

APPENDIX A

*Initial Study, Distribution List,
Notice of Preparation, and
Notice of Preparation Comment Letters*

Initial Study

**RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
Initial Study Form**

- 1. Project title:** Lakeland Village Master Drainage Plan (MDP)
- 2. Lead agency name and address:** Riverside County Flood Control and Water Conservation District (District)
1995 Market Street
Riverside, California 92501
- 3. Contact person and phone number:** Art Diaz, Senior Civil Engineer
951.955.1233

4. Project Location: The Lakeland Village Master Drainage Plan (MDP) is located within Lakeland Village, in the City of Lake Elsinore, City of Wildomar, and unincorporated Riverside County, California (see Figure 1, Regional Map). The boundaries of the MDP, which encompasses approximately 13 square miles, is generally bounded by Lake Elsinore to the north, the ridgeline of the Santa Ana Mountains to the south, Bryant Street and Sheila Lane to the east, and Riverside Drive to the west (see Figure 2, Vicinity Map).

The MDP may be found within Township 6 South, Ranges 4 and 5 West, Sections 10, 11, 13, 14, 15, 16, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 35, and 36 of the Alberhill, Elsinore, Sitton Peak and Wildomar 7.5 Series Topographic Quadrangle Maps.

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

6. General plan designation: The general plan designations within the MDP Boundary in the City of Lake Elsinore are primarily residential, some commercial uses, and open space/recreation (see Figure 3 – City of Lake Elsinore General Plan Land Use Map). General Plan designations within the MDP Boundary in the City of Wildomar are primarily residential with limited commercial and business park (see Figure 4). General Plan designations for the MDP within the Elsinore Area Plan in unincorporated Riverside County are residential, commercial, light industrial, agriculture, and conservation (see Figure 5 - Elsinore Area Land Use Plan).

7. Zoning: The zoning designations within the MDP Boundary in the city of Lake Elsinore are residential and commercial. The zoning designations within the MDP Boundary in the City of Wildomar are primarily residential and some commercial. The zoning designations for the MDP within the Elsinore Area Plan in unincorporated Riverside County are residential, commercial, agriculture, and conservation.

8. Background and Project Description: Lakeland Village Master Drainage Plan

CEQA analysis of a Master Drainage Plan is more complex than the typical project because Master Drainage Plans have a variety of purposes that are implemented over time; in fact, some parts of the plan could be implemented many years in the future or not at all, which makes the CEQA analysis conducive to using a Program Environmental Impact Report (PEIR). The Riverside County Flood Control and Water Conservation District's (District) proposed Lakeland Village Master Drainage Plan (MDP) analyzed in this CEQA document consists of the three separate components:

Administration of the MDP, Future Construction of the MDP, and Future Operations and Maintenance of the MDP.

Administration of the MDP

The first component of the MDP being analyzed in this CEQA document consists of the preparation of and, ultimately, the adoption of the MDP and its use as a long-range planning document. The MDP will be a guide for the alignment, type, size and cost of major existing and proposed facilities (MDP Facilities) within the watershed to address the current and future drainage needs of Lakeland Village and the surrounding area. The drainage boundary of the MDP (MDP Boundary) is drawn to include all of the watershed area that contributes to the drainage problems in the community. The MDP Facilities would contain the 100-year flood discharge.

The MDP has a variety of planning uses. The MDP will be relied upon by not only the County of Riverside as it reviews and approves existing and proposed development in the Lakeland Village area, but if adopted, can be used by the City of Wildomar and City of Lake Elsinore as they review and approve new development. New development may be required to construct MDP Facilities or set aside right of way for the future construction of the facilities. The local jurisdictions can also use the MDP to identify MDP Facilities and costs for inclusion in capital improvement programs. Finally, the local jurisdictions can use the MDP for long-range planning of other public infrastructure projects like roads or utility pipelines.

Future Construction of the MDP

The second component of the MDP being analyzed in this CEQA document is the reasonably foreseeable impacts resulting from construction of the MDP Facilities. The MDP identifies the approximate location, size and type of MDP Facilities needed in order to alleviate and control flooding in the MDP Boundary. The alignments and type of facility depicted in the MDP can change as more detailed information becomes available during the design process. For example, the locations of underground utilities, new development patterns or the results of subsequent focused biological surveys may necessitate a shift in alignment or change in facility type. To add to that uncertainty, the construction of the MDP Facilities will be accomplished in discrete phases over a number of decades.

Despite this future environment of uncertainty and change, the MDP CEQA document still must identify the general types of construction activities anticipated and the associated impacts of them. Table IS-1 lists the types of drainage improvements (i.e., new facilities and upgrades to existing ones) proposed in the MDP; and Table IS-2 provides a detailed description of each of the individual MDP Facilities.

Of course subsequent CEQA analysis would be required when specific MDP Facilities are proposed for construction, but those future construction projects would be able to tier from the PEIR. Actual construction of the MDP Facilities may be fulfilled by conditions of approval on development projects or capital improvement projects undertaken by the County of Riverside, City of Wildomar, City of Lake Elsinore, or the District.

Future Operations and Maintenance of the MDP

The final component of the MDP to be analyzed in this CEQA document is the reasonably foreseeable impact of future operation and maintenance activities. Once a facility is constructed it will require maintenance in order to retain flood control capacity. It is expected that the District will operate and maintain all of the Lakeland Village MDP storm drains, channels, and basins.

Maintenance of storm drains and concrete channels typically consists of keeping these facilities and their side drains clear of debris and sediment, as well as repairing access roads and fences. On rare occasions, major repairs may be required following damaging storm events. Thus, major grading will not routinely occur while maintaining the underground storm drains and open concrete channels.

The routine maintenance of the earthen channels and basins will likely require the following activities: the removal of deposition, repair of eroded slopes, and reduction of fire hazard by annual mowing and application of herbicides as well as the maintenance activities described in the previous paragraph. Vegetation must be removed or mowed annually (or as necessary) to provide the designed hydraulic capacity.

MDP Alternatives

The District considered five alternatives for the MDP that explored the feasibility of debris removal, water quality mitigation, floodplain management and environmental avoidance. An Environmental Constraints Analysis was prepared to assist the District in identifying key environmental issues pertaining to each of the five Alternatives so that the District can select a preferred Alternative for the MDP. Based on the Environmental Constraints Analysis, engineering feasibility, cost and other MDP objectives the District selected Alternative 4 (see Figure 6a and Figure 6b, Proposed MDP Facilities and Tables IS-1 and IS-2).

Table IS-1, Summary of MDP Facilities

Type of Improvement	Facility Name
Upsizing of the existing facilities	<ul style="list-style-type: none"> • Bryant Street • Palomar Channel • Ontario way • Stoneman Street Channel • Churchill Street • Lakeland Village Channel • Serena Way • Ortega Channel • Grandview Avenue • Hill Street/Line A
New Open Channels	<ul style="list-style-type: none"> • Channel A • Line O-10 • Line M • Line L • Line J • Lakeland Village Channel
New Storm Drains	<ul style="list-style-type: none"> • Line O-10 • Line O-20

Table IS-1, Summary of MDP Facilities

Type of Improvement	Facility Name
	<ul style="list-style-type: none"> • Ontario Way • Stoneman Street Channel • Line N • Lateral N-1 • Gregory Place • Koves Road • Line K • Line J • Line I • Line I-1 • Lakeland Village Channel • Line H • Line H-1 • Line H-2 • Line G • Line F • Line F-1 • Line E • Line D • Line C • Line C-1 • Line A
<p>New Debris Basins</p>	<ul style="list-style-type: none"> • Line O-10 • Line O-20 • Line N • Line K • Line I • Lakeland Village Channel • Line F • Ortega Channel • Line A
<p>New Water Quality Basins</p>	<ul style="list-style-type: none"> • Stoneman Street Channel • Churchill Street • Line G • Ortega Outlet • Line A

Source: See Figure 6a and Figure 6b, Proposed MDP Facilities Map

Table IS-2 below is a detailed description of the proposed and existing MDP Facilities.

Table IS-2, Detailed Project Description

Watershed	Proposed/ Existing	Facility Name	Facility Description	Facility Type	Facility Size	Facility Length (ft)	100- Year Q (cfs)
A	PROPOSED	Line A	Line A system begins at the proposed Line A Debris Basin. The system consists of adding flood walls ranging from .5 to 1.5 feet in height to existing Lime Street Channel from upstream end of Line A to Laguna Avenue. Existing 42" RCP in Hill Street will be removed and replaced with 72" RCP.	Debris Basin	9.26 ac-ft/1.54 ac area footprint		
				Basin Outlet	66" Diameter	240	690
				Floodwalls	.5' High	783	
				Floodwalls	1.5' High	696	
				RCP	72" Diameter	910	690
	Line A WQ Basin	Located at the northwest corner of the intersection of Hill Street and Grand Avenue. The water quality basin would require a connection to the existing drainage system of the existing tract located at the southwest corner of the intersection of Grand Avenue and Hill Street.	Water Quality Basin	5.47 ac-ft/3.29 ac area footprint			
EXISTING	Line A (Lime Street Channel)	Upstream end of Lime Street Channel located approximately 330 feet west of the intersection of Jamieson and Orange Street, extending northeasterly to Laguna Avenue then transitioning into a 42-inch RCP along Hill Street.	Trapezoidal Channel	3' base width, 10' top width	1620		
			RCP	42" Diameter	750		
B	PROPOSED	Line B (Ortega Channel)	Line B system consists of adding 1-foot floodwalls to existing Ortega Channel Outlet, from Grand Avenue northeasterly to the Lake and a debris basin upstream of existing Ortega Channel.	Floodwall	1' High	727	1400
				Debris Basin	14 ac-ft/2 ac area footprint		
				Basin Outlet	66" Diameter	120	1400
		Line B WQ Basin	Located near the southwest corner of the intersection of Ortega Highway and Grand Avenue. The water quality basin would require a connection to the existing drainage system of the tract located at southwest corner of the intersection of Grand Avenue and Ortega Highway.	Water Quality Basin	5.03 ac-ft/3.16 ac area footprint		
	EXISTING	Ortega Channel	Upstream end located approximately 650 feet south of the intersection of Shoreline	Trapezoidal Channel	5' base width, 17' top	1678	870

Table IS-2, Detailed Project Description

Watershed	Proposed/ Existing	Facility Name	Facility Description	Facility Type	Facility Size	Facility Length (ft)	100- Year Q (cfs)
			and Lighthouse Drive, extending northerly towards Ortega Highway, extending approximately 550 feet along Ortega Highway, then extending northwesterly approximately 850 feet parallel to Lake Terrace Drive, then extending northeasterly parallel to Serena Way.		width, ss = 1.5:1		
				RCP	84" Diameter	800	1123
				RCP	120" Diameter	800	1400
C	PROPOSED	Line C	The most upstream portion of Line C is at the intersection of Grand Avenue and Windward Way. The system heads southeast along Grand Avenue approximately 1500 ft, junctions with line C-1, then outlets to Lake Elsinore.	RCP	48" Diameter	903	108
				RCP	60" Diameter	350	354
				RCP	78" Diameter	330	354
				RCP	90" Diameter	280	522
		Line C-1	The upstream portion of Line C-1 is at the intersection of Grand Avenue and the entrance to Butterfield Elementary. The system heads northwest along Grand Avenue for approximately 800 ft, junctions with Line C.	RCP	48" Diameter	433	84
				RCP	66" Diameter	155	90
				RCP	78" Diameter	255	174
D	PROPOSED	Line D	The RCP begins approximately 900 ft southwest of the intersection of Union and Santa Rosa Drive. The system travels northeast along Santa Rosa Dr. and traverses Grand then outlets to Lake Elsinore.	RCP	60" Diameter	1313	780
				RCP	66" Diameter	380	780
				RCP	72" Diameter	340	780
				RCP	78" Diameter	140	780
E	PROPOSED	Line E	The upstream inlet begins at the future alignment of Union Avenue just south of Esther Street. RCP would head northeast under Esther street then along the property line of APN 381-280-002, 003, 006, 007, 024 to Grand Avenue then outlet to Lake Elsinore.	RCP	54" Diameter	904	204
				RCP	72" Diameter	224	336
F	PROPOSED	Line F	Line F runs through the geographic low (possible location for a future street). The alignment would extend towards Grand Avenue and outlet to Lake Elsinore. A basin is proposed upstream of	RCP	42" Diameter	727	215
				RCP	60" Diameter	1218	465
				RCP	66" Diameter	260	540
				Basin	2.63 ac-		

Table IS-2, Detailed Project Description

Watershed	Proposed/ Existing	Facility Name	Facility Description	Facility Type	Facility Size	Facility Length (ft)	100- Year Q (cfs)
			proposed Line F.		ft/1.14 ac area footprint		
				Basin Outlet	48" Diameter	80	215
		Line F-1	Line F-1 inlet is located approximately 300 feet west of the intersection of Akely and Gillette Street. The alignment extends northwesterly approximately 500 feet where it junctions with Line F.	RCP	42" Diameter	520	195
G	PROPOSED	Line G	Line G inlet begins at the intersection of Deeble Entrance and Grand Avenue. The system heads northwest along Grand Avenue and then extends northeasterly towards Lake Elsinore under a private driveway and outlets to the Lake.	RCP	54" Diameter	312	138
				RCP	66" Diameter	405	276
				RCP	72" Diameter	330	330
		Line G WQ Basin	Located at the southwest corner of the intersection of Adelfa Street and Grand Avenue. The water quality basin would require a connection to the existing drainage system of the tract located at southeast corner of the intersection of Grand Avenue and Adelfa Street.	Water Quality Basin	3.74 ac- ft/1.74 ac area footprint		
H	PROPOSED	Line H (Adelfa Channel)	Line H (Adelfa Channel) inlet begins at a vacant parcel (APN: 383-06-039) and extends northwest towards Zellar Street. The alignment continues along Zellar and extends northeasterly towards Cottrell. Line H continues northeasterly along Cottrell and extends northeasterly onto Blackwell Blvd where the alignment continues along the street heading north towards the lake.	RCP	66" Diameter	841	500
				RCP	84" Diameter	2524	1010
		Line H-1	Line H-1 inlet begins approximately 130 feet south of the intersection of Adelfa and Cottrell. Line H-1 continues northeasterly for approximately	RCP	48" Diameter	819	375

Table IS-2, Detailed Project Description

Watershed	Proposed/ Existing	Facility Name	Facility Description	Facility Type	Facility Size	Facility Length (ft)	100- Year Q (cfs)	
			260 feet, northerly for approximately 300 feet, then northeasterly for approximately 200 feet and junctions with Line H at the intersection of Adelfa and Cottrell.					
		Line H-2	Line H-2 inlet begins near the intersection of Anthony Avenue and Brand Street, extends approximately 320 feet along Anthony Avenue. The alignment continues northeasterly towards Cottrell to the intersection of Cottrell and Landerville where Line H-2 junctions with Line H.	RCP	54” Diameter	1137	410	
		Lakeland Village Channel	Inlet begins at proposed basin outlet. Proposed open channel extends northeasterly towards the upstream end of the existing Lakeland Village Channel. Existing culverts located at Grand Avenue, Raley Avenue, Sutherland Avenue, Brightman Avenue, Mackay Avenue, Bobrick Avenue, Hays Avenue and Nelson Avenue will be removed and replaced with proposed 12’W x 4’H RCBs. A 12’W x 4’H rectangular channel is proposed from Grand Avenue to the Lake to replace the existing 7’W x 4.5’H rectangular channel.	Debris/Detention Basin	143 ac-ft/5 ac area footprint			
				Basin Outlet	78” Diameter	1356	515	
				RECT. CHANNEL	12’W x 4’H	557	515	
				RCB	12’W x 4’H	64	515	
				RCB	12’W x 4’H	61	515	
				RCB	12’W x 4’H	66	515	
				RCB	12’W x 4’H	76	515	
				RCB	12’W x 4’H	70	515	
				RCB	12’W x 4’H	65	515	
				RCB	12’W x 4’H	65	515	
		RECT. CHANNEL	12’W x 4’H	614	515			
		EXISTING	Lakeland Village Channel	From the outlet, a 7’W x 4.5’H rectangular channel extends southwesterly towards Grand Avenue. The rectangular channel transitions into a 12’W x 4’H rectangular channel and continues to extend southwesterly parallel to Baldwin Blvd. for approximately 1850 feet.	RECT. CHANNEL	7’W x 4.5’H	600	Not Listed on As-Built
	RECT. CHANNEL			12’W x 4’H	1850			

Table IS-2, Detailed Project Description

Watershed	Proposed/ Existing	Facility Name	Facility Description	Facility Type	Facility Size	Facility Length (ft)	100- Year Q (cfs)		
I	PROPOSED	Line I	Debris basin is located upstream of proposed Line I. Line I inlet is located at approximately 250 feet south of the intersection of Hayes and Wood Street. Alignment travels northeast along Wood Street, northwest along Broomall Avenue, northeast along Downman Street, northwest along Brightman Avenue, then northeast along Lorimer Street where it junctions with Line I-1 at the intersection of Lorimer Street and Brightman Avenue. Line I continues northeast along Lorimer Street until it outlets into the Lake.	Debris Basin	2.8 ac-ft/.86 ac area footprint				
				Basin Outlet	48" Diameter	70	220		
				RCP	36" Diameter	491	220		
				RCP	48" Diameter	429	220		
				RCP	72" Diameter	548	490		
				RCP	72" Diameter	761	650		
				RCP	90" Diameter	490	705		
		Line I WQ Basin	Located at the northwest corner of the intersection of Lorimer Street and Grand Avenue. The water quality basin would require a connection to the existing drainage system of the tract located at the northeast corner of the intersection of Lorimer Street and Grand Avenue.	Water Quality Basin	7.88 ac-ft/2.24 ac area footprint				
		Line I-1	Line I-1 begins at the intersection of Baldwin and Brightman Avenue and runs along Brightman to the junction of Line I at Lorimer Street.	RCP	42" Diameter	585	60		
				RCP	42" Diameter	250	100		
				RCP	48" Diameter	780	185		
		J	PROPOSED	Line J	Line J inlet is located at the intersection of Benner Street and Brightman Avenue. The line extends northeasterly towards Turner Street and then continues north along Turner to Lake Elsinore.	RCP	54" Diameter	556	126
						RCP	60" Diameter	436	228
RCB	5'W x 5'H					212	228		
RCB	7'W x 5'H					72	336		
K	PROPOSED	Line K	From the outlet, the alignment extends southwesterly for approximately 1480 feet towards Grand Avenue, then easterly along Grand for approximately 1260 feet then southwesterly along Ginger Lane for approximately 1100	RCP	102" Diameter	1391	621		
				RCP	90" Diameter	189	621		
				RCP	78" Diameter	1278	527		
				RCP	60" Diameter	1160	527		

Table IS-2, Detailed Project Description

Watershed	Proposed/ Existing	Facility Name	Facility Description	Facility Type	Facility Size	Facility Length (ft)	100- Year Q (cfs)
			feet to the proposed debris basin.	Debris Basin	6.04 ac-ft/1.14 ac area footprint		527
L	PROPOSED	Line L	From the outlet, the proposed rectangular channel extends southeasterly for approximately 400 feet and then southerly for approximately 2000 feet to the headworks. Proposed alignment includes a 7'Wx7'H RCB culvert under Grand Avenue.	RECT. CHANNEL	60'W x 5'H	60	1573
				RECT. CHANNEL	15'W x 8'H	846	1573
				RECT. CHANNEL	18'W x 10'H	443	1453
				RECT. CHANNEL	15'W x 5'H	1071	535
				RCB	7'W x 7'H	110	535
				RECT. CHANNEL	6'W x 5'H	765	535
M	PROPOSED	Line M	From the junction with Line L, a proposed 15'W x 8'H RCB extends easterly then transitions into a 7'W x 7'H RCB that extends southwesterly along Gregory Place towards Grand Avenue. Alignment continues southeasterly under Grand Avenue then continues southeasterly under Koves Road and then southwesterly for approximately 1560 feet to the inlet.	RECT. CHANNEL	15'W x 8'H	806	901
				RCB	7W' X 7'H	1361	869
				RCP	72" Diameter	359	653
				RCP	66" Diameter	832	614
				RCP	60" Diameter	1365	480
N	PROPOSED	Line N	From the outlet, the alignment extends southwesterly towards Grand Avenue then southeasterly along Grand Avenue then southwesterly along Morrell Lane for approximately 2200 feet where Lateral N-1 junctions with Line N. The alignment continues southeasterly for approximately 620 feet and terminates at Line N Debris Basin.	RECT. CHANNEL	50'W x 4'H	100	1258
				RECT. CHANNEL	12'W x 7'H	398	1258
				RCB	12'W x 7'H	812	1258
				RCP	102" Diameter	2460	1201
				RCP	90" Diameter	2316	1015
				RCP	66" Diameter	614	822
				Debris/ Detention Basin	5.68 ac-ft/2.65 ac area footprint		822
		Lateral N-1	From Lateral N-1 inlet, the alignment extends northwesterly for approximately 1000' until it junctions with Line N.	RCP	36" Diameter	1152	130

