

ENVIRONMENTAL CHECKLIST FORM

1. Project Title: San Jacinto Valley Master Drainage Plan and San Jacinto Regional Area Drainage Plan Amendment
2. Lead Agency Name and Address:
City of San Jacinto
595 S. San Jacinto Avenue
San Jacinto, CA 92583
3. Contact Person and Phone Number: Eric Skaugset, Assistant City Engineer (951) 487-7330
4. Project Location: City of San Jacinto, City of Hemet, and adjacent unincorporated surrounding areas in Riverside County California (**Figure 1, Vicinity Map**)
5. Project Sponsor's Name and Address:
City of San Jacinto
595 S. San Jacinto Avenue
San Jacinto, CA 92583
6. General Plan Land Use Designation: The proposed project will affect properties in several planning jurisdictions including portions of the City of San Jacinto and Hemet, and portions of unincorporated Riverside County. The proposed project boundary will encompass properties with Agriculture, Low Density Residential, Medium Density Residential, High Density Residential, Mixed Use Policy Area, Rural Residential, and Very Low Density Residential land use designations.
7. Zoning: The zoning designations in the project area generally match the general plan designations and include (A-1-5, A-2, A-2-10, C-P-S, R-1, R-1-9000, R-2, R-2-6000, R-2A R-3, R-A, R-A-1, R-A-1.25, R-A-1.5, R-A.5, R-A-5, R-A-10 R-T, W-1, W-2, W-2-10).
8. Description of Project: (Describe the whole action involved, including but not limited to later phases of the project, and any secondary, support, or off-site features necessary for its implementation. Attach additional sheet(s) if necessary.)

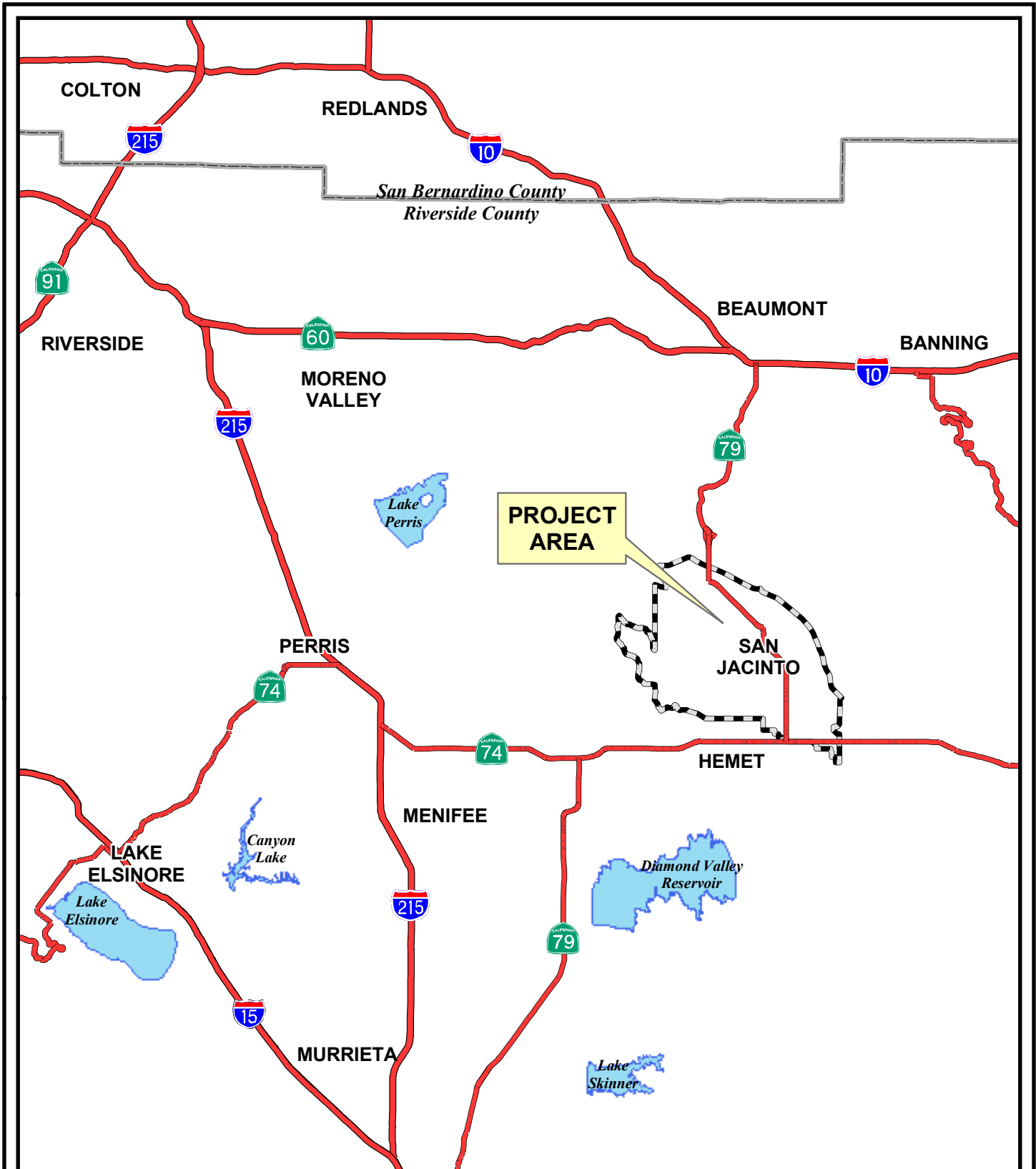
The City of San Jacinto (City) proposes to revise and consolidate two existing and previously adopted Master Drainage Plans (MDPs) located in portions of the Cities of San Jacinto and Hemet and unincorporated Riverside County, California (See **Figure 1, Vicinity Map**). The [updated] San Jacinto Valley MDP will also address City areas outside of the boundaries of the adopted MDPs. The consolidated plan will be called the San Jacinto Valley MDP. After adoption, the newly created San Jacinto Valley MDP will supersede the San Jacinto MDP and Northwest Hemet MDP. The San Jacinto Valley MDP facilities and alignments are represented in **Figure 2, Proposed Project**. The proposed project also includes amending the San Jacinto Regional Area Drainage Plan.

San Jacinto Valley Master Drainage Plan

MDPs are conceptual planning documents that address the current and future drainage needs of a given community. The boundary of the plan usually follows regional watershed limits. The proposed drainage facilities may include channels, storm drains, levees, basins, dams, or any other conveyance capable of feasibly relieving flooding problems within the plan area. The plan includes an estimate of facility capacity, sizes, and costs.

MDPs are prepared for a variety of purposes. First, to identify solutions to existing flood hazards, second, to provide a guide for the orderly development of the community, and third, to provide an estimate of costs to resolve flooding issues within a community.

There are some areas just south of the San Jacinto River that were not included in either of the earlier MDPs. Some of that area is within the existing San Jacinto River floodplain and had been anticipated to remain agricultural lands. However, the construction of the proposed San Jacinto River Stage 4 Levee, which is not a part of the proposed project, would remove a large area from the floodplain and allow development in this area. This proposed project will provide a drainage plan for that area.



Not to Scale

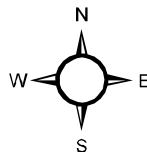
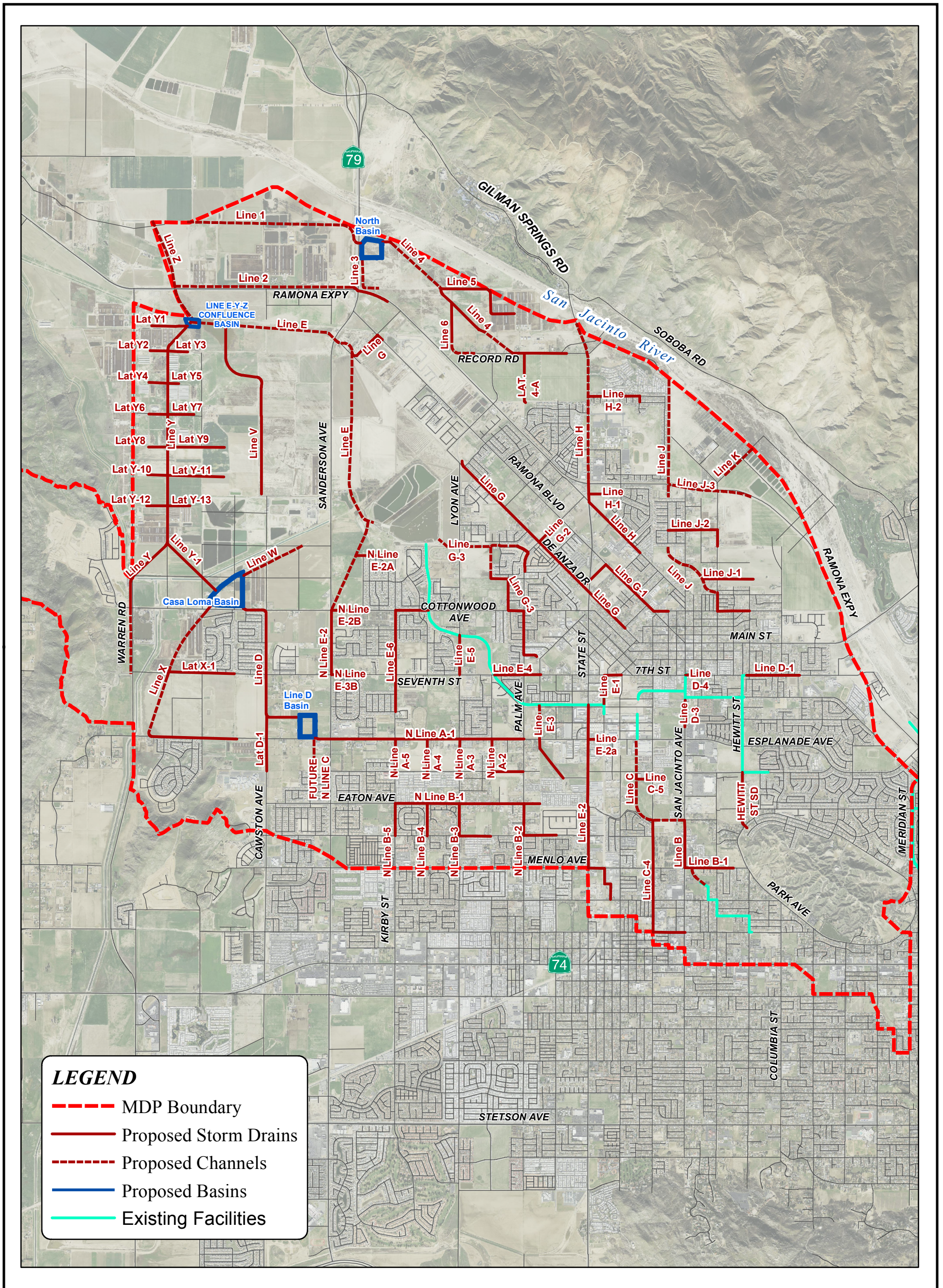


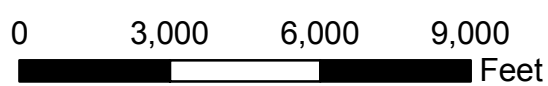
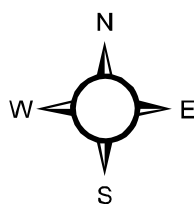
Figure 1
Vicinity Map



Source: Riverside County GIS, 2008

Figure 2

Proposed Project



The project consists of revising two MDPs, the MDP for the San Jacinto area and the MDP for the Northwest Hemet area, and consolidation into a single new San Jacinto Valley MDP. The proposed San Jacinto Valley MDP facility alignments and detention basin locations are represented in **Figure 2**.

