construction of replacement burrowing owl burrows within the proposed detention basins shall be considered.	Within 30-days prior to construction start	District or designee	Burrowing Owl Pre-construction Survey Report

HOMELAND AND ROMOLAND MDPs/ADP

FINAL EIR

Impact Category	Impact	Mitigation Measure	Implementation Timing	Responsible Party	Reporting Method
Biological Resources – Riparian Vegetation	Adversely affect any endangered or threatened species or any species identified as candidate, sensitive, or special status.	MM Bio 2: A final MSHCP Section 6.1.2, Riparian/Riverine Impact Analysis will be completed prior to the construction of the Line A and Line A-15 outlets near the San Jacinto River channel or for any other impacted areas that meet the Section 6.1.2 definition of Riparian/Riverine or Vernal Pool.	Prior to construction	District or designee	Riparian/Riverine Impact Analysis Report
Biological Resources – Riparian Vegetation	Adversely affect any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the CDFG or FWS.	MM Bio 3: Final jurisdictional delineations shall be obtained prior to construction of the lower reach of Line A, Line A-15, Briggs Road Basin, Line 4, Juniper Flats Basin and Mapes Basin to determine the extent of impact to jurisdictional waters of the U.S., waters of the State and/or streambeds regulated by the ACOE, RWQCB and CDFG. Applicable permits shall be obtained prior to construction if jurisdictional resources will be impacted.	Prior to construction	District or designee	Jurisdictional Delineation Report
Biological Resources – Riparian Vegetation	Adversely affect any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the CDFG or FWS.	MM Bio 4: Romoland MDP Lines A and A-15 shall be designed to avoid or reduce impacts to Riparian Habitat areas shown on Figure III-3-A to the maximum extent feasible. Any applicable permits from the ACOE, RWQCB and CDFG shall be obtained prior to disturbing any riparian habitat. Proof of compliance with Section 6.1.2 of the MSHCP shall be	Prior to construction	District or designee	Proof of Permits, Section 6.1.2 analysis or final design drawings showing avoidance

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Impact Category	Impact	Mitigation Measure	Implementation Timing	Responsible Party	Reporting Method
Cultural Resources	Cause a substantial adverse change in the significance of an archaeological resource, historic resource or destroy a unique paleontological resource or site, or unique geologic feature.	demonstrated prior to disturbing any riparian habitat that meets the criteria of Section 6.1.2. In accordance with Section 13.4.B of the MSHCP Implementation Agreement, the District shall contribute mitigation through payment of 3% of total capital costs. Such payment may be offset through acquisition of replacement habitat or creation of new habitat. This mitigation must be implemented prior to impacts to Covered Species or their habitat.	Prior to construction	District or designee	Cultural Resources Report
Cultural Resources	Cause a substantial adverse change in the significance of an archaeological resource or an historical resource.	<p>MM Cul 1: A cultural resource survey at the Mapes and Melba Basins shall be conducted by the District or designee prior to construction. If significant cultural resources are found, additional actions, such as further study and salvage, in accordance with the recommendations of a professional archeologist shall be completed prior to construction of these basins.</p> <p>MM Cul 2: Should any unknown cultural and/or archaeological resources be uncovered during construction, construction activities shall be temporarily diverted to other parts of the project area away from the find until and a qualified</p>	Construction start to completion	District or designee	Archaeological Monitoring Report, if needed

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		archaeologist determines the significance of these resources. If the find is determined to be an historical or unique archaeological resource, as defined in Section 15064.5 of the CEQA Guidelines, avoidance or other conservation measures as recommended by a qualified archaeologist shall be implemented.			
Cultural Resources	Destroy a unique paleontological resource or site, or unique geologic feature.	MM Cul 3: If fossil bearing soils are encountered and impacted by extensive/deep excavations and/or fossils are identified during any excavations, a qualified paleontologist shall be contacted and permitted to recover and evaluate the find(s). The paleontologist will be required to place any collected fossils in an accredited scientific institution for the benefit of current and future generations.	Construction start to completion	District or designee	Paleontological Monitoring Report, if needed
Cultural Resources	Cause a substantial adverse change in the significance of an archaeological resource or an historical resource.	MM Cul 4: Although the project is not expected to impact human remains, if human remains are uncovered at any time, the County Coroner shall be notified and all activities in the area of the find shall be halted. If the Coroner determines that the remains are of Native American origin, the Native American Heritage Commission shall be notified and consultation with local Native American representatives shall be initiated to	Construction start to completion	District or designee	Coroner's Report, if needed

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Impact Category	Impact	Mitigation Measure	Implementation Timing	Responsible Party	Reporting Method
Hazards & Hazardous Materials	Project is located on a site which is included on a list of hazardous materials sites and, as a result, would create a significant hazard to the public or the environment.	<p>determine the disposition of the remains in accordance with state and county guidelines.</p> <p>MM Haz 1: Prior to construction of future facilities, an environmental regulatory database search shall be conducted in order to determine if proposed facilities would be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5. If hazardous waste sites occur, further remedial actions shall be taken to ensure that hazardous materials are removed prior to construction.</p>	Prior to construction of future facilities	District or designee	Hazardous Material Site Database Report