Table IS-2, Detailed Project Description

Watershed	Proposed/ Existing	Facility Name	Facility Description	Facility Type	Facility Size	Facility Length (ft)	100- Year Q (cfs)
O	PROPOSED	Line O-20	Line O-20 alignment begins at the outlet as a 50'W x 5'H rectangular channel and extends southwesterly along Ontario Way until it connects to the existing 84-inch RCP on TR 24138. Line O-20 alignment continues at the upstream end of the existing 84-inch RCP and extends southeasterly along Grand Avenue towards Borchard Drive then continues along Borchard Drive until it junctions with the proposed debris basin.	RECT. CHANNEL	50'W X 5'H	160	516
				RECT. CHANNEL	7'W X 7'H	40	516
				RCP	60" Diameter	1215	356
				RCP	84" Diameter	770	516
				Debris Basin	5.86 ac-ft/.87 ac area footprint		356
		Line O-10		RECT. CHANNEL	14'W X 8'H	30	779
				RECT. CHANNEL	20'W X 10'H	1293	779
				RCP	78" Diameter	2276	532
				RCP	66" Diameter	1259	502
				Debris Basin	8.01 ac-ft/1.12 ac area footprint		502
	EXISTING	Corydon Channel	Upstream end begins as a double 14'W x 8'H RCB at Union Street then extends northeasterly for approximately 490 feet and then junctions with Palomar Channel.	RCB	DBL 14'W x 8'H	101	1157
				RECT. CHANNEL	28.7'W x 12.6'H	317	1174
				RCB	DBL 14'W x 8'H	80	1174
		Palomar Channel		RCB	14'W x 4.2'H	149	1115
				TRAP CHANNEL	Base width = 22', top width = 70', ss=2:1	546	1115
TRAP CHANNEL				Base width = 24', top width = 76', ss = 2:1	659	2295	

Table IS-2, Detailed Project Description

Watershed	Proposed/ Existing	Facility Name	Facility Description	Facility Type	Facility Size	Facility Length (ft)	100- Year Q (cfs)
				TRAP CHANNEL	Base width = 24', top width = 76', ss = 2:1	576	2374
		Existing 84-inch RCP	Upstream end begins at Grand Avenue then extends northeasterly towards Lake Elsinore for approximately 3400 feet along Ontario Way.	RCP	84" Diameter	3392	516
Q	PROPOSED	Channel A	Channel A alignment begins approximately 340 northwest of Batson Lane and extends easterly approximately 1630 feet towards Corydon Road where it junctions with the existing Palomar Channel.	RCB	42'W x 6'H	60	1115
				TRAP CHANNEL	X 40'W x 6'H, SS = 4:1	1573	1115
	EXISTING	Sedco - Bryant Street Storm Drain	Upstream end begins at Palomar Street, extends southwesterly along Bryant Street and continues northwesterly approximately 1000 feet parallel to Union Street where it junctions with proposed Channel A.	RCP	30" Diameter	2146	17.5
				Debris Basin	1.22 ac- ft		244.72
				RCP	42" Diameter	1211	244.72
				RCP	48" Diameter	843	291.84
				RCP	66" Diameter	1050	312.74
RCP	54" Diameter	677	303.74				

Source: District

9. Surrounding land uses and setting: The MDP Boundary is surrounded by Lake Elsinore and the back basin to the north, the Santa Ana Mountains and the Cleveland National Forest to the south, East Lake Specific Plan to the northeast, and primarily residential development and the Santa Ana Mountains to the west. Natural open space with pockets of rural residential development areas are located adjacent to SR-74 as it winds along the steep easterly face of the Santa Ana Mountains. The primary land uses within the East Lake Specific Plan include low-medium residential development, open space, and recreation. The primary land uses to the east include residential development and the Santa Ana Mountains, with some commercial uses.

10. Other public agencies who may use this CEQA Document or issue Permits for portions of the MDP Facilities:

In addition to CEQA compliance, the MDP is also being reviewed for the need to obtain permits and approvals under other federal, state, and local laws that may be applicable to the construction and maintenance of the MDP Facilities. While these other permits and approvals are independent of the CEQA document, they are being coordinated as closely as possible. Following is a list of the permits potentially required for the future construction and maintenance of the MDP Facilities.

U.S. Army Corps of Engineers

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

Regional Water Quality Board, Santa Ana Region (RWQCB)

Compliance with the National Pollutant Discharge Elimination System (NPDES) General Construction Permit 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 water 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 74 will be required. Water Pollution Control Plans (WPCP) will also be required.

County of Riverside

Encroachments permits will be required to construct the MDP Facilities within road rights-of-way.

City of Lake Elsinore

Encroachments permits will be required to construct the MDP Facilities within road rights-of-way.

City of Wildomar

Encroachments 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 as indicated by the following checklist.

- | | | |
|---|--|--|
| <input checked="" type="checkbox"/> Aesthetics | <input type="checkbox"/> Agriculture and Forestry Resources | <input checked="" type="checkbox"/> Air Quality and Greenhouse Gas Emissions |
| <input checked="" type="checkbox"/> Biological Resources | <input checked="" type="checkbox"/> Cultural Resources | <input checked="" type="checkbox"/> Geology/Soils |
| <input checked="" type="checkbox"/> Hazards and Hazardous Materials | <input checked="" type="checkbox"/> Hydrology/Water Quality | <input type="checkbox"/> Land Use/Planning |
| <input type="checkbox"/> Mineral Resources | <input checked="" type="checkbox"/> Noise | <input type="checkbox"/> Population/Housing |
| <input type="checkbox"/> Public Services | <input type="checkbox"/> Recreation | <input checked="" type="checkbox"/> Transportation/Traffic |
| <input checked="" 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, which reflects the independent judgment of the Riverside County Flood Control and Water Conservation District, it is recommended that:

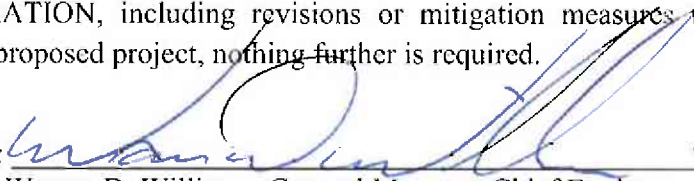
Riverside County Flood Control and Water Conservation District finds that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.

Riverside County Flood Control and Water Conservation District finds 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.

Riverside County Flood Control and Water Conservation District finds that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

Riverside County Flood Control and Water Conservation District finds that the proposed project MAY have a “potentially significant impact” or “potentially significant unless mitigated” impact on the environment, but at least one effect (1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and (2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.

Riverside County Flood Control and Water Conservation District finds 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: 
Warren D. Williams, General Manager-Chief Engineer

Date

9/6/11

Evaluation of Environmental Impacts

- 1) A brief explanation is required for all answers except “No Impact” answers that are adequately supported by the information sources a lead agency cites 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 (*i.e., 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 (*i.e., the project will not expose sensitive receptors to pollutants, based on a project-specific screening analysis*).
- 2) All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.
- 3) Once the lead agency has determined that a particular physical impact may occur, then the checklist answers must indicate whether the impact is potentially significant, less than significant with mitigation, or less than significant. “Potentially Significant Impact” is appropriate if there is substantial evidence that an effect may be significant. If there are one or more “Potentially Significant Impact” entries when the determination is made, an EIR is required.
- 4) “Negative Declaration: Less Than Significant With Mitigation Incorporated” applies where the incorporation of mitigation measures has reduced 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). Earlier analyses are discussed below.
 - a) Earlier Analysis Used. Identify and state where they are available for review.

- b) Impacts Adequately Addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.
- c) Mitigation Measures. For effects that are “Less than Significant with Mitigation Measures Incorporated”, describe the mitigation measures which were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.
- 6) Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (*e.g., general plans, zoning ordinances*). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated. A source list should be attached and other sources used or individuals contacted should be cited in the discussion.
- 7) Supporting Information Sources: A source list should be attached, and other sources used or individuals contacted should be cited in the discussion.
- 8) The explanation of each issue 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
---------	--------------------------------------	--	------------------------------------	--------------

ENVIRONMENTAL EVALUATION

I. AESTHETICS. Would the project:

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

Source: City of Lake Elsinore Zoning Map, City of Wildomar Zoning Map, Elsinore Area Land Use Plan, Department of Transportation, Google Earth, Lakeland Village MDP

Potentially Significant Impact. Immediate views within the MDP Boundary include residential, commercial, agriculture, open space, vacant uses, Lake Elsinore, and the Santa Ana Mountains. State Route 74 (SR-74) is an eligible State Scenic Highway (DOT 2011) and traverses through the westerly portion of the MDP Boundary.

The existing drainage facilities in the Lakeland Village Master Drainage Plan (MDP) are located within existing street rights-of-way. The majority of the new underground storm drains will also be located within existing street rights of way (see Figure 6a and Figure 6b, Proposed MDP Facilities). The embankments of some debris basins could impact scenic views of the Santa Ana Mountains depending on the location and height of the embankments. Debris basin embankments range in height from 10 feet up to 36 feet. The water quality basins will be below grade and out of sight thereby not affecting any scenic vistas. Exposed surfaces, construction debris, and construction equipment may temporarily affect the aesthetic quality of the immediate area. Future construction impacts will be short-term and will cease upon construction completion. The open channels, debris basins on the hillsides, and water quality basins will be visible and could have a substantial adverse effect on a scenic vista. Impacts are therefore considered to be potentially significant. This issue will be further discussed in the forthcoming PEIR.

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

Source: Department of Transportation, Lakeland Village MDP

Less Than Significant Impact. State Route 74 (SR-74) is designated as an eligible State Scenic Highway (DOT 2011). SR-74 runs from southern Mojave Desert to oak and pine forests of San Bernardino National Forest, and offers views of the San Jacinto Valley and peaks of the San Jacinto Mountains (DOT, 2011). The MDP Facilities are primarily located within the roads rights-of-way and

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

developed/disturbed areas and not in the areas which are the focus of the scenic resources along SR 74. Although two of the proposed water quality basins are located near the Ortega Outlet off Grandview Avenue and Line A, which is located within proximity to SR-74, the proposed water quality basins are not blocking the scenic views of the San Jacinto Valley or San Jacinto Mountains along SR-74. Therefore, impacts are considered to be less than significant. This issue will not be further discussed in the forthcoming PEIR.

- | | | | | | |
|-----|---|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Ic) | Substantially degrade the existing visual character or quality of the site and its surroundings? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|-----|---|-------------------------------------|--------------------------|--------------------------|--------------------------|

Source: Lakeland Village MDP

Potentially Significant Impact. The MDP is located in the City of Lake Elsinore, City of Wildomar and within the Elsinore Area Plan in unincorporated areas of Riverside County. Exposed surfaces, construction debris, and construction equipment may temporarily affect the aesthetic quality of the immediate area. Future construction impacts will be short-term and will cease upon construction completion. When construction is complete, the underground drainages will not be visible. However, open channels, debris basins located on the hillsides, and water quality basins will be visible which could substantially degrade the character or quality of the area within the MDP Boundary. The embankments of some debris basins could impact scenic views of the Santa Ana Mountains depending on the location and height of the embankments. Debris basin embankments range in height from 10 feet up to 36 feet. Impacts are considered to be potentially significant. This issue will be further analyzed in the forthcoming PEIR.

- | | | | | | |
|-----|--|--------------------------|--------------------------|--------------------------|-------------------------------------|
| Id) | Create a new source of substantial light or glare, which would adversely affect day or nighttime views in the area? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|-----|--|--------------------------|--------------------------|--------------------------|-------------------------------------|

Source: Lakeland Village MDP

No Impact. The MDP would not require any lighting. Future operation and maintenance of the MDP Facilities will not produce any new sources of light or glare. Any lighting used during the construction phase will be temporary, and construction is expected to take place during the day. The MDP Facilities will not create a new source of substantial light or glare. Therefore, no impacts are anticipated. This issue will not be further analyzed in the forthcoming PEIR.

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

II. AGRICULTURAL & FOREST RESOURCES. In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Department of Conservation as an optional model to use in assessing impacts on agriculture and farmland. Would the project:

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

Source: Farmland Mapping and Monitoring Program (California Department of Conservation 2008), Department of Conservation (2008), CEQA Statutes and Guidelines (2011)

No Impact. Areas designated as Farmland of Local Importance and Prime Farmland are located within the MDP Boundary. However, only the proposed water quality basin along Stoneman Street Channel, Line G, Laterals A and A1, and the proposed detention basin at Ortega Channel lie within Farmland of Local Importance, which is not considered Farmland or agricultural lands according to the CEQA Statutes and Guidelines (2011). There are no MDP Facilities proposed on the lands designated as Prime Farmland within the MDP Boundary area. Therefore, no impacts to convert Farmlands are expected. This issue will not be discussed in the forthcoming PEIR.

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

Source: City of Lake Elsinore Zoning Map, City of Wildomar Zoning Map, City of Lake Elsinore General Plan, City of Wildomar General Plan, Elsinore Area Land Use Plan, Lakeland Village MDP, State of California Department of Conservation.

No Impact. The MDP would not conflict with existing zoning because it will not involve any changes to current General Plan land use or zoning designations. Additionally, the MDP Boundary area is not subject to a Williamson Act Contract. Therefore, no impacts related to conflicting with agricultural zoning, uses or contracts are anticipated. This issue will not be further analyzed in the forthcoming PEIR.

Issues:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<p>IIc) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use?</p> <p>Source: City of Lake Elsinore Zoning Map, City of Wildomar Zoning Map, City of Lake Elsinore General Plan, City of Wildomar General Plan, Elsinore Area Land Use Plan, Lakeland Village MDP, Department of Conservation (2008), CEQA Statutes and Guidelines (2011)</p> <p>No Impact. Even though there is Prime Farmland within the MDP Boundary, the proposed MDP Facilities are not impacting this area. Some of the proposed water quality basin and detention basin will impact Farmland of Local Importance; however, under the CEQA Statutes and Guidelines (2011), Farmland of Local Importance is not considered to be Farmland or agricultural lands. Therefore, the MDP would not convert any Farmland to non-agricultural use. No impacts are expected. This issue will not be discussed in the forthcoming PEIR.</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>IIId) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?</p> <p>Source: City of Lake Elsinore Zoning Map, City of Wildomar Zoning Map, City of Lake Elsinore General Plan, City of Wildomar General Plan, Elsinore Area Land Use Plan, Lakeland Village MDP</p> <p>No Impact. The MDP would not conflict with existing zoning or cause rezoning of forest land, timberland, or timberland zoned for Timberland Production because it will not involve any changes to current General Plan use or zoning designations. Additionally, there are no timberland zoned production areas within the MDP Boundary. This issue will not be further discussed in the forthcoming PEIR.</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>IIe) Result in the loss of forest land or conversion of forest land to non-forest use?</p> <p>Source: Lakeland Village MDP</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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

No Impact. The MDP would not result in the loss of forest land or conversion of forest land to non-forest use because the MDP Facilities are outside forest lands. No impacts are expected. This issue will not be further discussed in the forthcoming PEIR.

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

- | | | | | |
|---|--------------------------|--------------------------|-------------------------------------|--------------------------|
| IIIa) Conflict with or obstruct implementation of the applicable air quality plan? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|---|--------------------------|--------------------------|-------------------------------------|--------------------------|

Source: SCAQMD, AQMP, California Government Code Section 53091

Less Than Significant Impact. The MDP Boundary 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 exempts public water facilities from local zoning regulations, which would apply to the MDP. Since the MDP consists of infrastructure that in and of itself will not result in any changes to the existing land use patterns within the MDP Boundary, and the implementation of this MDP accommodates present and future development within the Lakeland Village area, the MDP does not conflict with or obstruct the implementation of the AQMP. Potential impacts are less than significant and will not be discussed in the forthcoming PEIR.

- | | | | | |
|--|-------------------------------------|--------------------------|--------------------------|--------------------------|
| IIIb) Violate any air quality standard or contribute substantially to an existing or projected air quality violation? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|--|-------------------------------------|--------------------------|--------------------------|--------------------------|

Source: Lakeland Village MDP

Potentially Significant Impact. The construction of the MDP Facilities is expected to occur over years. Impacts to air quality would depend upon the types and lengths of MDP

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

Facilities constructed and on the timing of multiple projects collocated in the same vicinity. Maintenance of the MDP Facilities will also be done as needed. The MDP's consistency with air quality standards will be discussed in the forthcoming PEIR.

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

Source: SCAQMD, AQMP, RCIP, Lake Elsinore General Plan, City of Wildomar General Plan

Potentially Significant Impact. The portion of the South Coast Air Basin where the proposed MDP 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 MDP 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 areas within the MDP Boundary, into compliance with all federal and state air quality standards. The MDP is not a development project and does not conflict with the RCIP General Plan, Lake Elsinore General Plan or City of Wildomar General Plan. Emissions from construction are short-term and will be evaluated in future project-specific air quality analyses for individual projects. Although the MDP is not expected to have a cumulatively considerable increase in air pollution, the incremental contribution to criteria pollutant emissions will be discussed further in the forthcoming PEIR.

- IIIId) Expose sensitive receptors to substantial pollutant concentrations?**
-

Source: Lakeland Village MDP, SCAQMD, Google Maps

Potentially Significant Impact. Sensitive receptors within the MDP Boundary include schools, daycares, and residences. An analysis of impacts to air quality will be conducted for the MDP by assuming the worst-case scenario (i.e. longest length of pipeline constructed at once, largest proposed basin construction and duration, etc.), closeness to receptors, maximum number of receptors, and the MDP's consistency with air quality standards will be discussed in the forthcoming PEIR.

Issues:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<p>IIIe) Create objectionable odors affecting a substantial number of people?</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Source: Lakeland Village MDP

Less Than Significant Impact. The MDP could potentially generate objectionable odors during the future construction phase and during maintenance activities related to operation of diesel-powered equipment. However, recognizing the relative location of the surrounding residential and business developments within the MDP Boundary, and the fact that odors from vehicles and construction equipment already exist within the MDP Boundary and given the short-term construction phases and maintenance activities, the MDP would not create objectionable odors affecting a substantial number of people. Also, the construction of the MDP Facilities will not require a substantial number of diesel-fueled equipment and thus would not create objectionable odors. Impacts are considered to be less than significant. This issue will not be further discussed in the forthcoming PEIR.

<p>III f) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
---	-------------------------------------	--------------------------	--------------------------	--------------------------

Source: Lakeland Village MDP

Potentially Significant Impact. The MDP has the potential to generate greenhouse gas emissions (GHG) that may have a significant impact on the environment. GHG emissions and related impacts will be analyzed in the PEIR.

<p>III g) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--	-------------------------------------	--------------------------	--------------------------	--------------------------

Source: Lakeland Village MDP

Potentially Significant Impact. See III f. GHG emissions and related impacts will be analyzed in the PEIR.