Proposed drainage facilities within the project area were originally described in the San Jacinto MDP dated January 1982 (Revised July 1990) and the Northwest Hemet Area MDP dated January 1985. The proposed revisions and consolidation is the result of the re-evaluation and expansion of the original plans. After adoption, the newly created San Jacinto Valley MDP will supersede the San Jacinto 1990 and Northwest Hemet 1985 MDPs. The preliminary estimated total cost of the drainage improvements included in the consolidated San Jacinto Valley MDP is \$140,000,000.

The proposed San Jacinto Valley MDP is a planning document prepared by the City of San Jacinto (City) in coordination with the Riverside County Flood Control and Water Conservation District (District) that describes the type, size, and alignment of the major existing and proposed flood control facilities located within the plan boundaries. The MDP depicts a preliminary storm water drainage system that, when constructed in conjunction with ultimate street improvements, will contain the 100-year flood discharge and alleviate the primary sources of flooding within the MDP area. The proposed San Jacinto Valley MDP will serve as a guide to the long term planning for the future construction and maintenance of the proposed drainage facilities. It will also act as a guide for the location and size of drainage facilities that need to be constructed by the City of San Jacinto and/or others as the area develops, or facilities that need to be constructed to resolve existing flooding problems within developed areas. It is expected that many of the drainage facilities will be constructed in conjunction with other local development projects. Following adoption of the proposed San Jacinto Valley MDP, it is expected that proposed facility alignments will be reserved for the future construction of the facilities. The City of San Jacinto will approve the MDP as one step toward establishing a financing mechanism to provide funding for the proposed drainage facilities as the area develops.

The hydrology for the Northwest Hemet MDP and the San Jacinto MDP was based on NOAA Atlas-2 rainfall data. NOAA Atlas-14 data is now available, and has slightly higher values of rainfall for this area. In general, NOAA Atlas-2 rainfall data was used for analyzing areas tributary to existing facilities (e.g. Buena Vista Basin) and NOAA Atlas-14 (Version 4) rainfall data for analyzing areas tributary to proposed facilities (e.g. Northwest Hemet MDP Line D).

The following revisions were made within the previously adopted Northwest Hemet MDP Boundary: Northwest Hemet Line D (N Line D) has been upsized to accommodate NOAA Atlas-14 rainfall data. The area along the alignment of N Line D has already been developed, and as a result, N Line D must now be an underground facility. The Line D basin is now the downstream terminus of N Line C. N Line D now terminates just west of the intersection of Cawston and Cottonwood Avenues at the Casa Loma Basin. The portion of the previously adopted North West Hemet Line D, north of Cottonwood, is now known as Line V. Line V is proposed as an unlined open channel.

The following proposed revisions were made to the previously adopted San Jacinto MDP: Line G along Ramona Expressway, Line G along De Anza Drive, moving of Line G 300 feet downstream, removal of Line G between the San Jacinto Reservoir and De Anza. Line G-3 and Line G-3a were combined into Line G-3 with a new alignment which replaces 3,100 feet of the original Line G, and the outlet of Line E into the San Jacinto Reservoir. Line G-1 was realigned, Line C to the east of Hewitt Street was realigned to extend Line D-2 south to Washington Avenue, N Line E-2A, N Line E-3A, three laterals along Line E (Kirby Lateral, Lyon Avenue Lateral, and 7th Street Lateral) and Milwaukee SD were added. All other previously adopted alignments would remain unchanged.

The following facilities are proposed in areas outside the Northwest Hemet and San Jacinto MDPs: Lines 1, 2, 3, 4, 5, and 6; Lateral 4-A; the North Basin; Casa Loma Basin; Line X, Y, Y-1, W, and Z; Laterals D-1, X-1; and Laterals Y-1 to Y-13. Lines 1, 2, 3, and portions of Line 4 are located in areas that are relatively flat and velocities are very low. As such, this area can accommodate unlined trapezoidal channels. The remainder of Line 4, Lateral 4-A, and Line 6 are proposed as underground storm drains.

Proposed drainage facilities consist of reinforced concrete boxes, reinforced concrete pipes, open concrete channels, open earth channels, and earthen basins.

San Jacinto Regional Area Drainage Plan

As previously discussed, one of the purposes for which an MDP is prepared is to provide an estimate of costs to resolve flooding issues in a community. Cost estimates developed as part of the proposed San Jacinto Valley MDP will be used to amend the existing San Jacinto Regional Area Drainage Plan (ADP). ADPs are a financing mechanism used to offset taxpayer costs for proposed drainage facilities through the imposition of fees on new development within the plan area.

9. Surrounding Land Uses and Setting: (Briefly describe the project's surroundings.)

The Project area includes existing residential, commercial, and agricultural land uses and is characterized with open space and agricultural land uses. Topography of the site is generally flat ranging from 1,400 feet to 1,700 feet above sea level, and spans the San Jacinto Valley area east of the Lakeview Mountains, north of Diamond Lake, west of the unincorporated area Little Lake, and south of the San Jacinto River.

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

Riverside County Flood Control and Water Conservation District

The District owns and operates storm drains, channels and basins within the proposed MDP boundary. To the extent that flood control improvements are proposed that affect the District's facilities, coordination and approval from the District would be necessary.

U.S. Army Corps of Engineers

A Clean Water Act Section 404 permit will be required if the construction or maintenance of the proposed facilities involves the discharge of dredged or fill material within waters of the United States or adjacent wetlands.

Regional Water Quality Control Board, Santa Ana Region (RWQCB)

National Pollutant Discharge Elimination System (NPDES) General Construction Permits will be required for grading activities of one acre or larger.

If a 404 permit is required, then a Section 401 Water Quality Certification will be required.

A Waste Discharge Permit will be required if ground dewatering is necessary during tunneling activities or if waste is discharged into waters of the State.

California Department of Fish and Game

A Fish and Game Code Section 1600 Streambed Alteration Agreement will be required if a jurisdictional streambed or stream banks will be altered.

California Department of Transportation (Caltrans)

Encroachment permits for crossings of State Route 79 will be required.

Water Pollution Control Plans (WPCP) will also be required.

County of Riverside, City of San Jacinto, and City of Hemet

Encroachment permits will be required to construct the MDP facilities within road rights-of-way.

ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED:

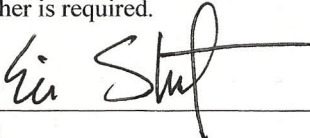
The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages.

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

DETERMINATION (To be completed by the Lead Agency):

On the basis of this initial evaluation:

- I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
- I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.
- I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.
- I find that the proposed project MAY have a "potentially significant" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.
- I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.



 Signature

4/13/2009

 Date

Eric Skaugset, P.E.

 Printed Name

City of San Jacinto

 For

EVALUATION OF ENVIRONMENTAL IMPACTS:

- 1) A brief explanation is required for all answers except “No Impact” answers that are adequately supported by the information sources that a lead agency cites in the parentheses following each question. A “No Impact” answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g. the project falls outside a fault rupture zone). A “No Impact” answer should be explained where it is based on project-specific factors as well as general standards (e.g. the project will not expose sensitive receptors to pollutants, based on a project-specific screening analysis).
- 2) All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.
- 3) Once the lead agency has determined that a particular physical impact may occur, and then the checklist answers must indicate whether the impact is potentially significant, less than significant with mitigation, or less than significant. “Potentially Significant Impact” is appropriate if there is substantial evidence that an effect is significant. If there are one or more “Potentially Significant Impact” entries when the determination is made, an EIR is required.
- 4) “Negative Declaration: Less Than Significant With Mitigation Incorporated” applies where the incorporation of mitigation measures has reduced an effect from “Potentially Significant Impact” to a “Less than Significant Impact.” The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level (mitigation measures from Section XVII, “Earlier Analyses,” may be cross-referenced).
- 5) Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration. Section 15063(c)(3)(D). In this case, a brief discussion should identify the following:
 - a) Earlier Analyses Used. Identify and state where they are available for review.
 - b) Impacts Adequately Addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.
 - c) Mitigation Measures. For effects that are “Less than Significant with Mitigation Measures Incorporated,” describe the mitigation measures which were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.
- 6) Lead agencies are encouraged to incorporate into the checklist references to the information sources for potential impacts (e.g. general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated.
- 7) Supporting Information Sources. A source list should be attached, and other sources used or individuals contacted should be cited in the discussion.
- 8) This is only a suggested form, and lead agencies are free to use different formats; however, lead agencies should normally address the questions from this checklist that are relevant to a project’s environmental effects in whatever format is selected.
- 9) The explanation of each issue should identify:
 - a) the significance criteria or threshold, if any, used to evaluate each question; and
 - b) the mitigation measure identified, if any, to reduce the impact to less than significance.

Issues:	Potentially Significant Impact	Less Than Significant With 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?

Sources: Project Design, Google Earth, RCIP

Immediate views in the project area include agricultural and rural residential land uses, and the nearby mountains (Lakeview, Dawson, and San Jacinto Mountains). More distant views in the area are of the San Bernardino Mountains to the north, the Santa Ana Mountains to the West, and the Palomar Mountain to the south.

The proposed project is located on the floor of the San Jacinto Valley. Topography of the site is generally flat ranging from 1,400 to 1,700 feet in elevation above sea level. To a large extent the proposed facilities will be located at grade or below the ground surface, including underground storm drains, open channels, and detention basins. The detention basins will be incised. Above ground features associated with the proposed facilities include detention basin embankments and maintenance roads adjacent to open channels. The detention basin embankments will be approximately three feet above ground and no greater than six feet above the ground. Open channel maintenance roads will be located no more than a couple of feet above the ground. The proposed facilities will not obstruct the views from the project area or substantially affect scenic vistas.

Exposed surfaces, construction debris, and construction equipment may temporarily impact the aesthetic quality of the immediate area. However, impacts will be short-term and will cease upon project completion. Therefore, they are considered to be less than significant. Thus, this issue will not be analyzed in the forthcoming EIR.

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

Sources: Project Design, Google Earth, Thomas Guide, RCIP

The City of San Jacinto General Plan contains several policies relating to the conservation and protection of natural resources, including conservation of important natural resources such as mature trees, rock outcroppings, hills, etc. Implementation of the proposed project may adversely affect important plant communities and wildlife habitats. The proposed drainage facility alignments are primarily within the road rights-of-way and disturbed agricultural areas. Areas where basins are planned are not located on elevated lands. Project compliance with City of San Jacinto General Plan policies relating to natural resources and resource management will be discussed in the forthcoming EIR.

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

Sources: Project Design, Thomas Guide

The proposed project is located in the City of San Jacinto and in unincorporated areas of Riverside County. Exposed surfaces, construction debris, and construction equipment may temporarily affect the aesthetic quality of the immediate area. Impacts will be short-term and will cease upon project completion. Therefore, they are considered to be less than significant. When construction is completed, the underground drainages will not be visible. The open storm channels and detention basins will be visible, but are features that are aesthetically consistent with rural residential development and therefore, will not substantially degrade the character or quality of the project area. This issue will not be analyzed in the forthcoming EIR.

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

Source: Project Design

The proposed flood control facilities would not require any lighting. The project does not generate any amount of light or glare; therefore, this will not conflict with any day or nighttime views in the area. Any lighting used during the

Issues:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
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construction phase will be temporary. The proposed flood control facilities will not create a new source of substantial light or glare. No impacts are anticipated. This issue will not be analyzed in the forthcoming EIR.

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 Dept. 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Sources: Conservation, Project Design

The proposed project includes a conceptual plan for the construction, operation, and maintenance of storm water conveyance facilities and detention basins. Designated Prime Farmland, Unique Farmland, and Farmland of Statewide Importance are mapped within the project vicinity. While proposed alignments near these designations occur within roadways or adjacent to roadways and will impact a relatively small footprint, the placement of the basins may affect designated Farmland. This issue will be discussed in the forthcoming EIR.

b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Source: Conservation

The California Land Conservation Act (CLCA) of 1965, also known as the Williamson Act, allows owners of agricultural land to have their properties assessed for tax purposes on the basis of agricultural production rather than current market value. Agricultural preserves are designated as conservation areas and allow agriculture and associated uses (including limited commercial, industrial, and single-family residential use), and open space.

The proposed storm water conveyance facilities will be located primarily within roadways and will require minimal right-of-way. However, the proposed detention basins and open channels are located adjacent to areas where a Williamson Act contract exists. As the project may impact Williamson Act land, potential impacts are considered significant and this issue will be discussed in the forthcoming EIR.

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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Source: Conservation

The proposed drainage facilities would not result in the direct conversion of farmland to non-agricultural uses other than the acreage within the proposed open channels and detention basins. However, installation of the proposed facilities may support additional growth within the MDP area. Therefore, the project may have significant impacts to designated Farmland through indirect growth inducing impacts. This issue will be discussed in the forthcoming EIR.

Issues:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
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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?

Sources: AQMP, Ord. 348, SCAQMD, Section 53091

The proposed project site is within the South Coast Air Basin (SCAB) which is in the jurisdiction of the South Coast Air Quality Management District (SCAQMD). The SCAQMD establishes the Air Quality Management Plan (AQMP) for the SCAB, which sets forth a comprehensive program that will lead the SCAB into compliance with all federal and state air quality standards. To achieve compliance with these standards, the AQMP establishes control measures and emission reductions based upon future development scenarios derived from land use, population, and employment characteristics defined in consultation with local governments. Accordingly, a project's conformance with the AQMP is determined by demonstrating that it is consistent with the local land use plans and/or population projections that were used in the AQMP. California Government Code Section 53091 and Riverside County Ordinance No. 348, Section 18.2, exempts public water facilities from local zoning regulations. Where no local exemption exists, the state exemption will apply. Since the proposed project is a MDP consisting of infrastructure that in and of itself will not result in any changes to the existing land use patterns in the project area, and the implementation of this project accommodates present and future development within the San Jacinto area, the project does not conflict with or obstruct the implementation of the AQMP. Potential impacts are less than significant and will not be addressed in the forthcoming EIR.

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

Source: Project Design

The proposed project will involve a conceptual plan for the construction, operation and maintenance of storm water conveyance facilities and detention basins. An analysis of impacts to air quality will be conducted for the proposed project by assuming the worst-case scenario (i.e. longest length of pipeline constructed at once, largest proposed basin construction and duration, etc.), and the project's consistency with air quality standards will be discussed in the forthcoming EIR.

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

Sources: AQMP, CARB, RCIP, SCAQMD, SJGP

The portion of the South Coast Air Basin within which the project is located is designated as a non-attainment area for ozone, PM-10, and PM-2.5 under state and federal standards.

In addressing cumulative effects for air quality, the AQMP utilizes approved general plans and, therefore, is the most appropriate document to use to evaluate cumulative impacts of the subject project. This is because the AQMP evaluated air quality emissions for the entire region using a future development scenario based on general plan land use designations and set forth a comprehensive program that would lead the region, including the project area, into compliance with all federal and state air quality standards. The proposed project is not a development project and does not conflict with the RCIP General Plan and/or other General Plans. Emissions from construction are short-term and will be evaluated in the project-specific air quality analysis for the proposed project. The project's incremental contribution to criteria pollutant emissions will be discussed further in the forthcoming EIR.

Issues:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
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d) Expose sensitive receptors to substantial pollutant concentrations?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Source: SCAQMD

Sensitive receptors include existing residential uses along the proposed drainage facilities. An analysis of impacts to air quality will be conducted for the proposed project by assuming the worst-case scenario (i.e. longest length of pipeline constructed at once, largest proposed basin construction and duration, etc.), and the project's consistency with air quality standards will be discussed in the forthcoming EIR

e) Create objectionable odors affecting a substantial number of people?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Source: Project Design

The project presents the potential for generation of objectionable odors during project construction. Recognizing the relative location and distance of the surrounding residential development along the majority of the proposed MDP facilities, and the short-term duration of construction, the project will not subject a substantial number of people to objectionable odors. Potential impacts are considered less than significant and this issue will not be addressed in the forthcoming EIR.

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, special species, 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Sources: CNDDDB, MSHCP

As identified in the California National Diversity Database, habitat for the following federally and state threatened or endangered species is located in the project vicinity: Stevens' kangaroo rat (*Dipodomys stephensi*), San Bernardino kangaroo rat (*Dipodomys merriami parvus*), western yellow-billed cuckoo (*Coccyzus americanus occidentalis*), San Jacinto Valley crowscale (*Atriplex coronata* var. *notatior*), slender-horned spineflower (*Dodecahema leptoceras*), Mojave tarplant (*Deinandra mohavensis*), and thread-leaved brodiaea (*Brodiaea filifolia*). Potential habitat for numerous special status species, such as the burrowing owl (*Athene cunicularia*), has also been identified in the project area. Since most of the proposed drainage facilities are located within developed and previously disturbed areas, significant adverse impacts are not expected. However, portions of the proposed project, including basin placement, could affect habitat that supports sensitive species.

Implementation of the project may have an adverse effect, either directly or through habitat modification, on species identified as threatened, endangered, candidate, sensitive, or special status. This issue will be discussed in the forthcoming EIR.

Issues:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
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b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Source: GIS

Portions of the proposed project have the potential to affect non-native grassland, coastal valley and freshwater marsh, riparian forest, open water areas, and mapped vernal pools, as identified in the County of Riverside’s Geographic Information System Database (**Figure 3, Vegetation**). Riparian vegetation is located adjacent to the San Jacinto River where some of the proposed facilities will outlet as well as adjacent to open water pond areas. The mapped vernal pools are located at the western portion of the project area. Implementation of the project may adversely affect riparian and other sensitive natural communities. The forthcoming EIR will address this potential issue.

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

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Source: GIS

As discussed above in IV.b., the project may impact coastal valley and freshwater marsh, riparian forest, open water areas, and mapped vernal pools. The proposed facilities will outlet to the San Jacinto River in several locations. Implementation of the project may adversely affect protected wetlands. The forthcoming EIR will address this potential issue.