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

IV. BIOLOGICAL RESOURCES. Would the project:

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

Source: Environmental Constraints Analysis

Potentially Significant Impact. As identified in the California Department of Fish and Game (CDFG) California Natural Diversity Data Base (CNDDDB) (CDFG 2011), the California Native Plant Society Inventory of Rare and Endangered Plants (CNPS 2011), U.S. Fish and Wildlife Service (USFWS) data (USFWS 2011), and the Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP) (2003), habitat for federal and state threatened or endangered species is located within the MDP Boundary for least Bell’s vireo. Potential habitat for numerous special status species, such as burrowing owl, has also been identified within the MDP Boundary. In addition, areas designated as Narrow Endemic Plant Species Survey Area (NEPSSA) and Criteria Area Species Survey Area (CASSA) of the MSHCP are located within the MDP Boundary and may require focused surveys when construction is proposed within the species survey areas.

Some MDP Facilities, including basin placement, could affect habitat that supports sensitive species. Implementation of the MDP 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 further discussed in the forthcoming PEIR.

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

Source: Environmental Constraints Analysis

Potentially Significant Impact. The MDP would be implemented in areas that support riparian vegetation communities. For those MDP Facilities within the riparian vegetation communities, additional surveys would be required during subsequent project level CEQA analysis due to the species that may be present. These riparian

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

communities support potential habitat for special-status riparian birds such as least Bell's vireo. This issue will be further discussed in the forthcoming PEIR.

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

Source: Environmental Constraints Analysis

Potentially Significant Impact. It was determined that construction and maintenance of MDP Facilities may require some level of permitting for jurisdictional waters. This issue will be further discussed in the forthcoming PEIR.

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

Source: Lakeland Village MDP

Potentially Significant Impact. The MDP basins and channels may include fences 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 PEIR.

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

Source: Riverside County General Plan, City of Lake Elsinore General Plan, City of Wildomar General Plan

Potentially Significant Impact. The County of Riverside General Plan, City of Lake Elsinore General Plan, and City of Wildomar General Plan contain 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 MDP may adversely affect important

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

plant communities. Compliance with County of Riverside General Plan, City of Lake Elsinore General Plan, and City of Wildomar policies relating to natural resources will be discussed in the forthcoming PEIR.

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

Source: Environmental Constraints Analysis, MSHCP

Potentially Significant Impact. The MDP is subject to compliance with the Western Riverside County Multiple Habitat Conservation Plan (MSHCP, County of Riverside 2003). Compliance with the MSHCP will require an evaluation of whether or not the MDP affects Reserve Assembly as well as the other survey requirements. Some of the MDP Facility sites include riparian habitat area, burrowing owl survey area, NEPSSA, and CASSA survey areas. A portion of the MDP does infringe upon Cells 5036, 5038, 5137, 5140, 5240, and 5342. Therefore, the forthcoming PEIR will include an analysis of consistency with the MSHCP.

V. CULTURAL RESOURCES. Would the project:

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

Source: Lakeland Village MDP

Potentially Significant Impact. The upsizing of the existing drainage facilities and placement of most of the new storm drains would be located within existing street right-of-way and is not expected to impact known historical resources. The new MDP Facilities could have the potential to impact historic resources where they cross undeveloped, undisturbed or unstudied areas. This issue will be discussed further in the forthcoming PEIR.

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

Source: Riverside County FPEIR Volume 1 (2003), Lakeland Village MDP

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

Potentially Significant Impact. The MDP Boundary is located in an area designated as low, high, and undetermined sensitivity for archaeological resources. The upsizing of the existing drainage facilities located within existing street right-of-ways are not expected to impact known archaeological resources. The grading and excavation associated with construction of the new MDP Facilities could have the potential to impact unknown archaeological resources where the new facilities cross undeveloped, undisturbed or unstudied areas and would need to be evaluated further. This issue will be discussed further in the forthcoming PEIR.

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

Source: Riverside County FPEIR Volume 1 (2003), Lakeland Village MDP

Potentially Significant Impact. The MDP Boundary is located in areas of low and undetermined sensitivity for paleontological resources. The expansion of the existing drainage facilities located within existing street right-of-ways are not expected to impact paleontological resources. Construction of the MDP Facilities with the exception of upsizing of the existing facilities would include grading and excavation that may impact paleontological resources. This issue will be discussed further in the forthcoming PEIR.

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

Source: Google maps, State Health and Safety Code, Public Resources Code

Less Than Significant Impact. There are no formal cemeteries located within the MDP Boundary, and it is unlikely that human remains are located within the MDP Boundary. Per State Health and Safety Code 7050.5, if human remains are encountered during construction, no further disturbance shall occur until the Riverside County Coroner has made a determination of origin and disposition pursuant to Public Resources Code Section 5097.98. The Riverside County Coroner must be notified within 24 hours. If the County Coroner determines that the remains are not historic, but prehistoric, the Native American Heritage Commission (NAHC) must be contacted to determine the most likely descendent for this area. Once the most likely descendent is determined, treatment of the Native American human remains will proceed pursuant to Public Resources Code 5097.98. The NAHC may become involved with decisions concerning the disposition of the remains. Therefore, since construction of the MDP Facilities will have to follow state law should any

Issues:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
unexpected human remains be found, and given that no formal cemeteries are located within the MDP Boundary, potential impacts to human remains are less than significant and this issue will not be discussed in the forthcoming PEIR.				

VI. GEOLOGY AND SOILS. Would the project:

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

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

Source: Seismic and Geologic Hazards Review report (Leighton Consulting, Inc., 2011), Riverside County FPEIR Volume 1 (2003)

Less Than Significant Impact. The State has identified one Alquist-Priolo Earthquake Fault zone within the MDP Boundary. The Wildomar Segment of the Elsinore Fault Zone traverses the far southeasterly portion of the MDP Boundary (See Figure 3 of Appendix A, Seismic and Geologic Hazards Review report and Figure 4.10.0 of the Riverside County FPEIR). The earthquake fault zones typically extend about 500 feet in width on either side of a major active fault trace and about 200 to 300 feet in width on either side of a well-defined minor active fault, as designated by the State. The County has identified one Existing County Fault Zone within the MDP Boundary. The Willard fault is within a Riverside County Earthquake Fault Zones (see Figure 3 of Appendix A, Seismic and Geologic Hazards Review report and Figure 4.10.1 of the Riverside County FPEIR).

The MDP does not propose habitable structures and no structures of a critical nature (dams, levees, bridge crossings) that require the consideration of seismic activity are proposed and the District’s routine inspection and maintenance activities will ensure that the MDP Facilities are repaired if damage does occur during a seismic event. In addition, MDP Facility design will follow the recommendation of a registered civil, structural engineer and/or engineering geologist and at a minimum, meet current building standards and codes including those associated with protection from anticipated seismic events within the MDP Boundary. Therefore, impacts are

Issues:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
expected to be less than significant. This issue will not be further discussed in the forthcoming PEIR.				

ii) Strong seismic ground shaking?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
---	--------------------------	--------------------------	-------------------------------------	--------------------------

Source: Seismic and Geologic Hazards Review report (Leighton Consulting, Inc. 2011)

Less Than Significant Impact. The most significant known active Fault Zones that are capable of seismic ground shaking and can impact the MDP include (see Figure 3 of Appendix A, Seismic and Geologic Hazards Review report):

- *Elsinore Fault Zone:* This fault zone, which includes the local Wildomar fault and Willard fault segments, pass through the eastern edge of the MDP Boundary. The Elsinore fault zone is capable of generating a Maximum Earthquake Magnitude (Mw) of 6.8 per the Richter scale.
- *San Jacinto Fault Zone:* This fault zone is located approximately 22 miles northeast of the MDP Boundary and capable of generating earthquakes in excess of 7.1 Mw.
- *Newport-Inglewood Fault Zone (offshore):* This fault zone is located approximately 28 miles west of the MDP Boundary and capable of generating earthquakes in excess of 6.9 Mw.
- *San Andreas Fault Zone (southern section):* This fault zone, located approximately 38 miles northeast of the MDP Boundary, is considered the dominant active fault in California. This fault zone is capable of generating earthquakes in excess of 7.4 Mw.

No habitable structures and no structures of a critical nature (dams, levees, bridge crossings) that require the consideration of seismic activity are proposed as a part of the MDP. Although the MDP Boundary is in an actively seismic area, no habitable structures are proposed and the District’s routine inspection and maintenance activities will ensure that the MDP Facilities are repaired if damage does occur during a seismic event. In addition, MDP Facility design will follow the recommendation of a registered civil, structural engineer and/or engineering geologist and at a minimum, meet current building standards and codes including those associated with protection from anticipated seismic

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

events within the proposed MDP Boundary. Therefore, impacts associated with strong seismic ground shaking are considered less than significant. This issue will not be further discussed in the forthcoming PEIR.

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

Source: RCIP, Seismic and Geologic Hazards Review (Leighton Consulting, Inc., 2011)

Potentially Significant Impact. One of the most common seismic-related ground failure events that most likely would occur within the MDP Boundary is liquefaction. According to Figure 4.10.3 of the Riverside County FPEIR, potential for liquefaction is mainly considered very high within the MDP Boundary. The phenomenon of liquefaction may produce lateral spreading of soils adjacent to a body of water or water course (Lake Elsinore). According to the Seismic and Geologic Hazards Review report prepared by Leighton Consulting, Inc. dated January 21, 2011, developments located further from the lake or drainage courses are anticipated to be at less risk from lateral spreading than those adjacent to the lake embankment.

The MDP does not propose critical MDP Facilities who’s failure from liquefaction would cause injury. The MDP also 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 such as liquefaction. A geotechnical report (field exploration and borings) will be prepared for every project during the design phase. However, the proposed debris and water quality basins, 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 levels in the basins. Impacts related to the proposed alignment being affected by liquefaction and seismic-related ground failure is considered potentially significant. This issue will be further discussed in the forthcoming PEIR.

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

Source: Riverside County General Plan FPEIR, Seismic and Geologic Hazards Review

Potentially Significant Impact. According to Figure 4.10.4 and Figure 4.10.5 of the Riverside County General Plan FPEIR, the MDP is located within an area with steep slopes (30% and greater) and within an area with documented subsidence, respectively. Portions of the MDP Boundary known to be at risk from landslides, rock falls, subsidence, and ground fissuring have been mapped and shown on Figure 4 of Appendix A, Seismic and Geologic Hazards Review report. The MDP may decrease the potential adverse impacts from landslides or mudflows by providing a conduit within which these types of flows could be conveyed. Site-specific geologic review should be performed to determine whether the potential for landsliding or slope instability exists for any future facility. This issue will be further discussed in the forthcoming PEIR.

VIb) Result in substantial changes in topography, unstable soil conditions from excavation, grading or fill, or soil erosion or the loss of topsoil?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
---	--------------------------	--------------------------	-------------------------------------	--------------------------

Source: National Pollutant Discharge Elimination System

Less Than Significant Impact. The majority of the MDP Facilities will be underground except for the open channels, basins, and embankments. Excavated areas (approximately 19 total acres from all the debris basins) will be subject to erosion but any potential adverse impacts will be minimized by implementing an effective combination of erosion and sediment control measures. Pursuant to the applicable provisions of the National Pollutant Discharge Elimination System (NPDES) Municipal Permit for Stormwater Dischargers Associated with Construction Activity, contractors will be required to prepare and implement a Stormwater Pollution Prevention Plan (SWPPP) to control erosion and sedimentation. 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 PEIR.

Issues:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<p>VIc) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Source: Riverside County General Plan FPEIR (2003), Seismic and Geologic Hazards Review (Leighton Consulting, Inc., 2011)

Potentially Significant Impact. According to Figure 4.10.4 and Figure 4.10.5 of the Riverside County General Plan FPEIR, the MDP is located within an area with steep slopes (30% and greater) and within an area with documented subsidence, respectively. Areas of the MDP Boundary known to be at risk from landslides, rock falls, subsidence, and ground fissuring have been mapped and shown on Figure 4 of Appendix A, Seismic and Geologic Hazards Review. The MDP may decrease the potential adverse impacts from landslides or mudflows by providing a conduit within which these types of flows could be conveyed. Site-specific geologic review should be performed to determine whether the potential for landsliding or slope instability exists for any future facility. This issue will be further discussed in the forthcoming PEIR.

<p>VIId) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994 or most current edition), creating substantial risks to life or property?</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
---	--------------------------	--------------------------	-------------------------------------	--------------------------

Source: RCIP, Seismic and Geologic Hazards Review (Leighton Consulting, Inc., 2011)

Less Than Significant Impact. Within Riverside County, expansive soils are widely dispersed and can be found within hillside areas as well as low-lying alluvial basins. The MDP is not within areas underlain by expansive soils since the majority of the soils associated with the MDP Boundary are alluvial-fan deposits (see Figure 2 of Appendix A, Seismic and Geologic Hazards Review report). The proposed basin embankments must comply with the Standard Specifications for Public Work Construction and site-specific geotechnical reports which typically prescribe mitigation for expansive soils. However, since there are no mapped expansive soils within the MDP Boundary, and there would be requirements in place for the embankments to consider expansive soils, this issue is considered to be less than significant and will not be discussed further in the forthcoming PEIR.

Issues:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
VIe) Have soils incapable of adequately supporting any structures, fill or other improvements associated with the project?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Source: Seismic and Geologic Hazards Review (Leighton Consulting, Inc., 2011)

Less Than Significant Impact. Following standard engineering practices, generally, loose soils within the MDP Boundary are removed until dense, relatively “non-compressible” soils (alluvium or Formation materials) are encountered. Removal of the loose soils will typically reduce the adverse impact of the static or dynamic settlements on settlement-sensitive facilities. Topsoil and vegetation layers, root zones, and similar surface materials are typically not suitable for re-use as fill and are re-used for landscaping or removed from the construction area. Most alluvial materials and bedrock materials are considered suitable for re-use as compacted engineered fills. However, excavations in the bedrock materials may generate oversized materials that are difficult to handle in engineered fills. The MDP does not anticipate soils being incapable of adequately supporting the MDP Facilities, fill or other associated project improvements and removal of some soils will not affect the MDP; therefore impacts are considered to be less than significant. This issue will not be further discussed in the forthcoming PEIR.

VII. HAZARDS AND HAZARDOUS MATERIALS. Would the project:

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

Source: Lakeland Village MDP, Riverside County FPEIR Volume 1 (2003), Lake Elsinore General Plan, City of Wildomar General Plan

Less Than Significant Impact. Future construction of the MDP Facilities involves the use of fuel and other petroleum products for construction vehicles and equipment. The construction phase may include the transport of gasoline and diesel fuel and onsite storage for the sole purpose of fueling construction equipment. Future maintenance activities may involve the occasional limited use of herbicides and pesticides in accordance with Federal, State, and local regulations.

Best Management Practices (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 MDP Facilities will comply with all Federal, State and local laws regulating the management and use of hazardous materials. Riverside

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

County adopted a Hazardous Waste Management Plan that serves as the primary planning document for the management of hazardous substances. The City of Lake Elsinore Fire Department provides administration of hazardous materials and regulates permits for the handling, storage, and use of hazardous materials within their city limits. The City of Wildomar contracts with the Riverside County Fire Department/CalFire which provides for hazardous materials response and will assist in the regulation of permits for the handling, storage, and use of hazardous materials. Therefore, since the use of hazards substances are regulated through various federal, state and local laws, the MDP itself will not create a significant hazard to public or the environment. This issue will not be further discussed in the forthcoming PEIR.

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

Source: Lakeland Village MDP

Less Than Significant Impact. See response VIIa. The future construction and maintenance of the MDP Facilities will involve the incidental handling of hazardous materials through the operation and maintenance of equipment. However, BMPs will be implemented for the duration of project construction that will avoid and minimize the release of hazardous materials into the environment. Impacts are considered to be less than significant. This issue will not be further discussed in the forthcoming PEIR.

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

Source: Google maps, Lakeland Village MDP

Less Than Significant Impact. Butterfield Elementary School, Lakeland Village Middle School, and Collier William Elementary School are located within the MDP Boundary. The proposed flood control use does not include any activities or uses that would pose a potential health hazard to the local population other than accidental leakage of petroleum products during construction. All transport, handling, use and disposal of substances such as petroleum products, solvents and paints related to construction, operation and maintenance of the MDP Facilities will comply with all federal, state and local laws regulating the management and use of hazardous materials. Also, the District’s standard procedures include measures which control access and trespass by children and other pedestrians that may be using schools near

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

construction sites. Impacts are considered to be less than significant. This issue will not be further discussed in the PEIR.

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

Source: California Department of Toxic Substance Control, United States Environmental Protection Agency

Potentially Significant Impact. A review of the Department of Toxic Substance Control’s Hazardous Waste and Substances List – Site Cleanup (Cortese List) indicates that identified hazardous material sites are not located within the MDP Boundary. A review of the Environmental Protection Agency’s Enviromapper database indicates that there are ten (10) waste sites within the MDP Boundary. These sites include: Wh James Truck and Auto, B & B Metrology Inc., Circle K, Village Cleaners, Academy Geotechnical Engineers, Culhanes Racing Transmission, Smooth Transport, Associated Equipment Co., United Satellite Network Inc., and G and R Mufflers. Based on the information from Enviromapper, these facilities are located adjacent to various MDP Facilities. Since the MDP will be built out over 20 to 30 years, the information about potential hazardous waste sites can change over time. The forthcoming PEIR will address how the District will identify if future MDP Facilities are located on known hazardous sites lists.

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

Source: RCIP Chapter 6: Safety Element Figure S-19, Google maps, Lakeland Village MDP

No Impact. The closest airport is Skylark Field Airport in the city of Lake Elsinore, but it is not a public airport. The MDP is not located within this airport’s land use plan or within two miles of a public airport or public use airport. No impacts are anticipated. This issue will not be further discussed in the forthcoming PEIR.

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

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

Source: RCIP Chapter 6: Safety Element Figure S-19, Google maps, Lakeland Village MDP

No Impact. The MDP is located within the vicinity of two private airstrips (Skylark Field Airport, located 0.70 miles southeast from the MDP Boundary and Mc Conville Airstrip, located 1.6 miles southwest of the MDP Boundary). However, the MDP includes underground storm drains, open channels, debris basins, and water quality basins, and does not include development that would result in a safety hazard for people residing or working within the MDP Boundary. No impacts are anticipated. This issue will not be further discussed in the forthcoming PEIR.

VIIIf) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?

Source: Riverside County General Plan, Riverside County FPEIR Volume 1 (2003), City of Wildomar General Plan, Riverside County Operational Area Emergency Operations Plan (February 2006), City of Lake Elsinore Emergency Preparedness

No Impact.

The Riverside County Operation Area Emergency Operations Plan is designed to establish the framework for implementation of the California Standardized Emergency Management System for Riverside County and implement the National Incident Management System. The plan helps facilitates Riverside County and local governments in emergency operations. The City of Wildomar contracts with the Riverside County Fire Department/CalFire for services including structural and wildland fire protection, prevention, emergency medical response, hazardous materials response and disaster preparedness. The City of Lake Elsinore has developed an emergency preparedness plan and action in response to potential disasters to the City in the event of an earthquake, wildfire, flooding, terrorism, civil unrest, nuclear plant, severe weather, extreme heat, droughts, utility outages, transportation accidents, and hazardous materials releases. Because buildout of the proposed MDP Facilities will take place over time, and would not be staged in ways that would prohibit access for emergency vehicles, no impacts related to emergency access within Lakeland Village, portions of the City of Lake Elsinore, and portions of the City of Wildomar are expected. This issue will not be further discussed in the forthcoming PEIR.

Issues:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
VIIIh) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where Wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Source: RCIP, City of Lake Elsinore General Plan

Less Than Significant Impact. Since Lakeland Village abuts the Cleveland National Forest, some MDP Facilities are within an area designated as having a high susceptibility to wildfire. However, the MDP Facilities are not susceptible to damage by fire nor would they expose people to wildland fires. The maintenance of basin sites and adjacent areas may contain heavily vegetated areas that could be flammable under certain weather conditions (i.e.: Red Flag Warnings from the National Weather Service). In compliance with the MSHCP, the District’s Operations and Maintenance Division is typically advised to implement all applicable guidelines and BMPs to minimize the change of wildlife or other potential direct/indirect impacts. Therefore, impacts are considered to be less than significant and this issue will not be further discussed in the forthcoming PEIR.

VIII. HYDROLOGY AND WATER QUALITY. Would the project:

VIIIa) Violate or conflict with any adopted water quality standards or waste discharge requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--	-------------------------------------	--------------------------	--------------------------	--------------------------

Source: Lakeland Village MDP

Potentially Significant Impact. The proposed MDP Facilities will convey storm water emanating from residential, commercial, and industrial areas into Lake Elsinore. Although the proposed MDP Facilities will not create new sources of pollutants, there is potential for pollutants to be conveyed within the proposed MDP Facilities and discharged into Lake Elsinore. The proposed water quality basins may reduce storm water pollutant discharges by reducing peak flows, allowing for infiltration, and the new storm drains and channels would rout storm water from the canyons 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 municipalities. The MDP’s potential to contribute Urban Runoff that could violate water quality standards or waste discharge requirements will be further analyzed in the forthcoming PEIR.

The Regional Board listed Lake Elsinore as water quality limited and as an impaired water body in accordance with Section 303(d) of the Clean Water Act (CWA) due to

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

the impact of nutrients, PCBs and unknown toxicity to the beneficial uses the lake provides (warm freshwater aquatic habitat, body contact recreation, non-body contact recreation, and wildlife habitat). Per Section 303(d) of the CWA the Regional Water Quality Control Board established a Total Maximum Daily Load (TMDL) for phosphorus and nitrogen loading to Lake Elsinore. Per State law an implementation plan was also adopted. The forthcoming PEIR will discuss how the MDP relates to the TMDL's and impaired water body status of Lake Elsinore. Therefore, impacts are considered to be potentially significant.

VIIIb) Result in substantial discharges of typical stormwater pollutants

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

Potentially Significant Impact. Implementation of the MDP will result in the future construction, operation and maintenance of a storm drain system and will not create new sources of stormwater pollution. The storm drain system is designed to collect and convey stormwater runoff emanating from the surrounding developed areas. This runoff is expected to contain various stormwater pollutants in amounts that are typically found in stormwater runoff emanating from urbanized areas.

Due to the fact that the MDP will not change the existing or proposed land use of the surrounding area, the type and amount of typical stormwater pollutants in the runoff discharged by the MDP is not expected to vary significantly from the existing condition. It is anticipated that the proposed new storm drains and channels will provide some measure of incidental water quality benefit by collecting stormwater discharged from the canyons and routing it around the urbanized areas. Also, the proposed water quality basins will provide substantial benefits since they serve as a controlled drainage system to treat stormwater runoff before it is discharged into Lake Elsinore.

The discharge of pollutants will be further minimized through the ongoing implementation of the District's and County of Riverside's compliance programs under the National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) permit issued by the California Regional Water Quality Control Board, Santa Ana Region. The MS4 permit requires that the District, County and other municipalities implement a broad range of BMPs to reduce the discharge of stormwater pollutants from new development to the maximum extent

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

practicable. These BMPs are specified in each permittee’s Stormwater Management Plan. The potential short-term discharge of stormwater pollutants during construction activities will be minimized to an insignificant level through the implementation of the BMPs stipulated in the SWPPP. Because water quality is directly related to the actions proposed as part of the MDP, this issue will be further discussed in the forthcoming PEIR.

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

Potentially Significant Impact. The MDP is designed to collect and convey storm water through the MDP Boundary. The proposed channels will be all rectangular concrete channels and will not provide recharge. The forthcoming PEIR will address whether the MDP Facilities will 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.

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

Source: Lakeland Village MDP

Potentially Significant Impact. The MDP is a conceptual drainage system that consists of open channels and/or storm drains, water quality and debris basins. The proposed MDP Facilities will generally follow the existing drainage pattern of the area. The analysis of whether implementation of the MDP will alter the existing drainage pattern including through the alteration of a watercourse, wetland, substantial erosion, or siltation on or offsite requires additional study and analysis, and therefore is considered potentially significant until it can be analyzed fully in the PEIR. This issue will be further discussed in the forthcoming PEIR.

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

VIIIe) 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?

Source: Lakeland Village MDP

Potentially Significant Impact. The proposed MDP Facilities will generally follow the existing drainage pattern of the area. The intent of the MDP is to reduce the potential for flooding within the MDP Boundary. The MDP will act as a guide for the location and size of drainage facilities and basins needed to resolve existing flooding problems within the developed areas. The analysis of whether implementation of the MDP will alter the existing drainage pattern 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 requires additional study and analysis, and therefore is considered potentially significant until it can be analyzed fully in the PEIR. This issue will be further discussed in the forthcoming PEIR.

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

Source: Lakeland Village MDP

Potentially Significant Impact. The MDP is intended to collect and convey storm water through the MDP Boundary. The MDP will be designed to prevent the overflow of existing and proposed drainage systems including open channels, storm drains, debris basins and water quality basins, and expansion of existing facilities. Further analysis is required to determine whether implementation of the MDP will contribute runoff water that would exceed capacity of the existing or planned stormwater drainage system. This issue will be further discussed in the forthcoming PEIR.

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

Source: Riverside County General Plan, City of Lake Elsinore General Plan, Lakeland Village MDP

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

No Impact. Part of the MDP Boundary is within a 100-year flood hazard area. However, no housing is proposed as part of the MDP. In fact, the MDP would remove housing from flood hazard areas; therefore the project will improve the condition of ensuring housing is out of flood hazard areas. The project will not have negative impacts related to housing within a 100-year flood area. This issue will not be further discussed in the forthcoming PEIR.

VIIIh) Place structures or fill within a 100-year flood hazard area, which would impede or redirect flood flows?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
---	--------------------------	--------------------------	--------------------------	-------------------------------------

Source: Riverside County General Plan, City of Lake Elsinore General Plan, Lakeland Village MDP

No Impact. No structures or fill is going to be placed within flood hazard areas that would impede or redirect flows. In fact, the MDP would improve flood control in the area, by constructing facilities that will confine the 100-year flood hazard areas and reduce impacts to the surrounding area. Therefore the project will improve the condition of 100-year flood hazard areas. The project will not have negative impacts related to housing within a 100-year flood area. This issue will not be further discussed in the forthcoming PEIR.

VIIIi) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
---	-------------------------------------	--------------------------	--------------------------	--------------------------

Potentially Significant Impact. One of the objectives of the MDP is to control flooding associated with storm water runoff within the MDP Boundary. The MDP does not include the construction of a levee or dam. However, one of the proposed debris basins would be considered a damn under Division of Safety of Dams (DSOD) criteria. Furthermore, all basin embankments exceed 6 feet in height. The forthcoming PEIR will address how the proposed basins embankments will be designed and constructed in accordance with standard engineering and seismic criteria to minimize the risk of failures.

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

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

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

Source: Seismic and Geologic Hazards Review

Potentially Significant Impact. According to the Seismic and Geologic Hazards Review report, some areas within the MDP Boundary are located within an area that could be subject to inundation by seiches from Lake Elsinore. Impacts are considered to be potentially significant. This issue will be further discussed in the forthcoming PEIR.

IX. LAND USE PLANNING. Would the project:

IXa) Physically divide an established community?

Source: Lakeland Village MDP

No Impact. The MDP is located in the existing community of Lakeland Village. The MDP Facilities are primarily located within existing streets and right-of-ways. Proposed basins are planned to be located within undeveloped areas. Any necessary street, pedestrian and/or wildlife crossings over open channels will be provided. Thus, the MDP would not physically divide an established community. This issue will not be discussed further in the forthcoming PEIR.

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

Source: Lakeland Village MDP, Article XVIII, Riverside County Zoning Code, Riverside County General Plan, City of Lake Elsinore Zoning Code, City of Lake Elsinore General Plan, City of Wildomar Zoning, City of Wildomar General Plan

No Impact. The MDP would not conflict with existing zoning because it will not involve any changes to current General Plan land use or zoning designations. In addition, Section 18.2.a(b) of Riverside County Ordinance No. 348 exempts public agency projects, such as this MDP, from County zoning regulations. The MDP is consistent with the County of Riverside’s, City of Lake Elsinore’s, and City of Wildomar’s land use designation and will not impact existing or proposed land uses. This issue will not be further discussed in the forthcoming PEIR.

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

X. MINERAL RESOURCES. Would the project:

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

Source: Riverside County General Plan

Less Than Significant Impact. According to the RCIP much of the area within the MDP Boundary is classified by the State of California as a Mineral Resource Zone 3 (MRZ-3). MRZ-3 are “areas where the available geologic information indicates that mineral deposits are likely to exist, however, the significant of the deposit it undetermined” (Riverside County General Plan). The MDP includes storm drains mostly located within existing street rights-of-way and would not affect known mineral resources and would not preclude use of such mineral resources in the future. Impacts are considered to be less than significant. This issue will not be discussed further in the forthcoming PEIR.

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

Source: Riverside County General Plan

Less Than Significant Impact. According to the RCIP much of the area within the MDP Boundary is classified by the State of California as a Mineral Resource Zone 3 (MRZ-3). This classification denotes mineral deposits are likely to exist; however, the significance of the deposit is undetermined. The MDP is located primarily within road rights-of-way. It is not anticipated that the proposed MDP Facilities would result in a significant loss of availability of a known mineral resource. Impacts are considered to be less than significant. This issue will not be further discussed into the forthcoming PEIR.

XI. NOISE. Would the project result in:

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

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

Source: Lakeland Village MDP, Riverside County Ordinance 847, City of Lake Elsinore Chapter 17.176 – Noise Control

Potentially Significant Impact. Riverside County Ordinance 847 Section 2 (b) states that capital improvement projects of a governmental agency are exempt from noise regulations. City of Lake Elsinore Chapter 17.176 (Noise Control) of the Municipal Code limits construction, drilling, repair, alteration, or demolition work between the weekday hours of 7:00 p.m. and 7:00 a.m. or at any time on the weekends or holidays except for emergency work of public service utilities or by variance issued by the City of Lake Elsinore. Noise generated by equipment used to construct the MDP Facilities may exceed local and applicable standards. The forthcoming PEIR will analyze whether future construction activities would expose people to or generate noise levels in excess of standards established in the County’s and Cities’ noise ordinances. Impacts are considered to be potentially significant. This issue will be further discussed in the forthcoming PEIR.

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

Source: Lakeland Village MDP

Potentially Significant Impact. The MDP would involve the temporary and intermittent use of construction equipment for various construction and maintenance activities over the life of the MDP. Construction and maintenance equipment may result in temporary increases above existing noise levels. Maintenance activities would be infrequent and involve less equipment than the initial construction of the MDP Facilities. Residential areas are located adjacent to the proposed MDP Facilities and could be temporarily affected by increased noise levels during construction. The long-term operation and maintenance of the MDP Facilities would not cause a significant increase in noise levels. The forthcoming PEIR will analyze whether the construction activities will expose people to or generate excessive ground-borne vibration or ground-borne noise levels. Impacts are considered to be potentially significant. This issue will be further discussed in the forthcoming PEIR.

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

Source: Lakeland Village MDP

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

Less Than Significant Impact. The MDP does not result in permanent noise impacts. Construction activities would not result in permanent noise impacts. Subsequent operation and maintenance activities are expected to generate infrequent and minor increased noise levels associated with trucks and/or heavy equipment used on an as-needed basis for inspection or maintenance purposes. Because there are no permanent sources of substantial noise generated by the MDP, impacts are considered to be less than significant. This issue will not be further discussed in the forthcoming PEIR.

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

Source: Lakeland Village MDP

Potentially Significant Impact. The MDP includes the construction, maintenance and operation of MDP Facilities, which will generate noise on a temporary basis. The forthcoming PEIR will address this issue.

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

Source: RCIP Chapter 6: Safety Element Figure S-19, Google maps, Lakeland Village MDP

No Impact. The MDP is not located within two miles of a public airport or public use airport, which would expose people residing or working within the MDP Boundary to excessive noise levels. No impacts are anticipated. This issue will not be discussed in the forthcoming PEIR.

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

Source: RCIP Chapter 6: Safety Element Figure S-19, Google maps, Lakeland Village MDP

No Impact. The MDP is located within the vicinity of two private airstrips (Skylark Field Airport, located 0.70 miles southeast from the MDP Boundary and Mc Conville

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

Airstrip, located 1.6 miles southwest of the MDP Boundary). However, The MDP does not include development that would result in exposing people residing or working within the MDP Boundary to excessive noise levels. No impacts are anticipated. This issue will not be discussed in the forthcoming PEIR.

XII. POPULATION AND HOUSING. Would the project:

XIIa) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure) resulting in substantial adverse physical impacts or conflicts with the adopted general plan, specific plan, or other applicable land use or regional plan?

Source: Lakeland Village MDP

Less Than Significant Impact. The MDP will provide a conceptual plan for improved flood protection to an area that, for the most part, is already developed. The MDP would not result in any change to existing land use patterns or trigger substantial growth in the area. Regardless, any development that may occur is subject to the policies of the Riverside County General Plan, City of Lake Elsinore, and Wildomar General Plans. Impacts are considered to be less than significant. This issue will not be further discussed in the forthcoming PEIR.

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

Source: Lakeland Village MDP

Less Than Significant Impact. The MDP is a conceptual drainage system that consists of open channels and/or storm drains, water quality basins and debris basins and is not anticipated to displace existing residential structures, necessitating the construction of replacement housing. The proposed MDP Facilities are located primarily within roads right-of-way and not affect existing housing. Impacts are considered to be less than significant. This issue will not be discussed further in the forthcoming PEIR.

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

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

Source: Lakeland Village MDP

Less Than Significant Impact. The MDP is a conceptual drainage system that consists of open channels and/or storm drains, water quality basins and debris basins and is not anticipated to displace people, necessitating the construction of replacement housing elsewhere. The MDP Facilities will be located primarily within roads right-of-way. Impacts are considered to be less than significant. This issue will not be discussed further in the forthcoming PEIR.

XIII. PUBLIC SERVICES

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

Source: Lakeland Village MDP

Fire protection?

No Impact. The proposed MDP Facilities will not require additional services or extended response times for fire protection services. Once implemented, the MDP should reduce the need for fire department services related to flooding. No impacts are anticipated. This issue will not be discussed further in the forthcoming PEIR.

Police protection?

No Impact. The MDP 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 further in the PEIR.

Schools?

No Impact. The MDP does not involve new housing or employment opportunities that would affect local school enrollment. No school facilities will be impacted by the MDP. Therefore, no impacts are anticipated. This issue will not be discussed in the forthcoming PEIR.

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

Parks?

No Impact. None of the proposed MDP Facilities will interfere with or have adverse impacts on parks. Nor would the MDP involve new housing or employment opportunities that would affect the need for new parks. No impacts are anticipated. This issue will not be discussed further in the PEIR.

Other public facilities?

No Impact. The MDP will not adversely impact other public facilities. Therefore, no impacts are anticipated. This issue will not be discussed further in the forthcoming PEIR.

XIV. RECREATION

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

No Impact. The MDP 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 further in the forthcoming PEIR.

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

No Impact. The MDP does not include housing and will not trigger the need for construction or expansion of recreational facilities. No impacts are anticipated. This issue will not be discussed further in the forthcoming PEIR.

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

XV. TRANSPORTATION AND TRAFFIC. Would the project:

- XVa) Conflict with an adopted plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?**

Source: Lakeland Village MDP

Potentially Significant Impact. The proposed MDP Facilities will be constructed mostly within existing roads and right-of-ways. Any traffic impacts will be limited to the construction period and during maintenance activities. Additional analysis and studies for temporary street and lane closures during construction and increase in construction related vehicles will need to be included in the forthcoming PEIR to determine whether the MDP will conflict with existing circulation system. Therefore, impacts are considered to be potentially significant. This issue will be further analyzed in the forthcoming PEIR.

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

Source: Lakeland Village MDP

Potentially Significant Impact. The MDP could increase traffic levels during construction and maintenance activities of the MDP Facilities. Impacts are considered to be potentially significant. This issue will be further discussed in the forthcoming PEIR.

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

Source: Lakeland Village MDP

Less Than Significant Impact. The MDP is a conceptual drainage system that consists of expanding existing drainage facilities, adding new open channels, storm drains, debris basins, and water quality basins primarily within existing roads right-

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

of-way that would not increase hazards due to design features or incompatible uses. No significant reconfiguration of roads are expected as a result of the MDP. Roads impacted by construction of the MDP Facilities will be returned to their original condition. Impacts are considered to be less than significant. This issue will not be further discussed in the forthcoming PEIR.

XVd) Would the project result in inadequate emergency access?

Source: Lakeland Village MDP

No Impact. Portions of the MDP Boundary are located within a 100-year floodplain. The purpose of the MDP is to establish the framework for planning and implementing a drainage system to alleviate flooding within the MDP Boundary. The flood protection offered by the MDP will eliminate floodplains that cross road surfaces thus improve access and mobility in times of flooding emergencies.

Future temporary construction impacts will not significantly interfere or impair traffic flow within the MDP Boundary. Temporary traffic impacts associated with the MDP are further addressed in Section XV of this document. Because build out of the proposed MDP Facilities will take place over time and would not impede access by emergency vehicles during construction or operation, no impacts related to emergency access for fire and police services are expected. This issue will not be further discussed in the forthcoming PEIR.

XVe) Would the project result in inadequate parking capacity?

Source: Lakeland Village MDP

No Impact. The MDP is not expected to affect any existing parking facilities or increase the need for additional parking facilities. No impacts are anticipated. This issue will not be discussed further in the forthcoming PEIR.

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

Source: Lakeland Village MDP

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

Potentially Significant Impact. The construction of the MDP Facilities may require temporary lane closure, bike lane closure, and sidewalk closure on nearby roads. Additional analysis and studies for transportation and traffic will need to be analyzed in the forthcoming PEIR to determine whether the MDP will conflict with adopted policies regarding public transit, bicycle, pedestrian facilities, or other alternate transportation. Impacts are considered to be potentially significant. This issue will be further discussed in the forthcoming PEIR.

XVI. UTILITIES AND SERVICE SYSTEMS. Would the project:

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

Source: Lakeland Village MDP

Less Than Significant Impact. The MDP is not expected to require or result in the construction or expansion of existing facilities.

Minor utility relocations may be necessary during the construction of the proposed MDP Facilities. Utility relocations will be avoided or minimized during the design phase of the MDP Facilities. Therefore, impacts upon existing utilities and service systems are considered to be less than significant.

Electricity

Minor relocations of existing electrical lines may be required to avoid conflict with the alignment of the proposed MDP Facilities. Coordination with related electric service providers will be required. Impacts are considered to be less than significant. This issue will not be discussed further in the PEIR.

Natural Gas

Minor relocation of existing natural gas lines may be required to avoid conflict with the alignment of the proposed MDP Facilities. Coordination with the gas company will be required. Impacts are considered to be less than significant. This issue will not be discussed further in the PEIR.

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

Communication System

Minor relocation of communication systems such as telephone service, television service, and wireless service may be required to avoid conflict with the alignment of the proposed MDP Facilities. Coordination with the communication system providers will be required. Impacts are considered to be less than significant. This issue will not be discussed further in the PEIR.

Street lighting

Minor relocation of street lighting may be required to avoid conflict with the alignment of the proposed MDP Facilities. Coordination with the County's and City's Public Utilities and Public Works will be required. Impacts are considered to be less than significant. This issue will not be discussed further in the PEIR.

Public facilities, including roads and bridges

No public facilities or bridges are being proposed as part of the MDP. Significant reconfiguration of roads are not expected. Impacts are therefore considered to be less than significant. This issue will not be further discussed in the forthcoming PEIR.

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

Source: Lakeland Village MDP

Potentially Significant Impact. Refer to the rest of the Initial Study for detailed analysis of potential impacts from the MDP.

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

Source: Lakeland Village MDP

Less Than Significant Impact. The MDP does not involve activities that would require permanent water supplies. Future construction of the MDP 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 PEIR.

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

XVI d) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project’s projected demand in addition to the provider’s existing commitments?

Source: Lakeland Village MDP

No Impact. The MDP will not generate wastewater. No new wastewater treatment facilities are required as a result of the MDP. No impacts are expected. This issue will not be further discussed in the forthcoming PEIR.