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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Source: Project Design

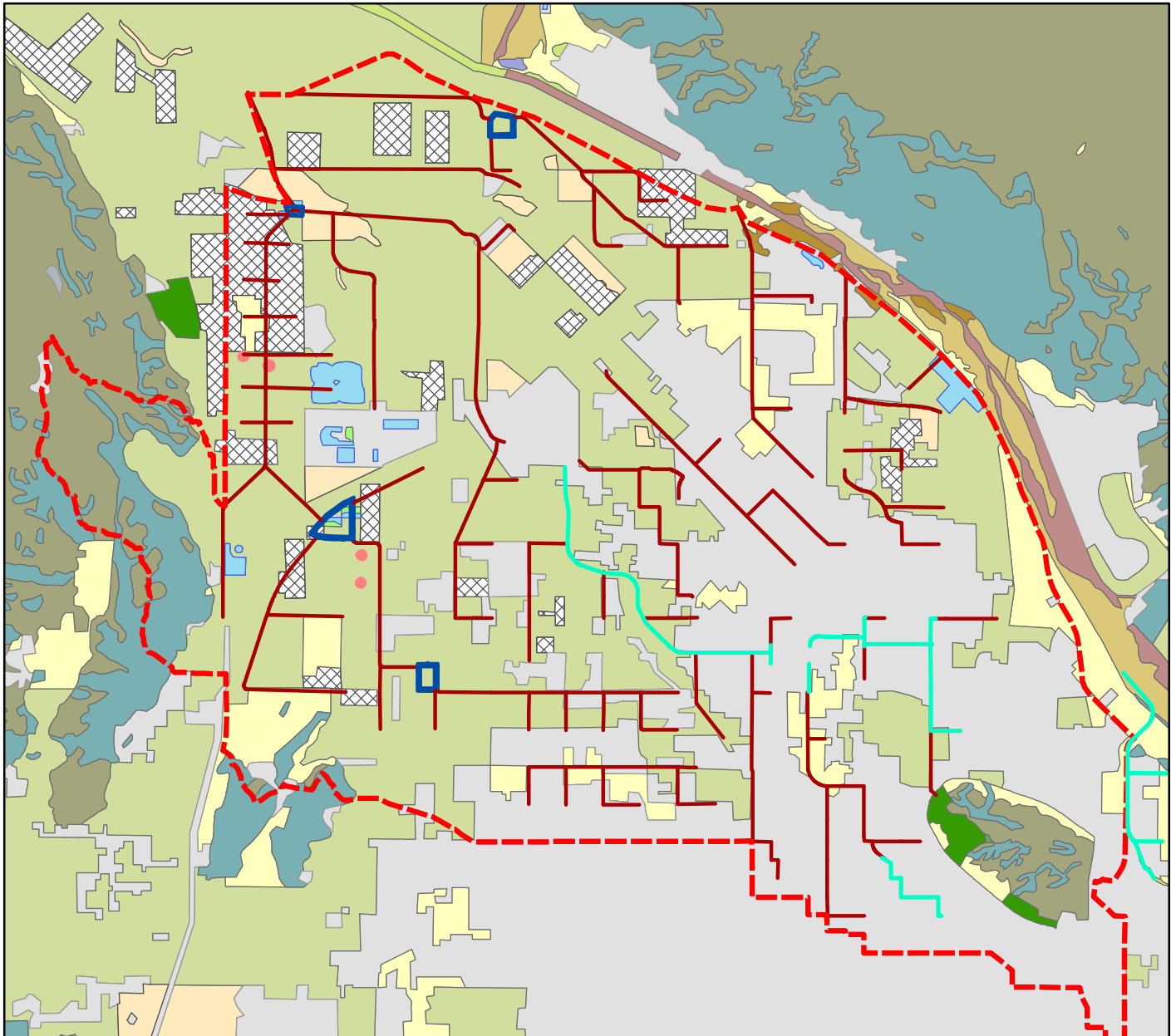
The proposed drainage facilities are mostly subsurface or at-grade, and are mostly located within developed or previously disturbed areas. However the proposed project basins and channels may include fenced areas which could interfere with the movement of native resident or migratory wildlife species with established native resident or migratory wildlife corridors. Therefore, this issue will be addressed further in the forthcoming EIR.

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

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Sources: Project Design, RCIP, SJGP

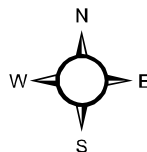
The City of San Jacinto General Plan contains several policies relating to the conservation and protection of natural resources, including conservation and protection of important plant communities and wildlife habitats, and the conservation of important natural resources such as mature trees, rock outcroppings, hills, etc. Implementation of the proposed project may adversely affect important plant communities and wildlife habitats. Project compliance with City of San Jacinto General Plan policies relating to natural resources and resource management will be discussed in the forthcoming EIR.



LEGEND

MDP Boundary	Dairy & Livestock Feedyards	Riparian Forest
Proposed Alignments	Disturbed Alluvial	Riparian Scrub
Proposed Basins	Field Croplands	Riversidean Alluvial Fan Sage Scrub
Existing Facilities	Grove/Orchard	Riversidean Sage Scrub
Alkali Playa	Non-native Grassland	Southern Cottonwood/Willow Riparian
Chamise Chaparral	Oak Woodland	Vernal Pool (Not to Scale)
Chaparral	Open Water/Reservoir/Pond	
Coastal and Valley Freshwater Marsh	Residential/Urban/Exotic	

Source: WRCOG, 1994, with updates
by Riverside County for the RCIP, 2003



0 3,000 6,000 9,000
Feet

ALBERT A.
WEBB
ASSOCIATES

Figure 3
Vegetation

Issues:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
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Chapter 5, Multipurpose Open Space, of the County of Riverside General Plan, contains policies that address the protection and maintenance of water quality, groundwater recharge, floodplains, and riparian areas in Riverside County. Several policies are intended to protect wetlands and native vegetation. Project compliance with the County of Riverside General Plan policies relating to natural resources and resources management will be discussed in the forthcoming EIR.

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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Source: MSHCP

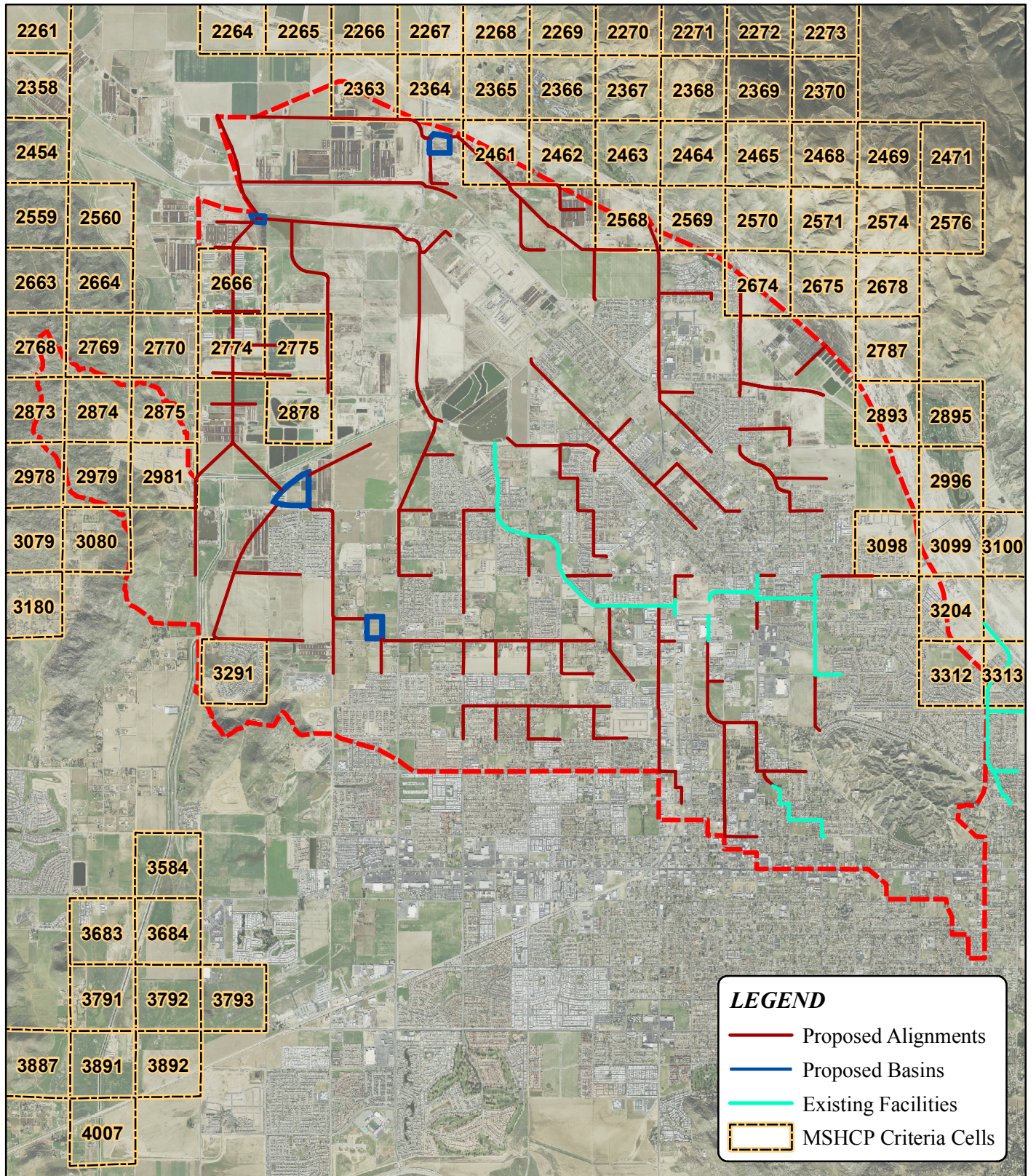
The MSHCP is a comprehensive, multi-jurisdictional Habitat Conservation Plan (HCP) focusing on conservation of multiple species and associated habitats in Western Riverside County. The MSHCP serves as an HCP pursuant to Section 10(a)(1)(B) of the Federal Endangered Species Act of 1973, as amended, as well as a Natural Communities Conservation Plan (NCCP) under the NCCP Act of 2001. The MSHCP will result in an MSHCP Conservation Area in excess of 500,000 acres and focuses on Conservation of 146 species.

The MSHCP was adopted June 17, 2003. On June 22, 2004, the U.S. Fish and Wildlife Service (USFWS) issued its findings, biological opinion, and Take Permit for the MSHCP. On the same day, the California Department of Fish and Game issued their NCCP Permit. The City and the District are permittees under the MSHCP and will comply with MSHCP requirements.

The proposed project is located within 7 Criteria Cells (2666, 2774, 2775, 2878, 2461, 2568, and 2674) and adjacent to 6 Criteria Cells (2981, 3291, 2363, 2364, 2462, and 3098) of the San Jacinto Valley Area Plan, of the MSHCP (see **Figure 4, MSHCP Criteria Cells**). The plan requires conservation within these criteria cells or groups of cells, ranging in percentage and portion of the cells. The proposed project's compliance with cell criteria will be discussed in the forthcoming EIR.

As the proposed project is not a development project, it will not be subject to the HANS (Property Owner Initiated Habitat Evaluation and Acquisition Negotiation Strategy) process. However, as portions of the project are located within the Criteria Area of the MSHCP, Joint Project Review (JPR) process will be conducted by the Western Riverside County Regional Conservation Authority (RCA) for those MDP facilities located within an MSHCP criteria area, to ensure project compliance with the MSHCP for facilities located in cells, prior to construction.