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

Source: Lakeland Village MDP, City of Lake Elsinore General Plan, Riverside County General Plan

Less Than Significant Impact. The MDP would only generate a limited amount of solid waste during future construction 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. Waste (i.e.: debris removal from basins during maintenance) from future operation and maintenance would also be limited. Since there are no landfills within the City of Lake Elsinore, trash is taken to either a landfill within Riverside County or the Materials Recovery Facility. Given that the construction is temporary and the construction of the MDP will be done in phases, it is expected that the landfill would sufficiently permit capacity to accommodate the MDP’s solid waste disposal needs. Impacts are considered to be less than significant. This issue will not be further discussed in the forthcoming PEIR.

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

Source: Lakeland Village MDP

Less Than Significant Impact. The MDP will not generate large quantities of solid waste on a long-term basis. The disposal of future construction waste will comply with all federal, state, and local statutes and regulations regarding solid waste. Potential impacts are less than significant. This issue will not be further discussed in the forthcoming PEIR.

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

XVII. MANDATORY FINDINGS OF SIGNIFICANCE.

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

Source: Lakeland Village MDP

Potentially Significant Impact. Based on the evaluation and discussions contained in this Initial Study, the MDP has the potential to result in significant impacts to the following: aesthetics, air quality/greenhouse gas emissions, biological resources, cultural resources, geology/soils, hazards and hazardous materials, hydrology/water quality, noise, transportation/traffic, and utilities and service systems. These environmental concerns will be analyzed in the forthcoming PEIR and mitigation will be presented as appropriate.

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

Source: Lakeland Village MDP

Potentially Significant Impact. See response XVIIa above. The forthcoming PEIR will address the contribution of the MDP to any cumulative impacts previously identified.

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

Source: Lakeland Village MDP

Potentially Significant Impact. Based on the analysis of all the above questions, it has been determined that there could be potentially significant effects on human beings. The analysis of the MDP’s potential on environmental effects which can cause substantial adverse effects on human beings, with the potential for feasible mitigation measures, requires additional study and analysis, and therefore is considered potentially significant until it can be analyzed fully in the PEIR. This will be analyzed in the forthcoming PEIR.

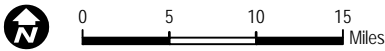
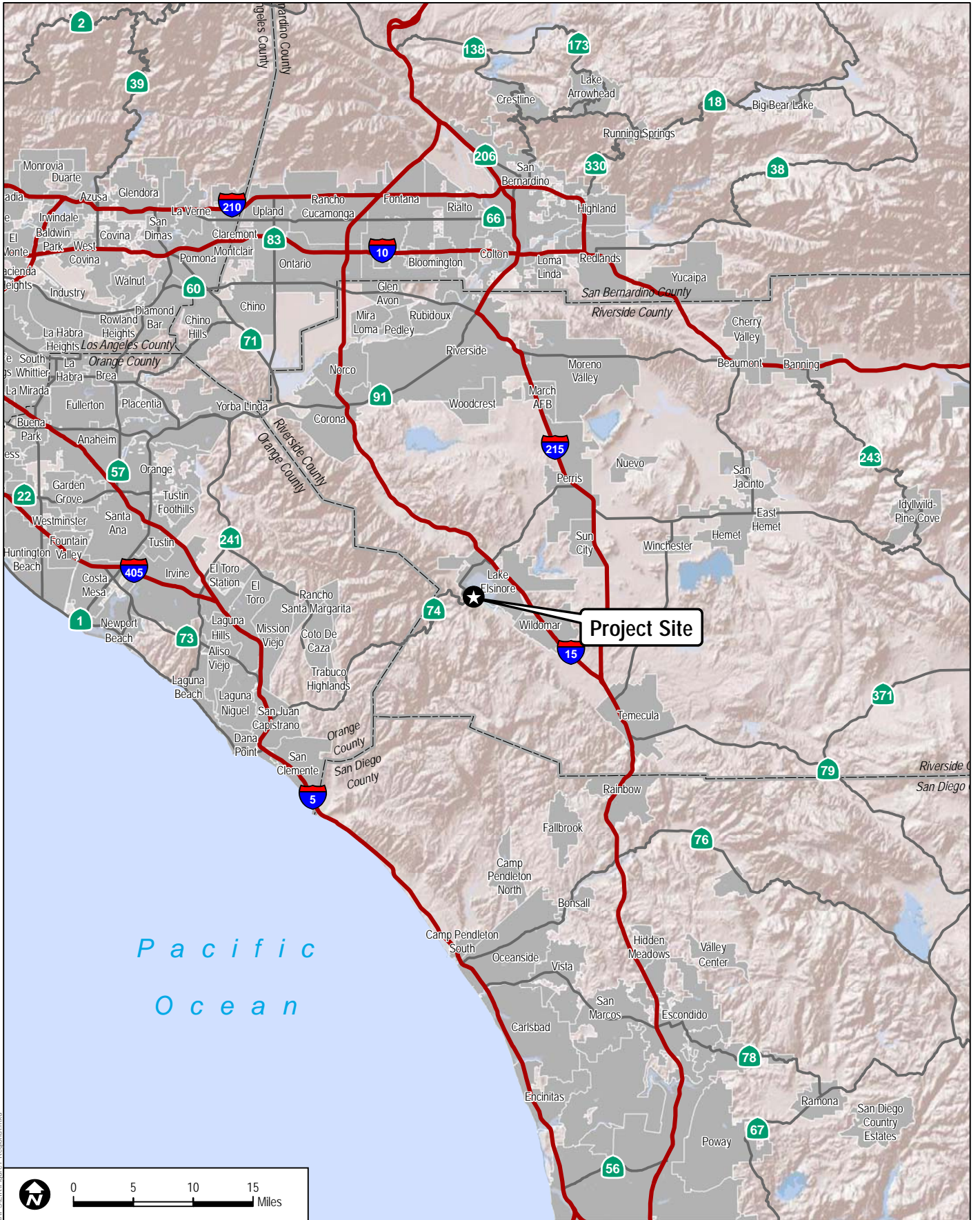
APPENDIX

Appendix A - Seismic and Geologic Hazards Review - Lakeland Village Master Drainage Plan

INITIAL STUDY CHECKLIST REFERENCE LIST

1. California Department of Toxic Substances Control. 2010. DTSC's Hazardous Waste and Substances Site list – Site Cleanup (Cortese List). Accessed on March 14, 2011: http://www.dtsc.ca.gov/SiteCleanup/Cortese_List.cfm.
2. California Law. California Government Code. Accessed on May 5, 2011: <http://www.leginfo.ca.gov/cgi-bin/displaycode?section=gov&group=53001-54000&file=53090-53097.5>.
3. California Law. Health and Safety Code Section 7050.5-7055. Accessed on May 5, 2011: <http://www.leginfo.ca.gov/cgi-bin/displaycode?section=hsc&group=07001-08000&file=7050.5-7055>.
4. California Public Resources. California Public Resources Code 5097.9. Accessed on May 5, 2011: <http://www.nahc.ca.gov/cpr.html#5097.98>.
5. California Regional Water Quality Control Board. 2005. Resolution No. R8-2004-0037. Accessed on May 12, 2011: http://www.swrcb.ca.gov/rwqcb8/board_decisions/adopted_orders/orders/2004/04_037.pdf.
6. City of Lake Elsinore. 2011. Emergency Preparedness. Accessed on July 20, 2011: <http://www.lake-elsinore.org/index.aspx?page=471>.
7. City of Lake Elsinore. Lakeland Village Sphere District. Accessed on April 28, 2011
8. City of Wildomar. Accessed on May 11, 2011: <http://www.cityofwildomar.org/planning.asp>.
9. County of Riverside. Ordinance 457. Accessed on May 6, 2011: <http://rivcocob.com/ords/400/457.pdf>.
10. County of Riverside. 2003. Riverside County Integrated Project - Elsinore. Accessed on March 9, 2011: http://www.tlma.co.riverside.ca.us/genplan/content/ap1/elsinore.html#TOC1_5.
11. County of Riverside. February 2006. Riverside County Operational Area Emergency Operations Plan (EOP). Accessed on July 17, 2011: http://www.rvcfire.org/opencms/functions/oes/EmergencyManagement/PlansandPublications/RIVERSIDE_COUNTY_OPERATIONAL_AREA_EMERGENCY_OPERATIONS_PLAN_xEOPx.html.
12. County of Riverside. 2010. Riverside County Planning Department Article XVIII. Accessed on May 6, 2011: <http://www.rctlma.org/planning/content/zoning/ordnance/ord348c.html>.

13. County of Riverside. October 2003. General Plan Final Program Environmental Impact Report, Volume 1.
14. County of Riverside. Master Drainage Plan & Area Drainage Plan. Accessed on April 27, 2011: <http://www.floodcontrol.co.riverside.ca.us/content/mdpadphome.htm>.
15. Department of Transportation. 2011. Accessed on March 12, 2011. <http://www.dot.ca.gov/hq/LandArch/scenic/cahisys3.htm>
16. Department of Transportation. 2011. Route 74 – Scenic Highway. Accessed on May 11, 2011: http://www.dot.ca.gov/hq/LandArch/scenic_highways/index.htm.
17. Department of Water Resources. 2011. Division of Safety of Dams. Accessed on August 31, 2011: <http://www.water.ca.gov/damsafety/>.
18. Lake Elsinore. 2011. General Plan Update. Accessed on April 28, 2011: <http://www.lake-elsinore.org/index.aspx?page=794>.
19. Leighton Consulting, Inc. January 21, 2011. Seismic and Geologic Hazards Review - Lakeland Village Master Drainage Plan. (available at Riverside County Flood Control and Water Conservation District)
20. South Coast Air Quality Management District. June 2007. Final 2007 Air Quality Management Plan. Accessed on April 28, 2011: http://www.aqmd.gov/aqmp/07aqmp/aqmp/Complete_Document.pdf.
21. State of California Department of Conservation. 2007. Riverside County Williamson Act Lands 2007. September 29, 2008. Accessed on April 28, 2011: ftp://ftp.consrv.ca.gov/pub/dlrp/wa/Map%20and%20PDF/Riverside/RiversideWA_07_08.pdf
22. U.S. Environmental Protection Agency. EnviroMapper. Accessed on July 21, 2011: <http://www.epa.gov/emefdata/em4ef.home>.
23. U.S. Environmental Protection Agency. 2009. National Pollutant Discharge Elimination System. Accessed on May 5, 2011: <http://cfpub.epa.gov/npdes/stormwater/const.cfm>.



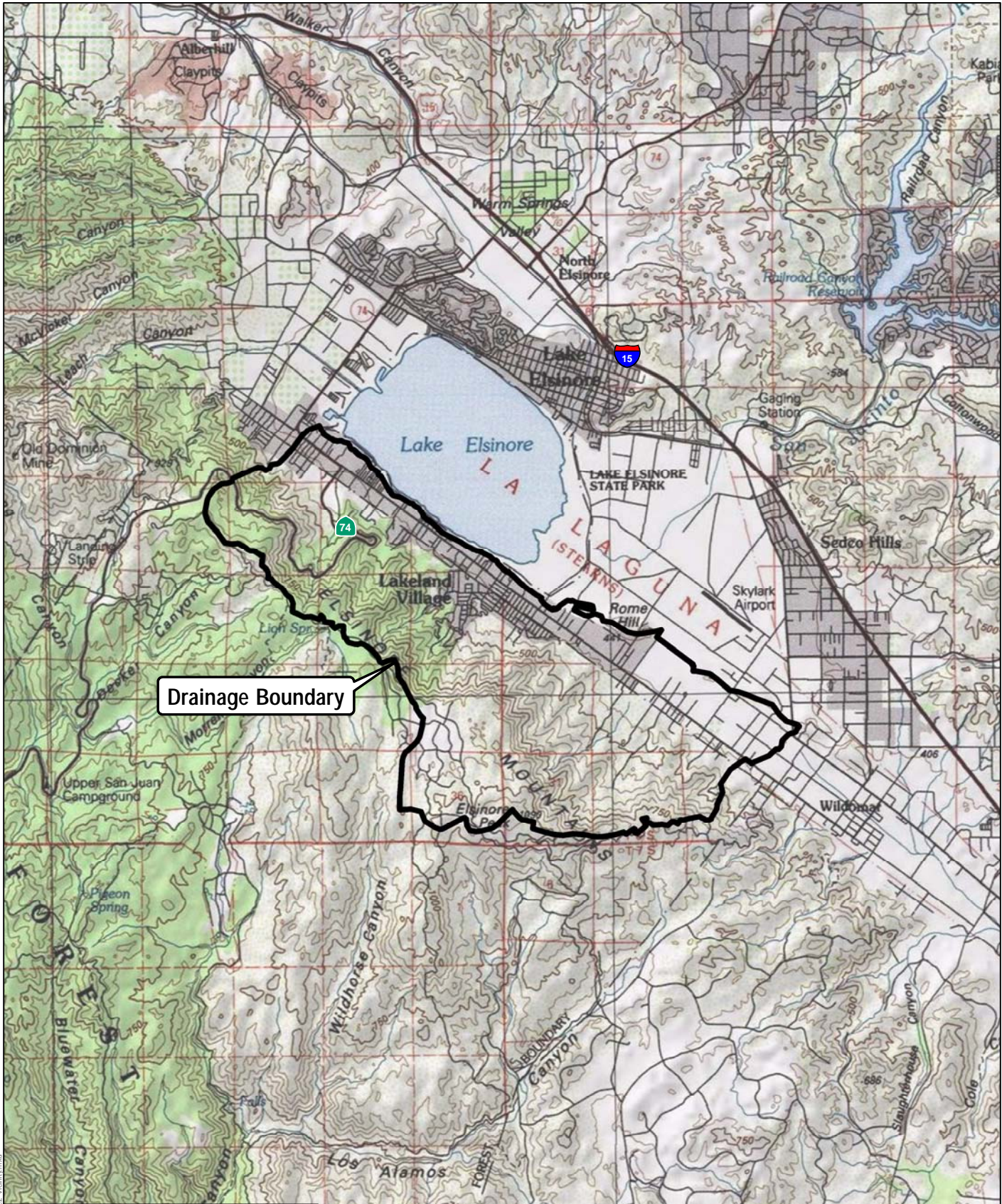
DUDEK

6736

LAKELAND VILLAGE MDP INITIAL STUDY

FIGURE 1
Regional Map

Z:\Projects\673601\MAPS\DC\MAPS\SERIF\Figure1_Regional.mxd



Drainage Boundary



0 1 2 Miles

DUDEK

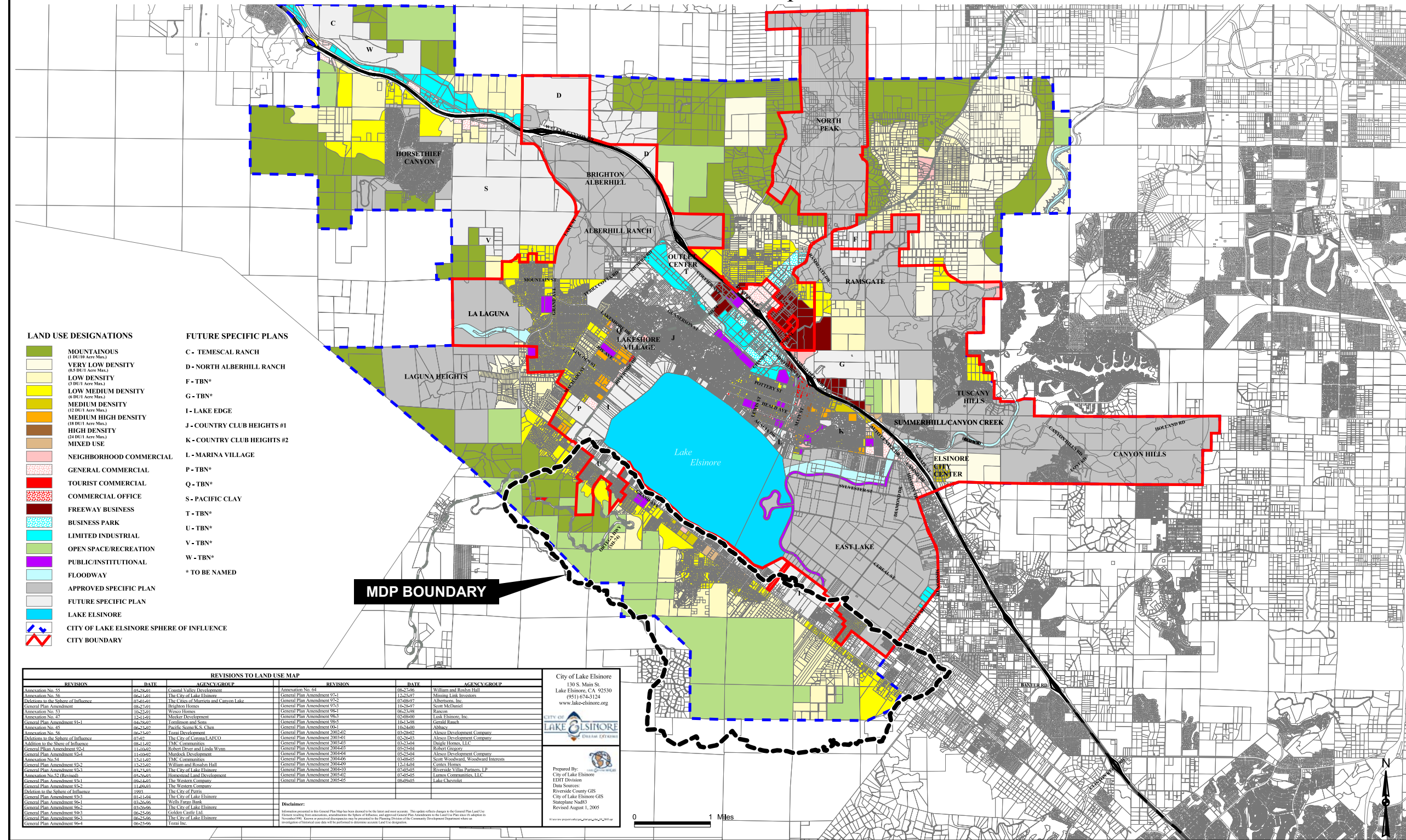
6736

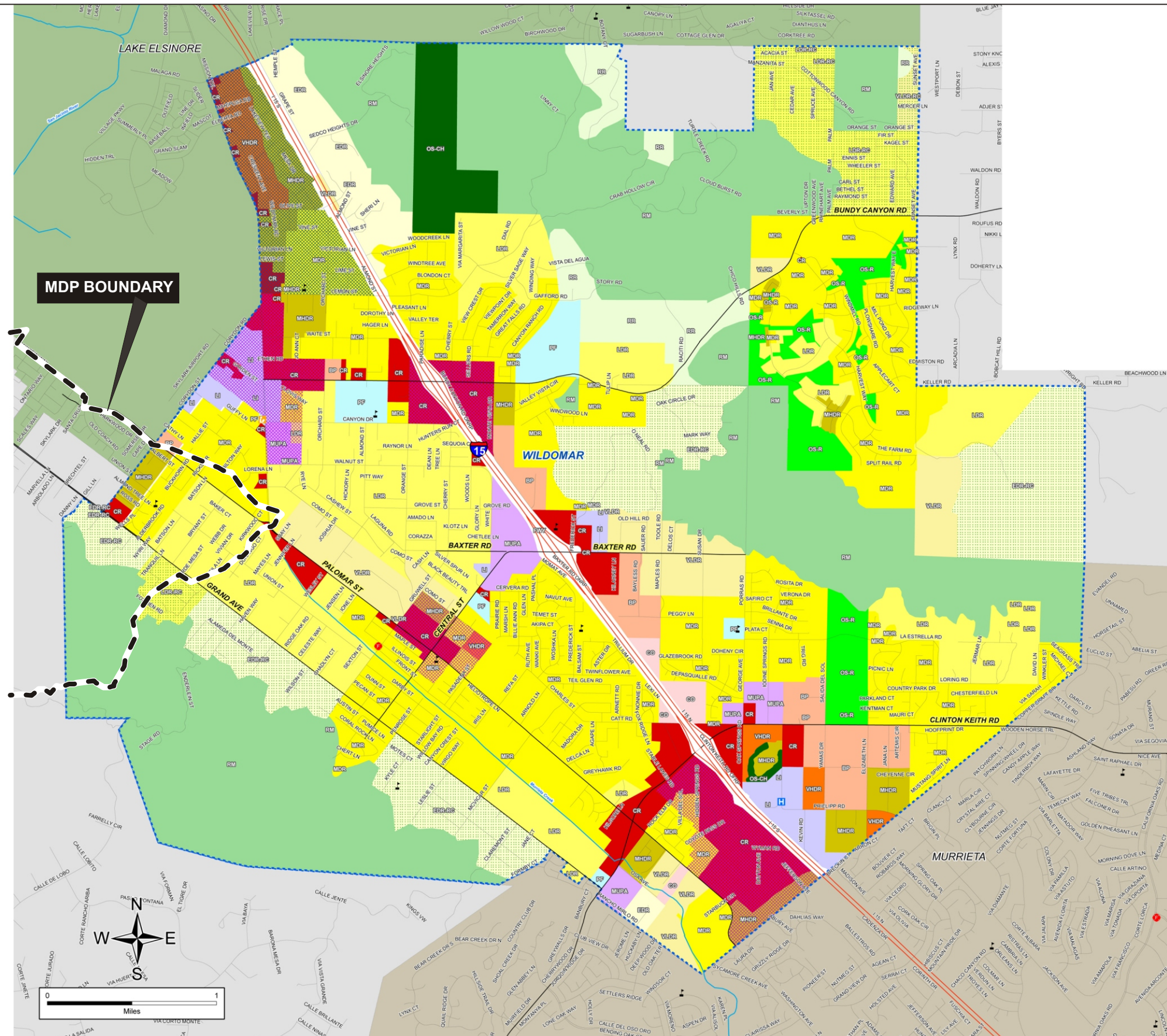
SOURCE: USGS 7.5-Minute Series Alberhill, Elsinore, Sitton Peak and Wildomar Quadrangles.

LAKELAND VILLAGE MDP INITIAL STUDY

FIGURE 2
Vicinity Map

City of Lake Elsinore General Plan Land Use Map





GENERAL PLAN LEGEND

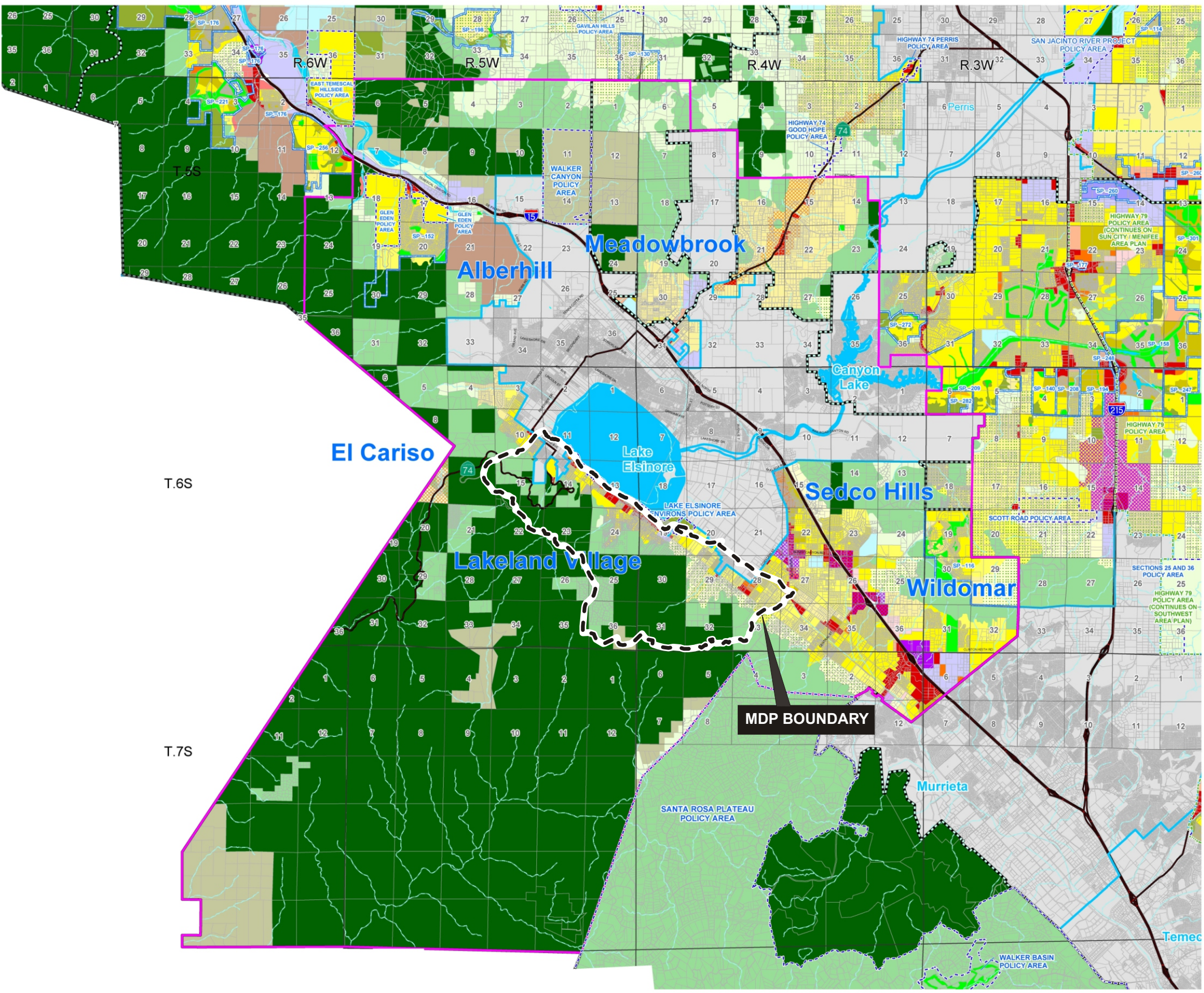
OVERLAY

- COMMUNITY CENTER
- MIXED USE POLICY AREA

LAND USE

- Estate Residential
- EDR-RC
- Very Low Density Residential
- VLDR-RC
- Low Density Residential
- LDR-RC
- Medium Density Residential
- Medium High Density Residential
- High Density Residential
- Highest Density Residential
- Very High Density Residential
- Commercial Retail
- Commercial Tourist
- Commercial Office
- Community Center
- Light Industrial
- High Industrial
- Business Park
- Public Facilities
- Mixed Use Policy Area
- Rural Residential
- Rural Mountainous
- Rural Desert
- Agriculture
- Conservation
- Conservation Habitat
- Open Space Recreation
- Open Space Rural
- Water
- Mineral Resources
- Indian Lands
- Freeway
- WILDOMAR CITY LIMITS

Z:\Projects\673601\MAPDOC\MAPS\IS



Elsinore Area Land Use Plan

GENERAL PLAN FOUNDATION COMPONENTS AND LAND USE DESIGNATIONS

- COMMUNITY DEVELOPMENT**
- Estate Density Residential (2 acre minimum lot size)
 - Very Low Density Residential (1 acre minimum lot size)
 - Low Density Residential (One-half acre minimum lot size)
 - Medium Density Residential (2 -5 D.U./acre)
 - Medium High Density Residential (5 -8 D.U./acre)
 - High Density Residential (8 -14 D.U./acre)
 - Very High Density Residential (14 -20 D.U./acre)
 - Highest Density Residential (20+ D.U./acre)
- Definitions:
D.U. - Dwelling Units

- COMMUNITY DEVELOPMENT (CONT.)**
- Commercial Retail
 - Commercial Tourist
 - Commercial Office
 - Community Center
 - Light Industrial
 - Heavy Industrial
 - Business Park
 - Public Facilities
 - Mixed Use Planning Area

- RURAL COMMUNITY**
- Estate Density Residential (2 acre minimum lot size)
 - Very Low Density Residential (1 acre minimum lot size)
 - Low Density Residential (One-half acre minimum lot size)

- RURAL**
- Rural Residential (5 acre minimum lot size)
 - Rural Mountainous (10 acre minimum lot size)
 - Rural Desert (10 acre minimum lot size)

- AGRICULTURE**
- Agriculture

- OPEN SPACE**
- Conservation
 - Conservation -Habitat
 - Open Space -Recreation
 - Open Space -Rural
 - Open Space -Water
 - Open Space -Mineral Resources
- OVERLAYS**
- Business Park
 - Commercial Retail
 - Rural Village and Rural Village Study Area
 - Community Center
 - Community Development

- MWD Facilities
- Watercourse
- Supervisorial District Boundary
- Cities
- Sections
- Township/Range
- Areas Subject to Indian Jurisdiction
- Area Plan Boundaries

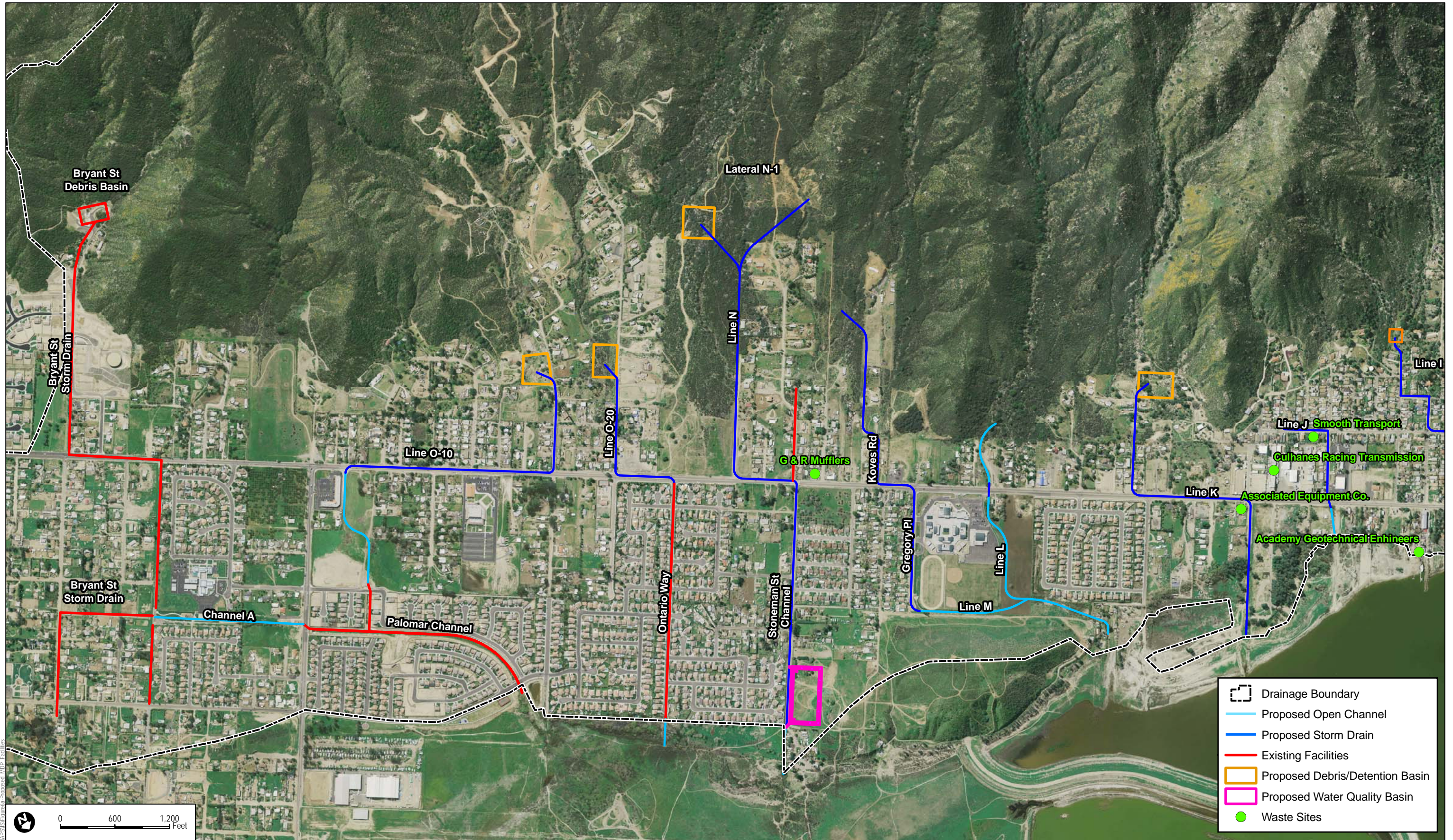
Note: This Map may show designations on lands that have been annexed to cities after 1999.

Source Information: General Plan land uses depicted on this map were developed by The County of Riverside Planning Department. The oldest data shown on this map was created in 1990.

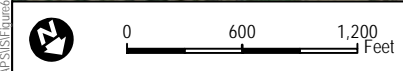
This map may not represent the most current information available and may be revised without prior notice. The geographic information system and other sources should be queried for the most current information. This map or any information represented on it, shall not be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying and recording.

FIGURE 5
Elsinore Area Land Use Plan

Z:\Projects\673601\MAPDOC\MAPS\SIS



- Drainage Boundary
- Proposed Open Channel
- Proposed Storm Drain
- Existing Facilities
- Proposed Debris/Detention Basin
- Proposed Water Quality Basin
- Waste Sites



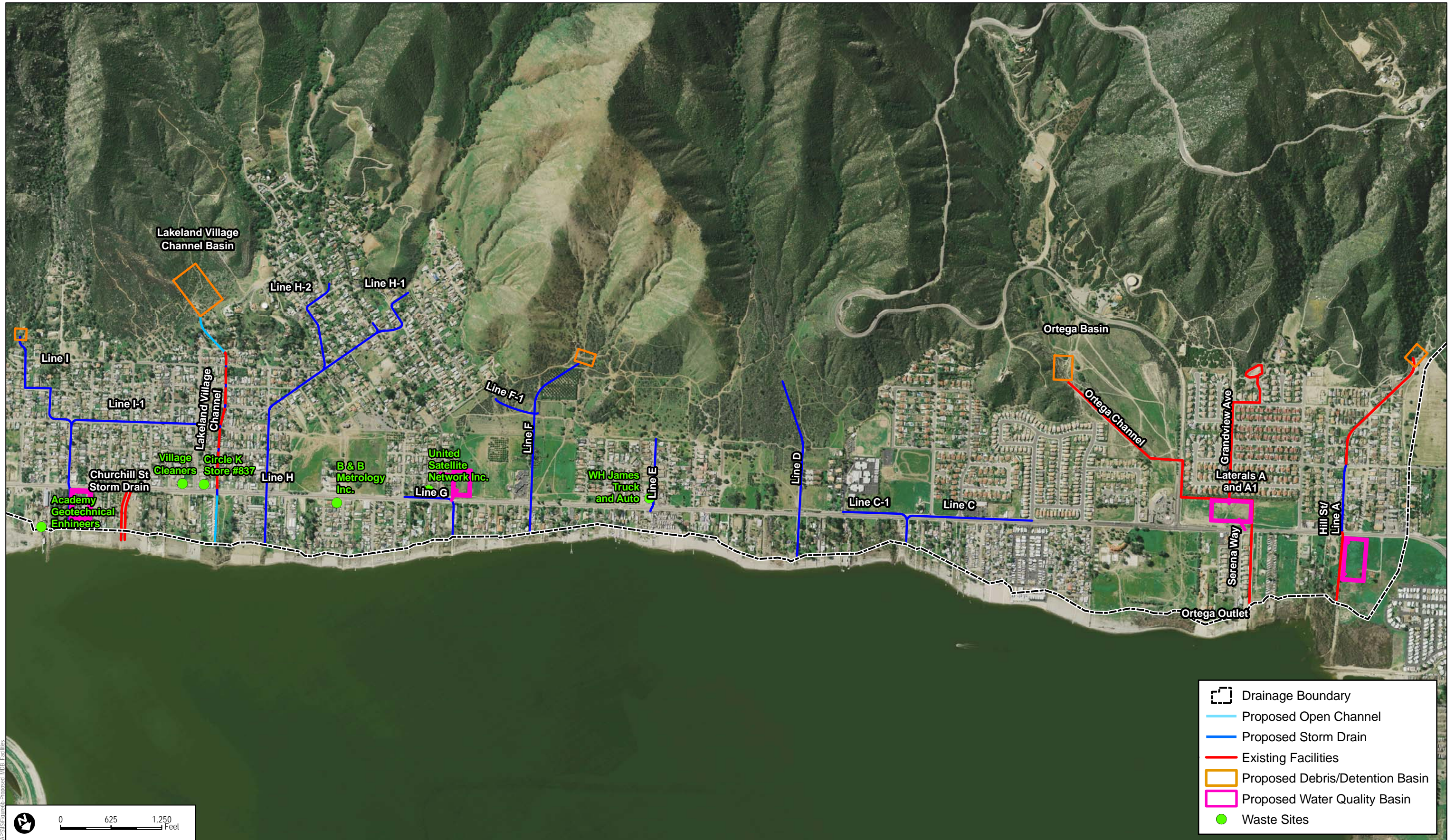
DUDEK

6736

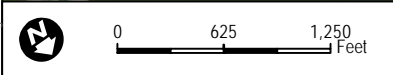
SOURCE: Riverside County Flood Control and Water Conservation District 2010;
County of Riverside MSHCP; Digital Globe 2008

LAKELAND VILLAGE MDP INITIAL STUDY

FIGURE 6a
Proposed MDP Facilities (Left)



- Drainage Boundary
- Proposed Open Channel
- Proposed Storm Drain
- Existing Facilities
- Proposed Debris/Detention Basin
- Proposed Water Quality Basin
- Waste Sites



DUDEK SOURCE: Riverside County Flood Control and Water Conservation District 2010; County of Riverside MSHCP; Digital Globe 2008

FIGURE 6b
Proposed MDP Facilities (Right)

Distribution List

Mailing List – Lakeland Village Master Drainage Plan

SENDING ON 9/7:

Corps of Engineers, Los Angeles District
Regulatory Division
Riverside Field Office
1451 Research Park Drive, Suite 100
Riverside, CA 92507-2154
Attn: Jim Mace

U.S. Fish and Wildlife Service
Carlsbad Fish & Wildlife Office
6010 Hidden Valley Road, Suite 101
Carlsbad, California 92009
Attn: Ken Corey

Caltrans
464 West 4th Street
San Bernardino, CA 92401

California Department of Fish and Game
3602 Inland Empire Blvd., Suite C-220
Ontario, CA 91764-4913
Attn: Leslie MacNair

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

Southern California Association of Governments
818 West Seventh Street, 12th Floor
Los Angeles, CA 90017-3435
Attn: Intergovernmental Review

Western Riverside Council of Governments
4080 Lemon Street, 3rd Floor
Riverside, CA 92501
Attn: Rick Bishop

Riverside County Planning Department
4080 Lemon Street, 9th Floor
Riverside, CA 92502
Attn: Kristi Lovelady

Lake Elsinore Unified School District
545 Chaney Street
Lake Elsinore, CA 92530

Mr. Mark Adelson
Regional Water Quality Board
Santa Ana Region
3737 Main Street, Suite 500
Riverside, CA 92501-3348

Mr. Charles Landry, Executive Director
Western Riverside County
Regional Conservation Authority
Riverside Centre Building
3403 10th Street, Suite 320

Riverside, CA 92501
City of Lake Elsinore
Planning Division
130 S. Main Street
Lake Elsinore, CA 92530

Mr. Matthew Bassi, Planning Director
City of Wildomar
Department of Planning
23873 Clinton Keith Road, Suite 201
Wildomar, CA 92595

Mr. Ronald Young, General Manager
Elsinore Valley Municipal Water District
Post Office Box 3000
31315 Chaney Street
Lake Elsinore, CA 92531

Mr. Aurelio Aguirre
County of Riverside
Economic Development Agency
3403 10th Street, Suite 500
Riverside, CA 92501

Mr. Mark Norton, Authority Administrator
Lake Elsinore and San Jacinto Watersheds Authority
11615 Sterling Avenue
Riverside, CA 92503

Ms. Farah Khorashadi
County of Riverside Transportation Department
County Administrative Center
Riverside, CA 92501

Bureau of Indian Affairs
2800 Cottage Way
Sacramento, CA 95825
Attn: John Rydzik

SENT ON 9/6

State Clearinghouse*
P.O. Box 3044
Sacramento, CA 95812-3044

*15 copies (see Reviewing Agencies Checklist -
Highlighted agencies were denoted with "S" on the
State Clearinghouse distribution list)

Notice of Preparation

NOTICE OF PREPARATION

To: Interested Party

From/Lead Agency: Riverside County Flood Control and Water Conservation District
Art Diaz, Senior Civil Engineer
1995 Market Street
Riverside, California 92501

Date: September 7, 2011

Subject: **Notice of Preparation of a Draft Program Environmental Impact Report for the Lakeland Village Master Drainage Plan and Notice of Public Scoping Meeting**

Riverside County Flood Control and Water Conservation District will be the Lead Agency and will prepare a Draft Program Environmental Impact Report (PEIR) for the proposed Lakeland Village Master Drainage Plan (MDP). We need to know your views or the views of your agency or organization as to the scope and content of the environmental information that is germane to your agency's statutory responsibilities in connection with the MDP. The project description, location, and the potential environmental effects are contained in the attached materials. A copy of the Initial Study, regional map (Figure 1), vicinity map (Figure 2), and Proposed MDP Facilities (Figure 3a and Figure 3b) are attached. The Initial Study and NOP will be posted on the District's website: www.rcflood.org during the public comment period.