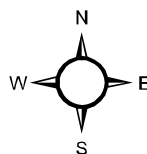
The proposed project is also located within areas of the MSHCP in which habitat assessments are required to address, at a minimum, suitable habitat for burrowing owl, Criteria Area Species (San Jacinto valley crowscale, Parish's brittlescale, Davidson's saltscale, thread-leaved brodiaea, smooth tarplant, round-leaved filaree, Coulter's goldfields, little mousetail, mud nama), mammalian species (San Bernardino kangaroo rat and Los Angeles pocket mouse), and Narrow Endemic Plant Species (Munz's onion, San Diego ambrosia, many-stemmed dudleya, spreading navarretia, California orcutt grass, Wright's trichocoronis) (see **Figure 5, MSHCP Survey Areas and USFWS Designated Critical Habitat**). Focused surveys will be required prior to construction for those facilities located in surveying areas. Project compliance with the MSHCP will be discussed in the forthcoming EIR.



Sources: Riverside County MSHCP, 2003;
Digital Globe, March 2008.

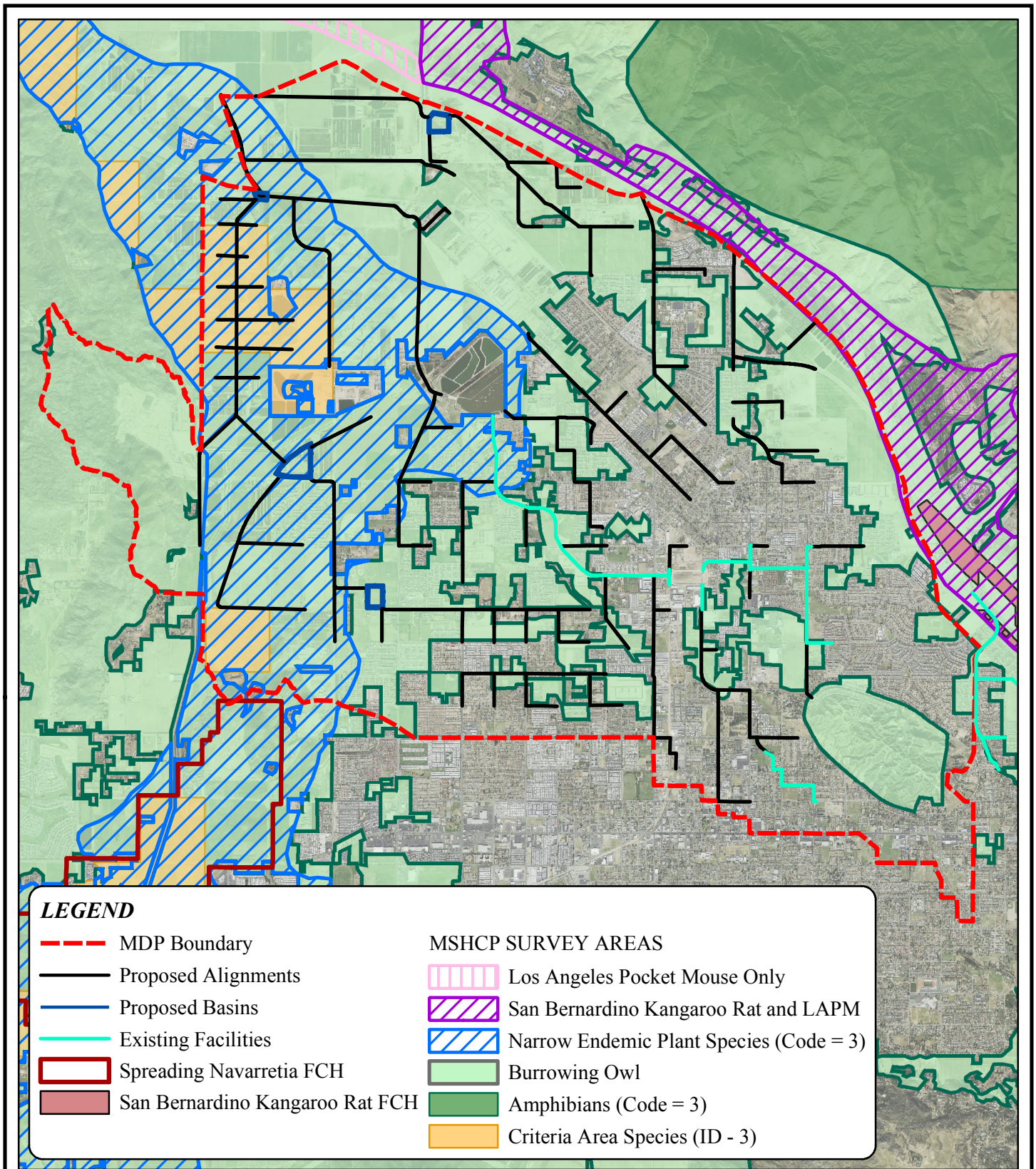
Figure 4

MSHCP Criteria Cells



0 3,000 6,000 9,000
Feet

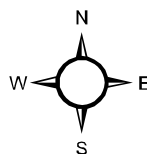
ALBERT A.
WEBB
ASSOCIATES



Sources: Riverside County MSHCP, 2003;
USFWS, 2008; Digital Globe, March 2008.

Figure 5

MSHCP Survey Areas and
USFWS Designated Critical Habitat



0 3,000 6,000 9,000
Feet

Issues:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
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V. Cultural Resources. Would the project:

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

Source: Project Design

The proposed drainage facility alignments primarily consist of disturbed agricultural areas and other previously disturbed areas. However, a Historical/Archaeological Resources Survey Report for the proposed project will be prepared in order to discuss potential project impacts on historic resources. This issue will be discussed further in the forthcoming EIR.

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

Source: Project Design

A Historical/Archaeological Resources Survey Report for the proposed project will be prepared in order to discuss potential impacts on archaeological resources. If archaeological resources are located within the project footprint, they could be unearthed during grading activities and adversely affected. This issue will be discussed further in the forthcoming EIR.

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

Source: RCIP

The project area is mapped as High Sensitivity (B) in the RCIP. An area identified as having High B sensitivity: Sensitivity equivalent to High A, but is based on the occurrence of fossils at a specified depth below the surface. The category High B indicates that fossils are likely to be encountered at or below four feet of depth, and may be impacted during excavation by construction activities.

The sensitivity of paleontological resources in High A is based on formations or mappable rock units that are known to contain or have the correct age and depositional conditions to contain significant paleontological resources whereas the sensitivity in High B is based on topography, mountain mass, and rock type. Paleontological resources may occur within the project area and may be encountered during excavation and other construction activities. A Paleontological Resources Assessment Report will be prepared in order to discuss potential impacts on paleontological resources. This issue will be discussed further in the forthcoming EIR.

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

Source: Google Earth

There are no cemeteries located within the project area. Due to the previously disturbed condition of the project area, the discovery of human remains is unlikely. The proposed project is not expected to disturb any human remains, including those interred outside of formal cemeteries. In the unlikely event that during construction suspected human remains are uncovered, all activities in the vicinity of the remains shall cease and the contractor shall notify the County Coroner immediately, pursuant to California Health & Safety Code Section 7050.5 and California Resource Protection Code Section 5097.98. Therefore, potential impacts to human remains are less than significant and this issue will not be discussed in the forthcoming EIR.

Issues:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
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VI. Geology and Soils. Would the project:

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

i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Sources: RCIP, GIS, CGS

Portions of the proposed project are located within an Alquist-Priolo Earthquake Fault Zone. The project itself does not contain structures that would be inhabited by humans; and thereby, will not expose persons directly to substantial adverse effects from ground shaking. Detention basin failure, as a result of ground shaking, could indirectly expose humans and structures to adverse effects such as flooding, if it were to occur during periods of high water in the basins. There is a low probability that an earthquake would coincide with large storm events and high water levels in the basins. Therefore, there is a low probability that flooding, as a result of detention basin failure during an earthquake, would occur.

In addition, the proposed facilities will be designed and constructed to withstand expected ground shaking levels and potential soil instability. A geotechnical report will be prepared as part of the final design for the facilities. All recommended measures outlined by the geotechnical engineer in the geotechnical report will be incorporated into the final design and construction of the facilities. Therefore, potential impacts to people or structures due to seismic hazards are considered less than significant. This issue will not be addressed further in the forthcoming EIR.

ii) Strong seismic ground shaking?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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See discussion under VI.a.i., above.

iii) Seismic-related ground failure, including liquefaction?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Source: GIS

The majority of the proposed facility alignments and detention basin locations spans an area identified as moderate susceptibility for liquefaction, based on shallow groundwater and susceptible sediments. The project alignment and basin locations also span small areas identified as very high, high, and low susceptibility. The project itself does not contain structures that would be inhabited by humans; and thereby, will not expose persons directly to substantial adverse effects from seismic related ground failure. Detention basin failure, as a result of ground shaking, could indirectly expose humans and structures to adverse effects such as flooding if it were to occur during periods of high water in the basins. There is a low probability that an earthquake would coincide with large storm events and high water levels in the basins. Therefore, there is a low probability that flooding, as a result of detention basin failure during an earthquake, would occur.

In addition, the proposed facilities will be constructed to withstand expected ground shaking levels and potential soil instability. A geotechnical report will be prepared as part of the final design for the facilities. All recommended measures outlined by the geotechnical engineer in the geotechnical report will be incorporated into the final design and construction of the facilities. Seismic-related ground failure in the project area is not expected to affect the drainage facilities in such a way that they would expose people or structures to potential adverse effects such as injury or death. Impacts related to the proposed alignment being affected by liquefaction and seismic-related ground failure is considered less than significant. This issue will not be addressed in the forthcoming EIR.