You are invited to attend a public scoping meeting, which will be held on September 28, 2011, at 9:00 a.m. at the Riverside County Flood Control and Water Conservation District, 1995 Market Street, Riverside, CA 92501.

Due to time limits mandated by state law, your response to the Notice of Preparation must be submitted at the earliest possible date **but no later than 30 days** after receipt of this notice. Written comments on the attached Initial Study which outlines the proposed contents of the forthcoming Draft Program EIR should be submitted to the address above by **October 7, 2011**.

Please send your response to Art Diaz, Senior Civil Engineer, at the address shown above. We will need the name for a contact person in your agency. If you have any questions, please contact Art Diaz at (951) 955-1233 or via e-mail at aadiaz@rcflood.org.

PROJECT TITLE: **Lakeland Village Master Drainage Plan**

PROJECT LOCATION

The Lakeland Village Master Drainage Plan (MDP) is located within Lakeland Village, in the City of Lake Elsinore, City of Wildomar, and unincorporated Riverside County, California. The boundaries of the MDP, which encompasses approximately 13 square miles, is generally bounded by Lake Elsinore to the north, the ridgeline of the Santa Ana Mountains to the south, Bryant Street and Sheila Lane to the east, and Riverside Drive to the west.

PROJECT DESCRIPTION

CEQA analysis of a Master Drainage Plan is more complex than the typical project because Master Drainage Plans have a variety of purposes that are implemented over time; in fact, some parts of the plan could be implemented many years in the future or not at all, which makes the CEQA analysis conducive to using a Programmatic Environmental Impact Report (PEIR). The Riverside County Flood Control and Water Conservation District's (District) proposed Lakeland Village Master Drainage Plan (MDP) analyzed in this CEQA document consists of the three separate components: Administration of the MDP, Future Construction of the MDP, and Future Operations and Maintenance of the MDP.

Administration of the MDP

The first component of the MDP being analyzed in this CEQA document consists of the preparation of and, ultimately, the adoption of the MDP and its use as a long-range planning document. The MDP will be a guide for the alignment, type, size and cost of major existing and proposed facilities (MDP Facilities) within the watershed to address the current and future drainage needs of Lakeland Village and the surrounding area. The drainage boundary of the MDP (MDP Boundary) is drawn to include all of the watershed area that contributes to the drainage problems in the community. The MDP Facilities would contain the 100-year flood discharge.

The MDP has a variety of planning uses. The MDP will be relied upon by not only the County of Riverside as it reviews and approves existing and proposed development in the Lakeland Village area, but if adopted, can be used by the City of Wildomar and City of Lake Elsinore as they review and approve new development. New development may be required to construct MDP Facilities or set aside right of way for the future construction of the facilities. The local jurisdictions can also use the MDP to identify MDP Facilities and costs for inclusion in capital improvement programs. Finally, the local jurisdictions can use the MDP for long-range planning of other public infrastructure projects like roads or utility pipelines.

Future Construction of the MDP

The second component of the MDP being analyzed in this CEQA document is the reasonably foreseeable impacts resulting from construction of the MDP Facilities. The MDP identifies the approximate location, size and type of MDP Facilities needed in order to alleviate and control flooding in the MDP Boundary. The alignments and type of facility depicted in the MDP can change as more detailed information becomes available during the design process. For example, the locations of underground utilities, new development patterns or the results of subsequent focused biological surveys may necessitate a shift in alignment or change in facility type. To add to that uncertainty, the construction of the MDP Facilities will be accomplished in discrete phases over a number of decades.

Despite this future environment of uncertainty and change, the MDP CEQA document still must identify the general types of construction activities anticipated and the associated impacts of them. Table IS-1 in the Initial Study lists the types of drainage improvements (i.e., new facilities and upgrades to existing ones) proposed in the MDP; and Table IS-2 in the Initial Study provides a detailed description of each of the individual MDP Facilities.

Of course subsequent CEQA analysis would be required when specific MDP Facilities are proposed for construction, but those future construction projects would be able to tier from the PEIR. Actual construction of the MDP Facilities may be fulfilled by conditions of approval on development projects or capital improvement projects undertaken by the County of Riverside, City of Wildomar, City of Lake Elsinore, or the District.

Future Operations and Maintenance of the MDP

The final component of the MDP to be analyzed in this CEQA document is the reasonably foreseeable impact of future operation and maintenance activities. Once a facility is constructed it will require maintenance in order to retain flood control capacity. It is expected that the District will operate and maintain all of the Lakeland Village MDP storm drains, channels, and basins.

Maintenance of storm drains and concrete channels typically consists of keeping these facilities and their side drains clear of debris and sediment, as well as repairing access roads and fences. On rare occasions, major repairs may be required following damaging storm events. Thus, major grading will not routinely occur while maintaining the underground storm drains and open concrete channels.

The routine maintenance of the earthen channels and basins will likely require the following activities: the removal of deposition, repair of eroded slopes, and reduction of fire hazard by annual mowing and application of herbicides as well as the maintenance activities described in the previous paragraph. Vegetation must be removed or mowed annually (or as necessary) to provide the designed hydraulic capacity.

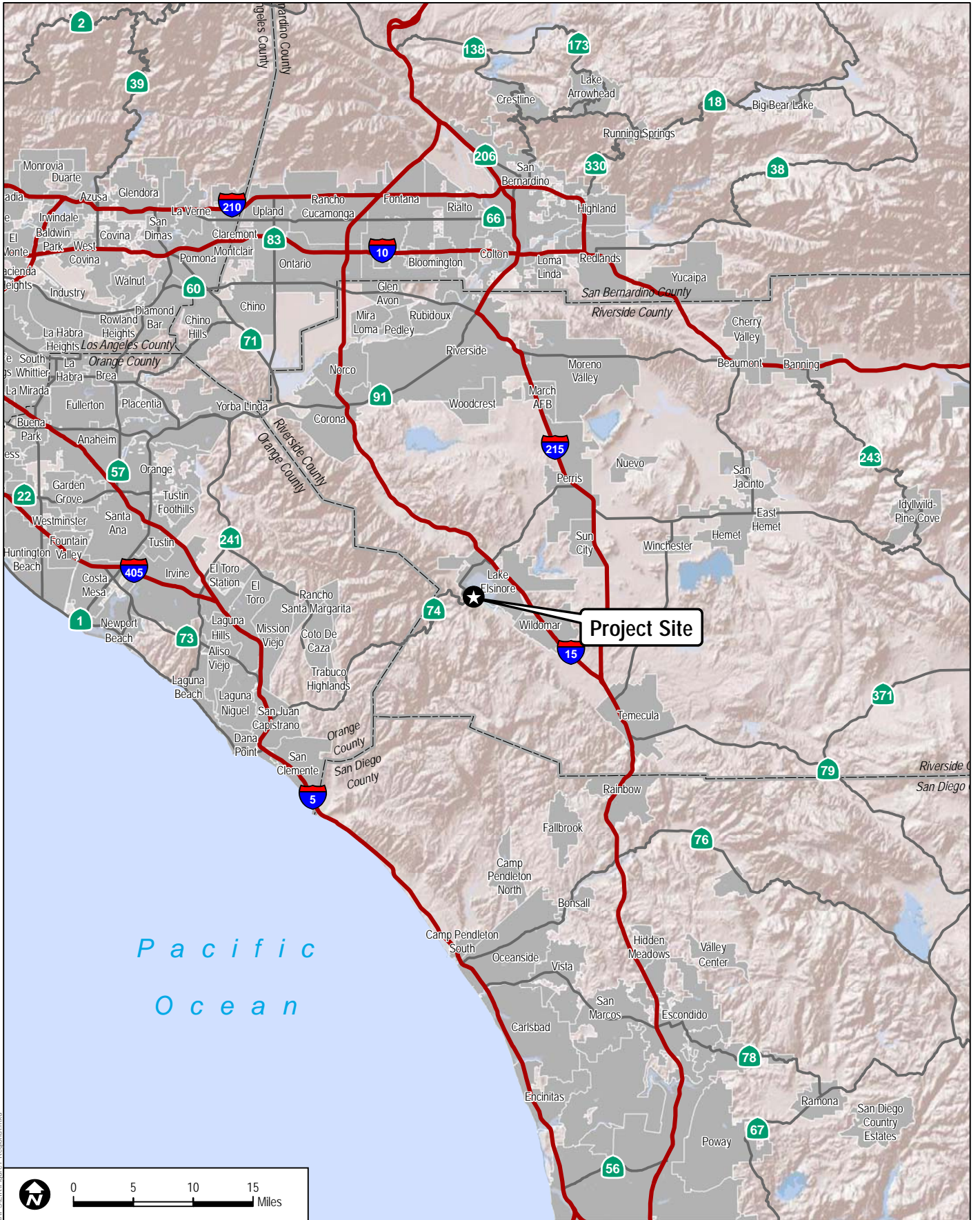
PROJECT SETTING/ISSUES OF CONCERN

The land uses within the MDP Boundary includes residential, commercial, industrial, agriculture, open space/conservation, and vacant areas.

Issues of concern include potentially significant impacts to aesthetics, air quality and greenhouse gas emissions, biological resources, cultural resources, geology and soils, hazards and hazardous materials, hydrology/water quality, noise, transportation/traffic, and utilities and service systems. The Draft Program EIR will also include sections on project alternatives, cumulative impacts and growth inducing impacts. These issues will be addressed in the forthcoming Draft Program EIR.

Signature:  _____
Art Diaz, Senior Civil Engineer

Attachments: Figures 1-3b



Z:\Projects\673601\MAPS\DOC\MAPS\SERIF\Figure1_Regional.mxd



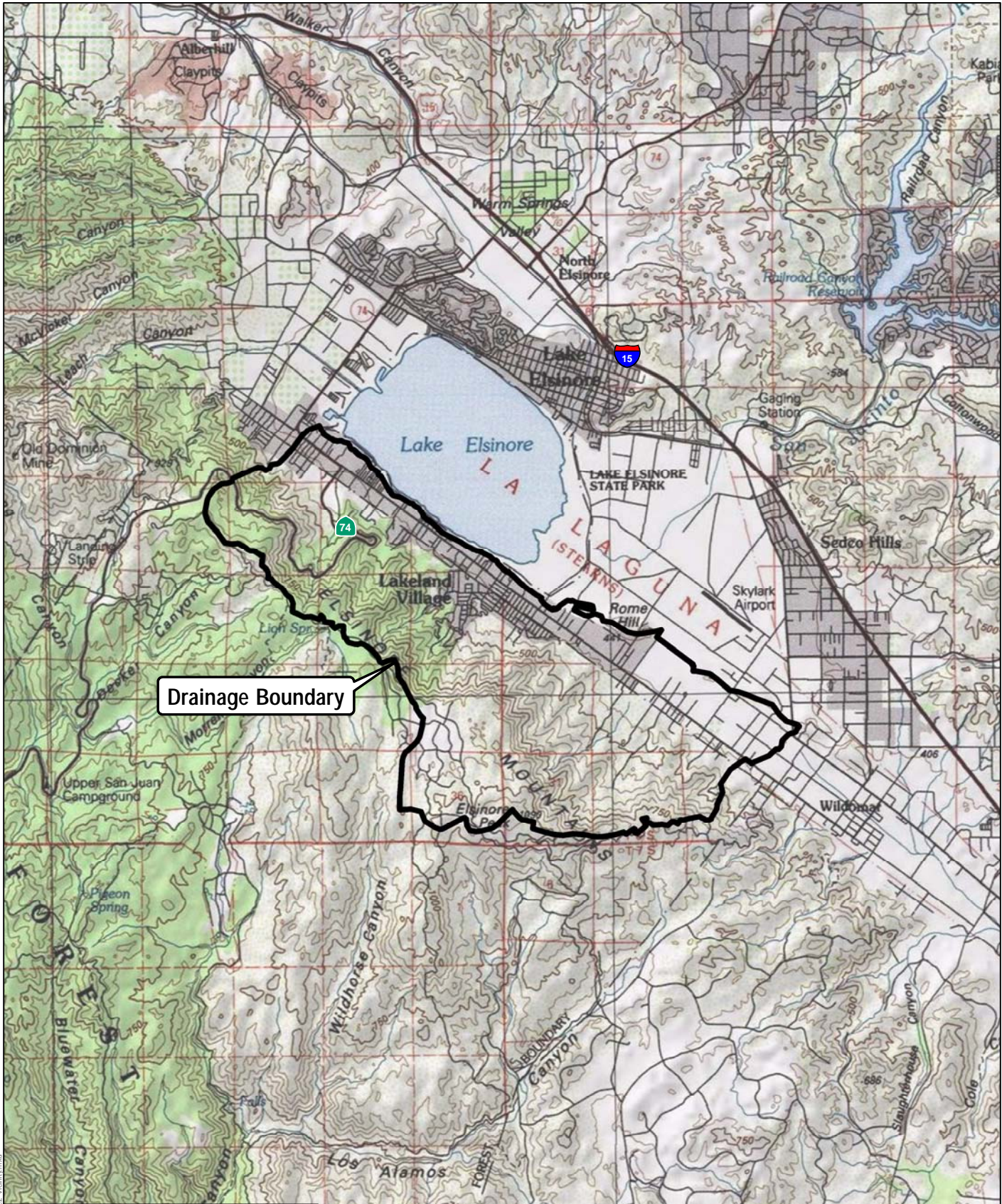
0 5 10 15 Miles

DUDEK

6736

LAKELAND VILLAGE MDP INITIAL STUDY

FIGURE 1
Regional Map



Drainage Boundary

DUDEK

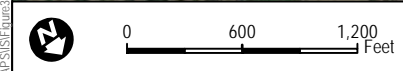
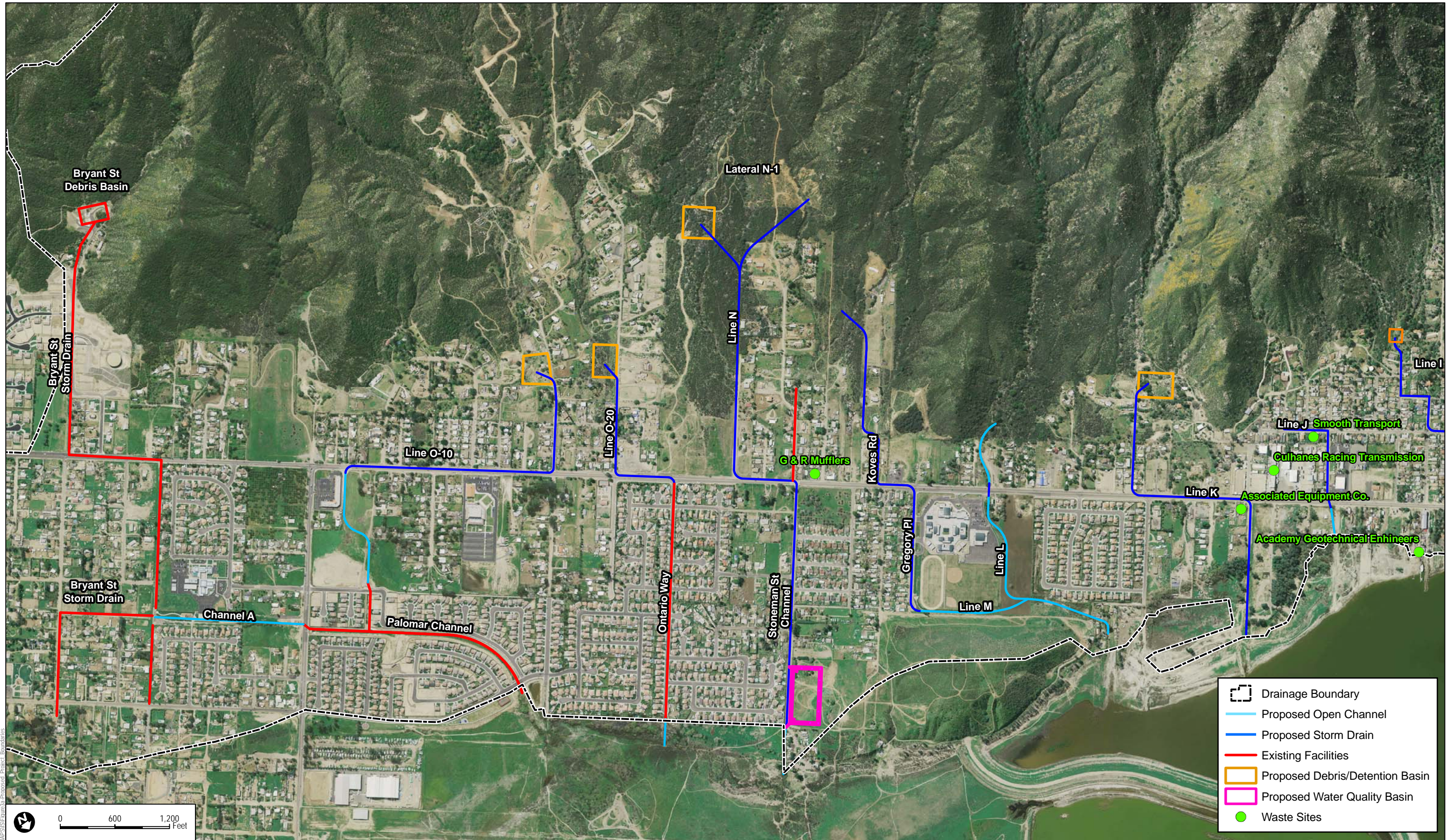
6736

SOURCE: USGS 7.5-Minute Series Alberhill, Elsinore, Sitton Peak and Wildomar Quadrangles.