Issues:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
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iv) Landslides?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Source: RCIP

The project area is relatively flat and is not mapped as having susceptibility to seismically induced landslides. Additionally, as the project is not located on a hillside and does not provide habitable structures, potential impacts to people or structures due to landslides are less than significant. This issue will not be addressed further in the forthcoming EIR.

b) Result in substantial soil erosion or the loss of topsoil?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Source: Project Design

The proposed alignments and basins are generally located on level ground, and will not entail substantial changes in topography, or unstable soil conditions. The primary components of the project are at grade, above ground, and below ground storm water conveyance facilities and detention basins. The proposed project has the potential to result in the short-term loss of top soil during construction due to runoff and soil erosion. This will be minimized however, by compliance with the National Pollutant Elimination System (NPDES) general construction permit which requires that a storm water pollution prevention plan (SWPPP) be prepared prior to construction activities and implemented during construction activities. The SWPPP will incorporate applicable Best Management Practices (BMPs) to minimize the loss of topsoil or substantial erosion. Potential impacts from soil erosion or the loss of topsoil from construction is less than significant and this issue will not be addressed further in the forthcoming EIR.

As outlined in Section VIII.h. and VIII.i of this document, the project's potential to result in erosion and siltation on- or off-site will be discussed in the Hydrology and Water Quality Section of the forthcoming EIR.

c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Source: RCIP

The majority of the proposed project will be located in an area considered to have moderate liquefaction susceptibility based on deep groundwater susceptible sediments. The project alignment and basin locations also span small areas identified as very-high, high, and low susceptibility. The project itself does not contain structures that would be inhabited by humans; and thereby, will not expose persons directly to substantial adverse effects from seismic related ground failure.

The San Jacinto Valley is an area with documented subsidence and is considered susceptible to subsidence. The area is not considered susceptible to landslides (see VI.a.iv, above).

The proposed facilities will be constructed to withstand expected ground shaking levels and potential soil instability. A geotechnical report will be prepared as part of the final design for the facilities. All recommended measures outlined by the geotechnical engineer in the geotechnical report will be incorporated into the final design and construction of the facilities. Potential impacts from soil instability are less than significant. This issue will not be discussed in the forthcoming EIR.

Issues:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
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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 checked="" type="checkbox"/>	<input type="checkbox"/>
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Source: NRCS

Expansive soils have a significant amount of clay particles which can give up water and shrink or take up water and swell. This change in the volume of the soils exerts stress on structures and other loads placed on these soils. The project alignment spans the Chino, Cieneba, Cortina, Dello, Domino, Exeter, Friant, Gorgonio, Grangeville, Greenfield, Hanford, Metz, Pachappa, Rockland, San Emigdio, Traver, Vista, Waukena, and Willows soil series. These series have a low to moderate shrink-swell potential and contain little to no clay content except for the Willow series which only makes up 0.1% of the overall project area. As the project is not located on known expansive soils, the project will not create substantial risks to life or property due to location of the project on expansive soils. This issue will not be addressed further in the forthcoming EIR.

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 of wastewater?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Source: Project Design

The proposed project would not generate the need for septic tanks or alternative wastewater disposal systems. Impacts are not anticipated and this issue will not be addressed further in the forthcoming EIR.

VII. Hazards and Hazardous Materials. Would the project:

a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Source: Project Design

The construction of the proposed project does not involve the use of hazardous materials beyond petroleum products and other similar products used for construction and construction vehicles. The construction phase would involve the transport of gasoline and other fuels to the project site for the sole purpose of equipment fueling. Future maintenance may involve the occasional use of herbicides and pesticides in accordance with federal, state, and local regulations. Standard protocols and BMPs will be in place to ensure the lawful and proper storage and use of these materials. All transport, handling, use and disposal of substances such as petroleum products, solvents and paints related to construction, operation, and maintenance of the flood control facilities will comply with all federal, state and local laws regulating the management and use of hazardous materials. Therefore, the project will not create a significant hazard to the public or the environment. Impacts are less than significant and this issue will not be addressed further in the forthcoming EIR.

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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Source: EDR

Issues:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
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Although the majority of the facilities identified in the MDP are proposed to be located within road rights-of-way and other previously disturbed areas, according to the Environmental Data Resources, Inc. hazardous materials site database records search prepared for the project, there is some potential that MDP proposed facilities may encroach on listed hazardous materials sites. This issue will be addressed in the forthcoming EIR.

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 checked="" type="checkbox"/>	<input type="checkbox"/>
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Source: Project Design

The proposed project is a master drainage plan, that will identify drainage facilities that may be constructed at some future date. Implementation of the MDP will ultimately involve the construction and maintenance of storm water conveyance facilities and detention basins. The MDP facilities will not emit hazardous emissions or include the handling of acutely hazardous materials, substances, or wastes. Potential impacts to existing or proposed schools are less than significant. This issue will not be addressed in the forthcoming EIR.

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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Source: EDR

Although the majority of the facilities identified in the MDP are proposed to be located within road right-of-ways and other previously disturbed areas, according to the Environmental Data Resources, Inc. hazardous materials site database records search prepared for the project, there is some potential that the proposed facilities may encroach on listed hazardous materials sites. This issue will be addressed in the forthcoming EIR.

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 checked="" type="checkbox"/>	<input type="checkbox"/>
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Source: Thomas Guide

The nearest airport, the Hemet-Ryan Airport located in the city of Hemet, is located less than one mile southwest from the southernmost portion of the proposed project. As the project will not result in the construction of new places of employment or new homes, impacts are considered less than significant. This issue will not be discussed further in the forthcoming EIR.

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"/>
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Source: Thomas Guide

There are no private airstrips in the vicinity of the proposed project. No impacts are anticipated. Therefore, this issue will not be discussed in the forthcoming EIR.

Issues:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan? <u>Source:</u> Project Design	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Implementation of the proposed project will not interfere with evacuation or emergency response plans. Road access will be maintained or detours will be provided during project construction. This issue will not be discussed further in the forthcoming EIR.

h) Expose people or structures to a significant risk of loss, injury, or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Sources: RCIP, SJAP

The proposed facilities are located within an area designated as having a high susceptibility for wildfires; however, the project includes construction and maintenance of storm water conveyance facilities and detention basins which will not expose people or structures to a significant risk of loss, injury, or death involving wildland fires. Impacts are considered less than significant and this issue will not be discussed further in the forthcoming EIR.

VIII. Hydrology and Water Quality. Would the project:

a) During project construction, will it create or contribute Urban Runoff that would violate any water quality standards or waste discharge requirements, including the term's of the City's municipal separate storm water sewer system permit? For purposes of Section VIII, "Urban Runoff" is defined as storm water and non-storm water discharges from residential, commercial, industrial, and construction areas. "Urban Runoff" does not include discharges from feedlots, dairies, farms, or open space?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Source: Project Design

Construction of the proposed project may result in the discharge of sediment and other construction by-products. This will be minimized however, by compliance with the National Pollutant Elimination System (NPDES) general construction permit issued by the State Water Resources Control Board (SWRCB). Coverage under the general construction permit requires that a storm water pollution prevention plan (SWPPP) be prepared prior to construction activities for sites with a disturbance area of one acre or more. The SWPPP will incorporate applicable Best Management Practices (BMPs) to reduce loss of topsoil, substantial erosion, or discharge of polluted runoff associated with project construction.

The proposed drainage facilities will convey storm water emanating from residential, commercial, industrial, and construction areas. Although the proposed facilities will not create new sources of pollutants, there is potential for pollutants to be conveyed within the proposed facilities and discharged into the San Jacinto River and downstream water bodies. The proposed detention basins and storm water conveyance facilities may reduce storm water pollutant discharges by reducing peak flows, allowing for infiltration, and routing storm water around potential pollutant sources in urbanized areas. The discharge of storm water from drainage facilities is regulated under the NPDES municipal separate storm water sewer system (MS4) permit issued to the City and other municipalities. The project's potential to contribute Urban Runoff that could violate water quality standards or waste discharge requirements will be discussed in the forthcoming EIR.

Issues:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
b) After the project is completed, will it create or contribute Urban Runoff that would violate any water quality standards or waste discharge requirements, including the terms of the City’s municipal separate storm water sewer system permit? Please see item VIII.a. above.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Provide for the discharge of substantial additional sources of pollutants into Urban Runoff, including pollutants discharged from delivery areas; loading docks; other areas where materials are stored, vehicles or equipment are fueled or maintained, waste is handled, or hazardous materials are handled or delivered; other outdoor work areas; or other sources? Please see item VIII.a. above.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Discharge pollutants in Urban Runoff so that one or more Beneficial Uses of receiving waters are adversely affected? “Beneficial Uses” include all uses of water necessary for the survival or well-being of man, plants and wildlife? Please see item VIII.a. above.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) Discharge storm water so that significant harm is caused to the biological integrity of waterways or water bodies? Please see item VIII.a. above.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f) Violate any water quality standards or waste discharge requirements? Please see item VIII.a. above.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g) 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)? <u>Source:</u> Project Design	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

The facilities proposed will be designed to convey storm water through the project area. The proposed project does not involve the extraction of groundwater, nor will it create a substantial addition of impervious surfaces such that existing areas of groundwater recharge are altered. Moreover, the proposed earthen channels and basins will provide for additional regional groundwater recharge as stormwater flows are conveyed through the facilities. Therefore, the proposed project will not substantially deplete groundwater supplies or interfere with groundwater recharge. Impacts are considered less than significant and this issue will not be discussed further in the forthcoming EIR.

Issues:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
h) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Sources: Project Design, SJAP, GIS

The proposed project includes a conceptual plan for construction and maintenance of storm drain facilities. The proposed drainage facilities will generally follow the existing drainage pattern of the area on a large scale but will alter the existing drainage pattern with the Master Plan area on a local level. The project's potential to result in erosion, siltation, or flooding on-or off-site will be discussed in the forthcoming EIR.

i) Significantly increase erosion, either on- or off-site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Please see item VIII.h. above.

j) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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The proposed project includes a conceptual plan for construction and maintenance of storm drain facilities. The proposed drainage facilities will generally follow the existing drainage pattern of the area on a large scale but will alter the existing drainage pattern with the Master Plan area on a local level. However, the intent of the proposed project is to reduce the potential for flooding in the project area and downstream of the project area. The MDP will act as a guide for the location and size of drainage facilities that need to be constructed by the City of San Jacinto and/or others as the area develops, or facilities that need to be constructed to resolve existing flooding problems within developed areas. It is expected that many of the MDP drainage facilities will be constructed in conjunction with local development projects. In these instances, conditions of approval requiring the construction of MDP facilities will be placed on future development projects within the MDP boundary by the City and/or District to ensure that impacts with respect to surface runoff are less than significant. This issue will not be addressed further in the forthcoming EIR.

k) Create or contribute runoff water which would exceed the capacity of existing or planned storm water drainage systems?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Source: Project Design

The proposed project is intended to collect and convey storm water through the MDP area. The proposed project will be designed to prevent the overflow of existing and proposed drainage systems through the design and construction of new and/or revised facilities. As the project is intended to update the existing MDPs of the project area to allow sufficient MDP capacities, potential impacts are less than significant. This issue will not be addressed further in the forthcoming EIR.

l) Significantly alter the flow velocity or volume of storm water runoff in a manner that results in environmental harm?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Source: Project Design

The proposed drainage facilities will be designed to convey storm water through the project area and will outlet in three places into the San Jacinto River. The proposed detention basins will reduce flow velocity and flow rate prior to out-

Issues:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
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letting into the San Jacinto River. The project's potential to alter the velocity or volume of storm water runoff entering the San Jacinto River will be discussed further in the forthcoming EIR.

m) Otherwise substantially degrade water quality?