LAKELAND VILLAGE MDP INITIAL STUDY

FIGURE 2
Vicinity Map

Z:\Projects\673601\MAPS\DOC\MAPS\Figure2_Vicinity.mxd



DUDEK

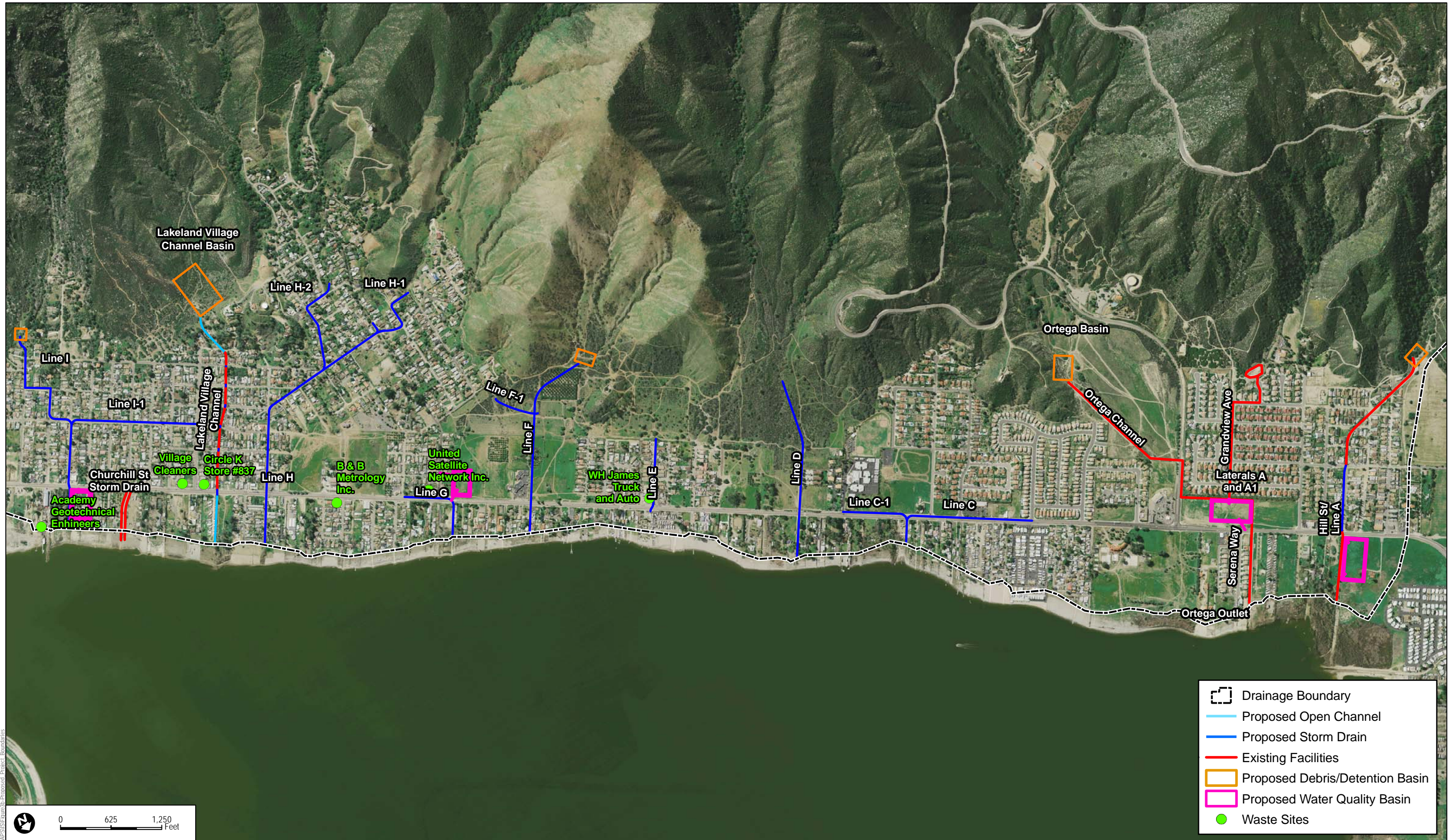
6736

SOURCE: Riverside County Flood Control and Water Conservation District 2010;
County of Riverside MSHCP; Digital Globe 2008

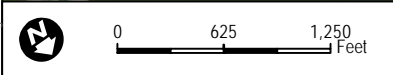
LAKELAND VILLAGE MDP INITIAL STUDY

- Drainage Boundary
- Proposed Open Channel
- Proposed Storm Drain
- Existing Facilities
- Proposed Debris/Detention Basin
- Proposed Water Quality Basin
- Waste Sites

FIGURE 3a
Proposed MDP Facilities (Left)



- Drainage Boundary
- Proposed Open Channel
- Proposed Storm Drain
- Existing Facilities
- Proposed Debris/Detention Basin
- Proposed Water Quality Basin
- Waste Sites



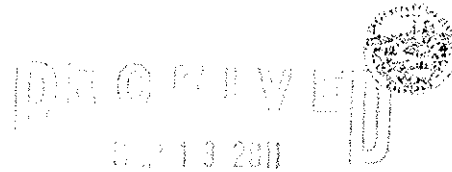
DUDEK SOURCE: Riverside County Flood Control and Water Conservation District 2010; County of Riverside MSHCP; Digital Globe 2008

FIGURE 3b
Proposed MDP Facilities (Right)

Notice of Preparation Comment Letters

NATIVE AMERICAN HERITAGE COMMISSION

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



September 13, 2011

NATIVE AMERICAN HERITAGE COMMISSION
STATE OF CALIFORNIA

Mr. Art Diaz, Senior Civil Engineer

Riverside County Flood control and Water Conservation Department

1995 Market Street
Riverside, CA 92501

Re: SCH#2011091017; CEQA Notice of Preparation (NOP); draft CEQA Environmental Impact Report (DEIR), for the "Lakeland Village Master Drainage Plan (MDP) Project" located in the Lake Elsinore Area; Riverside County, California.

Dear Mr. Diaz:

The Native American Heritage Commission (NAHC), the State of California 'Trustee Agency' for the protection and preservation of Native American cultural resources pursuant to California Public Resources Code §21070 and affirmed by the Third Appellate Court in the case of EPIC v. Johnson (1985: 170 Cal App. 3rd 604). The NAHC wishes to comment on the proposed project. NOTE: This project is subject to mandatory Tribal Consultation, also, pursuant to California Government "Code §§65352.3, 65352.4, *et seq.*

This letter includes state and federal statutes relating to Native American historic properties of religious and cultural significance to American Indian tribes and interested Native American individuals as 'consulting parties' under both state and federal law. State law also addresses the freedom of Native American Religious Expression in Public Resources Code §5097.9.

The California Environmental Quality Act (CEQA – CA Public Resources Code 21000-21177, amendments effective 3/18/2010) requires that any project that causes a substantial adverse change in the significance of an historical resource, that includes archaeological resources, is a 'significant effect' requiring the preparation of an Environmental Impact Report (EIR) per the CEQA Guidelines defines a significant impact on the environment as 'a substantial, or potentially substantial, adverse change in any of physical conditions within an area affected by the proposed project, including ... objects of historic or aesthetic significance.' In order to comply with this provision, the lead agency is required to assess whether the project will have an adverse impact on these resources within the 'area of potential effect (APE), and if so, to mitigate that effect. The NAHC Sacred Lands File (SLF) search was not conducted of the 'area of potential effect (APE) because no USGS coordinates were provided. Note: the absence of recorded Native American cultural resources does not preclude their existence.

The NAHC "Sacred Sites," as defined by the Native American Heritage Commission and the California Legislature in California Public Resources Code §§5097.94(a) and 5097.96. Items in the NAHC Sacred Lands Inventory are confidential and exempt from the Public Records Act pursuant to California Government Code §6254 (r).

Early consultation with Native American tribes in your area is the best way to avoid unanticipated discoveries of cultural resources or burial sites once a project is underway.

Culturally affiliated tribes and individuals may have knowledge of the religious and cultural significance of the historic properties in the project area (e.g. APE). We strongly urge that you make contact with the list of Native American Contacts on the attached list of Native American contacts, to see if your proposed project might impact Native American cultural resources and to obtain their recommendations concerning the proposed project. Pursuant to CA Public Resources Code § 5097.95, the NAHC requests that the Native American consulting parties be provided pertinent project information. Consultation with Native American communities is also a matter of environmental justice as defined by California Government Code §65040.12(e). Pursuant to CA Public Resources Code §5097.95, the NAHC requests that pertinent project information be provided consulting tribal parties. The NAHC recommends *avoidance* as defined by CEQA Guidelines §15370(a) to pursuing a project that would damage or destroy Native American cultural resources and Section 2183.2 that requires documentation, data recovery of cultural resources.

Furthermore, the NAHC is of the opinion that the current project remains under the jurisdiction of the statutes and regulations of the National Environmental Policy Act (e.g. NEPA; 42 U.S.C. 4321-43351). Consultation with tribes and interested Native American consulting parties, on the NAHC list, should be conducted in compliance with the requirements of federal NEPA and Section 106 and 4(f) of federal NHPA (16 U.S.C. 470 *et seq*), 36 CFR Part 800.3 (f) (2) & .5, the President's Council on Environmental Quality (CSQ, 42 U.S.C 4371 *et seq.* and NAGPRA (25 U.S.C. 3001-3013) as appropriate. The 1992 *Secretary of the Interiors Standards for the Treatment of Historic Properties* were revised so that they could be applied to all historic resource types included in the National Register of Historic Places and including cultural landscapes. Also, federal Executive Orders Nos. 11593 (preservation of cultural environment), 13175 (coordination & consultation) and 13007 (Sacred Sites) are helpful, supportive guides for Section 106 consultation. The aforementioned Secretary of the Interior's *Standards* include recommendations for all 'lead agencies' to consider the historic context of proposed projects and to "research" the cultural landscape that might include the 'area of potential effect.'

Confidentiality of "historic properties of religious and cultural significance" should also be considered as protected by California Government Code §6254(r) and may also be protected under Section 304 of the NHPA or at the Secretary of the Interior discretion if not eligible for listing on the National Register of Historic Places. The Secretary may also be advised by the federal Indian Religious Freedom Act (cf. 42 U.S.C., 1996) in issuing a decision on whether or not to disclose items of religious and/or cultural significance identified in or near the APEs and possibility threatened by proposed project activity.

Furthermore, Public Resources Code Section 5097.98, California Government Code §27491 and Health & Safety Code Section 7050.5 provide for provisions for accidentally discovered archeological resources during construction and mandate the processes to be followed in the event of an accidental discovery of any human remains in a project location other than a 'dedicated cemetery'.

To be effective, consultation on specific projects must be the result of an ongoing relationship between Native American tribes and lead agencies, project proponents and their contractors, in the opinion of the NAHC. Regarding tribal consultation, a relationship built around regular meetings and informal involvement with local tribes will lead to more qualitative consultation tribal input on specific projects.

If you have any questions about this response to your request, please do not hesitate to contact me at (916) 653-6251.

Sincerely,



Dave Singleton
Program Analyst

Cc: State Clearinghouse

Attachment: Native American Contact List

California Native American Contact List
Riverside County
September 13, 2011

Morongo Band of Mission Indians
Michael Contreras, Cultural Heritage Prog.
12700 Pumarra Road Cahuilla
Banning , CA 92220 Serrano
(951) 201-1866 - cell
mcontreras@morongo-nsn.
gov
(951) 922-0105 Fax

Pauma Valley Band of Luiseño Indians
Bennaec Calac, Tribal Council Member
P.O. Box 369 Luiseno
Pauma Valley CA 92061
bennaecalac@aol.com
(760) 617-2872
(760) 742-3422 - FAX

Rincon Band of Mission Indians
Bo Mazzetti, Chairperson
P.O. Box 68 Luiseno
Valley Center, CA 92082
bomazzetti@aol.com
(760) 749-1051
(760) 749-8901 Fax

San Luis Rey Band of Mission Indians
Cultural Department
1889 Sunset Drive Luiseno
Vista , CA 92081 Cupeno
760-724-8505

760-724-2172 - fax

Pechanga Band of Mission Indians
Mark Macarro, Chairperson
P.O. Box 1477 Luiseno
Temecula , CA 92593
tbrown@pechanga-nsn.gov
(951) 770-6100
(951) 695-1778 Fax

Willie J. Pink
48310 Pechanga Road Luiseno
Temecula , CA 92592
wjpink@hotmail.com
(909) 936-1216
Prefers e-mail contact

La Jolla Band of Mission Indians
ATTN: Rob Roy, Environmental Director
22000 Highway 76 Luiseno
Pauma Valley CA 92061
rob.roy@lajolla-nsn.gov
(760) 742-3796
(760) 742-1704 Fax

Cahuilla Band of Indians
Luther Salgado, Sr., , Chairperson
PO Box 391760 Cahuilla
Anza , CA 92539
tribalcouncil@cahuilla.net
915-763-5549

This list is current only as of the date of this document.

Distribution of this list does not relieve any person of the statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and Section 5097.98 of the Public Resources Code.

This list is applicable for contacting local Native Americans with regard to cultural resources for the proposed SCH#2011091017; CEQA Notice of Preparation (NOP); draft Environmental Impact Report (DEIR) for the Lakeland Village Master Drainage Plan (MDP); located in the Lake Elsinore Area; Riverside County, California.

California Native American Contact List

Riverside County

September 13, 2011

Los Coyotes Band of Mission Indians
Shane Chapparosa, Spokesperson
P.O. Box 189 Cahuilla
Warner , CA 92086
ioscoyotes@earthlink.net
(760) 782-0711
(760) 782-2701 - FAX

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

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

Rincon Band of Mission Indians
Tiffany Wolfe, Cultural & Environmental
P.O. Box 68 Luiseno
Valley Center, CA 92082
twolfe@rincontribe.org
(760) 297-2632
(760) 297-2639 Fax

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

Soboba Band of Mission Indians
Scott Cozaet, Chairperson; Attn: Carrie Garcia
P.O. Box 487 Luiseno
San Jacinto , CA 92581
carrieg@soboba-nsn.gov
(951) 654-2765
(951) 654-4198 - Fax

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

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

This list is current only as of the date of this document.

Distribution of this list does not relieve any person of the statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and Section 5097.98 of the Public Resources Code.

This list is applicable for contacting local Native Americans with regard to cultural resources for the proposed SCH#2011091017; CEQA Notice of Preparation (NOP); draft Environmental Impact Report (DEIR) for the Lakeland Village Master Drainage Plan (MDP); located in the Lake Elsinore Area; Riverside County, California.

California Native American Contact List
Riverside County
September 13, 2011

Pechanga Cultural Resources Department
Anna Hoover, Cultural Analyst
P.O. Box 2183 Luiseno
Temecula , CA 92593
ahcoover@pechanga-nsn.gov
951-770-8100
(951) 694-0446 - FAX

SOBOBA BAND OF LUISENO INDIANS
Joseph Ontiveros, Cultural Resource Department
P.O. BOX 487 Luiseno
San Jacinto , CA 92581
jontiveros@soboba-nsn.gov
(951) 663-5279
(951) 654-5544, ext 4137

This list is current only as of the date of this document.

Distribution of this list does not relieve any person of the statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and Section 5097.98 of the Public Resources Code.

This list is applicable for contacting local Native Americans with regard to cultural resources for the proposed SCH#2011091017; CEQA Notice of Preparation (NOP); draft Environmental Impact Report (DEIR) for the Lakeland Village Master Drainage Plan (MDP); located in the Lake Elsinore Area; Riverside County, California.

DEPARTMENT OF TRANSPORTATION

DISTRICT 8

PLANNING

464 WEST 4th STREET, 6th Floor MS 725

SAN BERNARDINO, CA 92401-1400

PHONE (909) 383-4557

FAX (909) 383-6890

TTY (909) 383-6300

*Flex your power!
Be energy efficient!***RECEIVED**
SEP 27 2011RIVERSIDE COUNTY FLOOD CONTROL
AND WATER CONSERVATION DISTRICT

September 21, 2011

Art Diaz

Senior Civil Engineer

Riverside County Flood Control and Water Conservation District

1995 Market Street

Riverside, Ca 92501

Notice of Preparation of Draft Environmental Impact Report for the Lakeland Village Master Drainage Plan. Riv-74-PM Various

Dear Mr. Diaz,

We have completed our review for the above noted NOP. This project is located at various locations of State Route 74 (SR-74) within Lakeland Village in the City of Lake Elsinore. This Master Drainage Plan (MDP) identifies the approximate location, size and type of MDP facilities needed in order to alleviate and control flooding in the MDP Boundary.

As the owner and operator of the State Highway System (SHS), it is our responsibility to coordinate and consult with local jurisdictions when proposed development may impact our facilities. As the responsible agency under the California Environmental Quality Act (CEQA), it is also our responsibility to make recommendations to offset associated impacts with the proposed project. Although the project is under the jurisdiction of the County of Riverside due to the Project's potential impact to State facilities it is also subject to the policies and regulations that govern the SHS.

The following comments are for your consideration:

Encroachment Permit

- Any activities before, during, or after the construction of SR-74 within, under, or over the State Highway Right of Way, an Encroachment Permit is required.
- Any proposed alterations to existing improvements within State right-of-way may only be performed upon issuance of a valid encroachment permit and must conform to current Caltrans design standards and construction practices.
- Review and approval of street, grading and drainage construction plans will be necessary prior to permit issuance. Information regarding permit application and submittal requirements may be obtained by contacting:

Mr. Diaz
September 20, 2011
Page 2

Office of Encroachment Permits
Department of Transportation
464 West 4th Street, 6th Floor, MS-619
San Bernardino, CA 92401-1400
(909) 383-4526

Construction Traffic Control Plan

- A Traffic Control Plan or construction traffic impact study may be required by the developer for approval by the lead agency and Caltrans prior to construction. The plans shall be prepared in accordance with Caltrans's *Manual of Traffic Controls for Construction and Maintenance Work Zones*. Traffic restrictions and pedestrian / bicycle detours may also need to be addressed. All work proposed within the State Right of Way (R/W) requires lane and shoulder closure charts. All roadway features (e.g., signs, pavement delineation, roadway surface, etc.) within the State R/W must be protected, maintained in a temporary condition, and/or restored. For more information, contact the District Traffic Manager, Al Afaneh, at (909) 383-4917.

Drainage

- All existing tributary areas, area drainage patterns and runoff volumes having an impact to adjacent SR-74 drainage facilities must be identified and analyzed in a project hydrology study. With regard to the on-site detention area proposed, basin calculations should be included to verify that the basin volume is sufficient to detain necessary runoff flows.

We appreciate the opportunity to offer comments concerning this project. If you have any questions regarding this letter, please contact Joe Shaer at (909) 383-6908 or myself at (909) 383-4557 for assistance.

Sincerely,



DANIEL KOPULSKY
Office Chief
Community Planning/IGR-CEQA

03/23/2003 10:32 9099800830

SAWYER, T

PAGE 02



California Natural Resources Agency
DEPARTMENT OF FISH AND GAME
<http://www.dfg.ca.gov>
Inland Deserts Region
3602 Inland Empire Blvd., Suite C-200
Ontario, CA 91764
(909) 484-0167

EDMUND G. BROWN JR, Governor
Charlton H. Bonham, Director



September 29, 2011

Mr. Art Diaz
Flood Control and Water Conservation
Riverside County
1995 Market Street
Riverside, CA 92501

Re: Notice of Preparation of Environmental Impact Report
Lakeland Village Master Drainage Plan SCH# 2011091017

Dear Mr. Diaz:

The Department of Fish and Game (Department) appreciates this opportunity to comment on the Notice of Preparation (NOP) for the Draft Environmental Impact Report (DEIR) for the Lakeland Village Master Drainage Plan (MDP). The Department is responding as a Trustee Agency for fish and wildlife resources [Fish and Game Code Sections 711.7 and 1802 and the California Environmental Quality Act (CEQA) Guidelines Section 15386], and as a Responsible Agency regarding any discretionary actions (CEQA Guidelines Section 15381), such as a Lake or Streambed Alteration Agreement (California Fish and Game Code Sections 1600 *et seq.*).

The project is located in Lakeland Village west of Lake Elsinore from about Hill Street to the north, Bryant Street to the south and the Cleveland National Forest to the west. The project involves three components: the adoption of a master drainage plan and its use as a long-range planning document, the foreseeable impacts resulting from construction of the MDP Facilities and the future operations and maintenance of the MDP.

Multiple Species Habitat Conservation Plan (MSHCP)

The proposed project occurs within the MSHCP and is subject to the provisions and policies of the MSHCP. The County, the City of Wildomar and the City of Lake Elsinore are signatory to the Implementing Agreement and are Permittees of the MSHCP. Participants in the MSHCP are issued take authorization for covered species. The MSHCP establishes a multiple species conservation program to minimize and mitigate habitat loss and the incidental take of covered species in association with activities covered under the permit. In order to be considered a covered activity, Permittees must demonstrate that proposed actions are consistent with the MSHCP and its associated Implementing Agreement.

Compliance with approved habitat plans, such as the MSHCP, is discussed in CEQA. Section 15125(d) of the Guidelines for the Implementation of CEQA requires that an environmental impact report (EIR) discuss any inconsistencies between a proposed project

Conserving California's Wildlife Since 1870