Please see item VIII.a. above.

n) 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?

Source: Project Design

No housing is proposed as part of the project. One of the objectives of the proposed project is to provide improved flood protection within the MDP area. Implementation of the proposed project may result in the reduction of mapped FEMA flood hazard boundaries which may result in the future approval of residential development within these areas. Since the project would not specifically allow for the approval of residential development, and separate CEQA review would be required for the construction of residential developments, impacts are considered less than significant. This issue will not be discussed in the forthcoming EIR.

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

Source: Project Design

The proposed drainage facilities will collect and redirect storm water flows within a 100-year flood hazard area. This issue will be discussed further in the forthcoming EIR.

p) 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?

Source: Project Design

The primary purpose of the proposed project is to control flooding associated with storm water runoff within the MDP area. The proposed basins are expected to be primarily constructed below the existing ground surface. When embankments are required, they will be designed and constructed in accordance with standard engineering and seismic criteria to minimize the risk of failures. The proposed project does not include construction of a levee or dam. Standard inspection and maintenance activities will ensure that any damaged facilities are repaired. Finally, the proposed basins would be incised, with a maximum embankment height of approximately six feet, and would only impound floodwaters temporarily during large and infrequent storm events; moreover, floodwaters in contact with that portion of the basin embankment would have a maximum drawdown time of approximately 24-hours. Thus, the likelihood of flooding due to a failure from an earthquake, while the basins contain stormwater is remote, since the bulk of stormwater would be below ground level. Potential impacts to people or structures from flooding as a result of a levee or dam failure is less than significant. This issue will not be addressed in the forthcoming EIR.

q) Expose people or structures to inundation by seiche, tsunami, or mudflow?

Source: Project Design

Issues:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
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The project is not located within an area that would be subjected to seiche, tsunami, or mudflow. Also, as discussed in VIII.p. above, the proposed basins will only store floodwaters temporarily during large and infrequent storm events further limiting the potential for inundation that would impact people or structures. Impacts are considered less than significant and this issue will not be addressed in the forthcoming EIR.

IX. Land Use and Planning. Would the project:

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

Source: Project Design

The primary purpose of the proposed project is to control flooding associated with storm water runoff. The proposed facilities will be located at grade or below the ground surface and will not physically divide any communities. Any necessary street, pedestrian, and/or wildlife crossings over open channels will be provided. The proposed detention basins are located within undeveloped areas. This issue will not be addressed in the forthcoming EIR.

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

Source: RCIP, SJGP

The proposed project is located within the City of San Jacinto, the City of Hemet, and unincorporated Riverside County. The proposed drainage facility alignments are primarily within the road rights-of-way and disturbed open areas. Typically, master planned drainage facilities are incorporated into general plans, specific plans, and other land use plans adopted by the local lead agency with land use authority. The proposed project will not conflict with existing land use designations or zoning within the project area. In addition, Section 18.2.a(b) of Riverside County Ordinance No. 348 exempts public agency projects, such as this proposed project, from County zoning regulations. Potential impacts are less than significant and this issue will not be discussed in the forthcoming EIR.

- | | | | | |
|---|-------------------------------------|--------------------------|--------------------------|--------------------------|
| c) Conflict with any applicable habitat conservation plan or natural community conservation plan? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|---|-------------------------------------|--------------------------|--------------------------|--------------------------|

Please see item IV.f. above. This issue will be addressed in the Biological Resources Section of the forthcoming EIR.

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

Sources: RCIP, SJGP

The proposed project is located within an area designated as MRZ-3, as determined by the State Mining and Geology Board (SMGB). This mineral resource zone includes areas where the available geologic information indicates that mineral deposits exist, or are likely to exist, however the significance of the deposit is undetermined. The proposed drainage facility alignments are located primarily within road rights-of-way and disturbed agricultural areas. The development of these linear facilities would not result in a significant loss of availability of a known mineral resource.

Issues:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
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The detention basins are not located on known mineral resources, as identified in the RCIP or San Jacinto General Plan. Construction of the detention basins, as they are excavated earthen basins will not result in a permanent loss of availability of mineral resources. Potential impacts from the project are considered less than significant. This issue will not be discussed in the forthcoming EIR.

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

Please refer to Item X.a. above

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"/> |
|---|--------------------------|--------------------------|-------------------------------------|--------------------------|

Sources: Project Design, Ord. No. 457, SJGP

Riverside County Ordinance 457, Section 1.G.1 requires that “Whenever a construction site is within one-quarter mile of an occupied residence or residences, no construction activities shall be undertaken between the hours of 6:00 p.m. and 6:00 a.m. during the months of June through September and between the hours of 6:00 p.m. and 7:00 a.m. during the months of October through May.” The City of San Jacinto requires all construction activities to comply with the limits (maximum noise levels, hours and days of allowed activity) established in the City’s Noise Regulations (Title 24 California Code of Regulations, Noise Ordinance) in order to reduce impacts associated with temporary construction noise to the extent feasible.

Construction of the proposed facilities will primarily involve heavy equipment such as backhoes, excavators, cranes, water trucks, wheeled loaders, blades/road graders, tunnel/boring machines, and dump trucks. Construction will also include truck trips to move, cut, and fill material for the proposed basins. Maintenance operations would include the use of utility trucks and occasionally, heavy machinery such as: excavators, scrapers, mowers, dozers, or backhoes to maintain the basins. These types of equipment can generate noise levels ranging from 65-95 dBA at a distance of 50 feet. Construction activities, especially those utilizing heavy equipment, may create substantial short-term noise increases near the project site. Maintenance activities may also create noise increases near the project site, but to a lesser degree and on an intermittent basis, as compared to construction activities. The use of heavy machinery for maintenance activities will be infrequent and short-term in duration.

This issue will not be addressed in the forthcoming EIR. Compliance with the City and County Noise Ordinances will reduce potential impacts from construction and maintenance to less than significant levels.

- | | | | | |
|---|--------------------------|--------------------------|-------------------------------------|--------------------------|
| b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|---|--------------------------|--------------------------|-------------------------------------|--------------------------|

Source: Project Design

Construction of the proposed project is expected to generate temporary groundborne vibration and noise levels that are typical of grading activities. These vibrations may be a temporary nuisance to nearby offices and residences but will not be excessive and will be short-term in duration. Potential impacts are less than significant. This issue will not be discussed further in the forthcoming EIR.

Issues:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
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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 checked="" type="checkbox"/>	<input type="checkbox"/>
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Source: Project Design

The increased noise levels associated with construction activities will not be permanent. Maintenance activities will be infrequent and short-term in nature. The long-term operation and maintenance of the proposed facilities may slightly increase ambient noise levels but are not expected to generate a permanent increase in ambient noise levels that will be a “readily audible change”. Therefore, operation of the proposed project will not create a substantial permanent increase in ambient noise above levels which already exist without the project. This issue will not be discussed further in the forthcoming EIR.

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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Please see item XI.a. above.

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

<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Source: Project Design

The nearest airport, the Hemet-Ryan Airport located in the city of Hemet, is located less than one mile southwest from the southernmost portion of the proposed project. As the project will not result in the construction of new places of employment or new homes, the project will not involve placing people in a noisy environment near an airport or private airstrip. Potential impacts are considered less than significant. This issue will not be discussed further in the forthcoming EIR.

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 checked="" type="checkbox"/>	<input type="checkbox"/>
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Please see item XI.e. above.

XII. Population and Housing. Would the project:

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

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Sources: Project Design, RCIP

The proposed project does not include the construction of new homes or business and therefore, would not directly induce substantial population growth. Installation of the proposed facilities may indirectly support additional growth within the MDP area, as they provide flood control infrastructure within the MDP area. The proposed project may have significant growth inducing impacts on the area. This issue will be discussed further in the forthcoming EIR.

Issues:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Source: Project Design

Construction of the proposed project is not anticipated to displace any existing homes. Potential impacts are less than significant and this issue will not be discussed further in the forthcoming EIR.

c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Source: Project Design

Construction of the proposed project is not anticipated to displace people necessitating the construction of replacement housing elsewhere. Potential impacts are less than significant and this issue will not be discussed further in the forthcoming EIR.

XIII. Public Services. Would the Project:

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

Fire protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Source: Project Design

The proposed drainage facilities will not require additional services or extended response times for fire protection services. When constructed, the proposed facilities should reduce the need for fire department resources related to flooding. No impacts are expected and this issue will not be discussed further in the forthcoming EIR.

Police protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Source: Project Design

Construction of the proposed project does not include new homes or businesses that will require additional services or extended response times for police protection services. Therefore, no impacts are anticipated. This issue will not be discussed in the forthcoming EIR.

Schools?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Source: Project Design

The proposed project does not involve new housing or employment opportunities that would affect local school enrollment. No school facilities will be impacted by the proposed project. Therefore, no impacts are anticipated and this issue will not be discussed in the forthcoming EIR.

Issues:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
Parks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source: Project Design

None of the proposed facilities of the proposed project will interfere with or have adverse impacts on parks. Nor would the project involve new housing or employment opportunities that would affect the need for new parks. Therefore, no impacts are anticipated. This issue will not be discussed in the forthcoming EIR.

Other public facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Source: Project Design

There are no other public facilities that would be adversely impacted by the construction of the proposed project. Therefore, no impacts are anticipated. This issue will not be discussed in the forthcoming EIR.

XIV. Recreation. Would the project:

a) Increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Source: Project Design

Construction of the proposed project does not include new homes or businesses that would increase the use of existing parks or recreational facilities. Therefore, no impacts are anticipated. This issue will not be discussed in the forthcoming EIR.

b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which have an adverse physical effect on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Source: Project Design

Construction of the proposed project does not include housing or employment opportunities and will not trigger the need for construction or expansion of recreational facilities. However, the proposed project basins could be designed for dual-use purposes. The construction of dual-use basins would not result in significant adverse effects above those to be discussed within the forthcoming EIR. No impacts are anticipated. This issue will not be discussed in the forthcoming EIR.

XV. Transportation/Traffic. Would the project:

a) Cause an increase in traffic which is substantial in relation to the existing traffic load and capacity of the street system (i.e., result in a substantial increase in either the number of vehicle trips, the volume to capacity ratio on roads, or congestion at intersections)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Source: Project Design

Issues:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
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Portions of the proposed project will be constructed within road rights-of-way. Impacts to traffic from the project will consist of minor, short-term increases in vehicle trips as a result of construction activities. Through traffic may experience slight delays or temporary congestion as a result of construction. Encroachment permits will be acquired from the applicable governing agencies for construction within their road rights-of-way, and traffic control plans will be prepared for approval from the applicable governing agencies. Standard information included in these permits will address issues associated with short-term traffic impacts. Potential impacts are less than significant. This issue will not be discussed further in the forthcoming EIR.

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

Please see item XV.a. above.

c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that result in substantial safety risks?

Source: Project Design

Construction of the proposed project will not affect air traffic, potential impacts are not anticipated. This issue will not be addressed in the forthcoming EIR.

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

Source: Project Design

Construction of the proposed project will not change current or future roadway configurations nor alter the area in such a way to introduce a new hazard or increase hazards. Therefore, no impacts are anticipated. This issue will not be addressed in the forthcoming EIR.

e) Result in inadequate emergency access?

Source: Project Design

Construction of the proposed project will not reconfigure current roadways that would result in inadequate emergency access. Access will be maintained throughout the construction activities. Therefore, no impacts are anticipated. This issue will not be addressed in the forthcoming EIR.

f) Result in inadequate parking capacity?

Source: Project Design

Adequate construction parking will be provided through construction staging areas to accommodate employee and construction vehicles. Maintenance access is included in the project design. This issue will not be discussed further in the forthcoming EIR.

Issues:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
g) Conflict with adopted policies, plans, or programs supporting alternative transportation (e.g., bus turnouts, bicycle racks)? <u>Source:</u> Project Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

The proposed project will not reconfigure any roadways or alternative transportation services. Impacts to alternative transportation services from the project are not expected. This issue will not be discussed in the forthcoming EIR.

XVI. Utilities and Service Systems. Would the project:

a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board? <u>Source:</u> Project Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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The proposed project would not generate wastewater, and therefore, would not exceed wastewater treatment requirements of the Regional Water Quality Control Board. No impacts are anticipated and this issue will not be discussed further in the forthcoming EIR.

b) Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects? <u>Source:</u> Project Design	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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The proposed project would not generate wastewater, and therefore, would not require wastewater treatment. The construction of the proposed drainage facilities may require the relocation of existing water and sewer lines. Such relocations would occur within the area impacted by the proposed project and would not cause significant impacts beyond those associated with the proposed project. Potential impacts are less than significant and this issue will not be discussed further in the forthcoming EIR.

c) Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects? <u>Source:</u> Project Design	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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The proposed project is intended to provide a Master Planned Drainage System within the project area. The potential environmental impacts (such as those to biological resources, air quality, cultural resources, etc) from implementation of the MDP will be addressed within each respective issue of the forthcoming EIR.

Although implementation of the MDP is expected to provide for overall flood protection within the project area and not anticipated to require or result in the construction of new facilities or the expansion of existing facilities, non-MDP facilities that will connect to the proposed MDP facilities may be needed. The location and construction of such non-MDP facilities is not known at this time, and therefore cannot be addressed in this analysis. Separate CEQA review would be required for the construction of any non-MDP facilities that will connect to the proposed MDP in the future.

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
Issues: d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed? In making this determination, the City shall consider whether the project is subject to the water supply assessment requirements of Water Code Section 10910, et. seq. (SB 610), and the requirements of Government Code Section 664737 (SB 221).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source: Project Design

The proposed project does not involve activities that would require permanent water supplies. Construction of the proposed facilities will necessitate short-term water use in order to provide for dust control. Impacts are less than significant. This issue will not be discussed in the forthcoming EIR.

e) 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"/>
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Source: Project Design

The proposed project will not generate wastewater. No new wastewater treatment facilities are required as a result of the proposed project. This issue will not be discussed further in the forthcoming EIR.

f) 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 checked="" type="checkbox"/>	<input type="checkbox"/>
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Source: Project Design

The proposed project would not generate solid waste and will not require service of a landfill on a long-term basis. Construction waste will be limited to trash generated by construction crews plus minimal debris created during the cleaning phases. Demolition of existing structures may be necessary. Temporary construction and/or demolition waste is not expected to exceed a single commercial dumpster, per week, per phase of construction. Local landfills that have sufficient capacity to accept construction materials include the Badlands and Lamb Canyon. This issue will not be discussed further in the forthcoming EIR.

g) Comply with federal, state, and local statutes and regulations related to solid waste?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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As discussed in XVI.f. above, the proposed project will not generate large quantities of solid waste on a long-term basis. The disposal of construction waste will comply with all federal, state, and local statutes and regulations regarding solid waste. Potential impacts are less than significant and this issue will not be addressed in the forthcoming EIR.

Issues:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
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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?

Source: Above checklist

The proposed project has the potential to degrade the quality of the environment. Construction and maintenance of the proposed project may affect habitats that support sensitive plants, wildlife, or historic and prehistoric resources, if located within the project area. Potential impacts to special status species and historic and prehistoric resources, as a result of the proposed project, will be discussed further in the forthcoming EIR.

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

Sources: Project Design and above checklist

Construction and maintenance of the proposed facilities could adversely affect long-term environmental goals related to air quality, biological and cultural resources, water quality, and downstream water bodies; even though, it will address flooding. This issue is potentially significant and will be addressed in the forthcoming EIR.

c) 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 project, and the effects of probable future projects.)

Source: Above checklist

The proposed project may result in cumulatively considerable impacts to agricultural resources, air quality, biological resources, cultural resources, hazards and hazardous materials, hydrology and water quality, land use and planning, noise, and population/housing. These issues will be discussed further in the Cumulative Impacts discussion of the forthcoming EIR.

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

Source: Above checklist

The project does not have the potential for any significant environmental effects that would cause substantial direct or indirect adverse impacts to human beings.

REFERENCES

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

<u>Cited As:</u>	<u>Source:</u>
AQMP	South Coast Air Quality Management District, <i>Air Quality Management Plan 2007</i> , June 2007. (Available at SCAQMD.)
CARB	California Air Resources Board, <i>Area Designation Maps / State and National</i> , 2006. (Available at http://www.arb.ca.gov/desig/adm/adm.htm)
Conservation	California Department of Conservation, Farmland Mapping and Monitoring Program, Important Farmland Map, Western Riverside County, 2004 (ftp://ftp.consrv.ca.gov/pub/dlrp/FMMP/pdf/2006/riv06_west.pdf)
CGS	California Department of Conservation, California Geological Survey, Alquist-Priolo Earthquake Fault Zones. (Available at ftp://ftp.consrv.ca.gov/pub/dmg/pubs/sp/Sp42.pdf)
CNDDDB	California Natural Diversity Database, 2008. (Available at http://www.dfg.ca.gov/biogeodata/cnddb/)
EDR	Environmental Data Resources, Inc., San Jacinto MDP Update, July 18, 2007. (Available at City of San Jacinto.)
GIS	County of Riverside, Geographic Information System Database. (Available at Riverside Co. - Planning)
Google Earth	Google Earth 4.3, 2008. (Available at http://earth.google.com/)
MSHCP	County of Riverside, Multiple Species Habitat Conservation Plan, Final Version, Adopted June 17, 2003. (Available at Riverside Co. – Planning and at http://www.rctlma.org/mshcp/index.html)
NRCS	U.S. Department of Agriculture, Soil Conservation Service. Soil Survey, Western Riverside Area, California, November 1971. (Available at USDA or at http://websoilsurvey.nrcs.usda.gov/app/)
Ord. 348	Riverside County Ordinance No. 348. <i>Land Use Ordinance, Section 18.2.a</i> . (Available at www.clerkoftheboard.co.riverside.ca.us/ords.htm)
Ord. No. 457	Riverside County, Ordinance No. 457 Regulating all grading, buildings and structures, or parts thereof in the unincorporated areas of the County of Riverside including generation of construction noise. (Available at Riv. Co.-Planning)
RCIP	Riverside County Integrated Project, County of Riverside General Plan, Final Integrated Version, Adopted October 7, 2003. (Available at Riverside Co. - Planning and at www.rctlma.org)
Section 53091	California Government Code Section 53091. (Available for at http://www.leginfo.ca.gov/calaw.html)
SJGP	City of San Jacinto Planning Department, San Jacinto General Plan Draft EIR, January 2006. (Available at http://www.ci.san-jacinto.ca.us/html_2003/maps.htm).
SJAP	County of Riverside Planning Department, San Jacinto Valley Area Plan, <i>Riverside County Integrated Plan, Final Version</i> , Adopted October 2003. (Available at Riverside Co. – Planning and at www.rctlma.org)
SCAQMD	South Coast Air Quality Management District. CEQA Air Quality Handbook. April 1993, with November 1993 Update. (Available at SCAQMD.)
Thomas Guide	Riverside County and San Bernardino County Street Guide, Thomas Brother's, 2008. (Available at Riverside Co – Planning.)

Location:

City of San Jacinto

Riverside County – Planning Department

SCAQMD

USDA

Address:

595 S. San Jacinto Avenue, San Jacinto, CA 92583

County of Riverside, 4080 Lemon Street, 2nd Floor, Riverside, CA 92502

South Coast Air Quality Management District, 21865 East Copley Drive,
Diamond Bar, CA 91765-4182

U.S. Department of Agriculture, Natural Resource Conservation Service
(formerly Soil Conservation Service), 1299 Columbia Avenue, Suite E-5,
Riverside, CA 92507

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