

Sample LMA Annual Report

PART#	UNIT #	CATEGORY	DESCRIPTION	BLM	ELM	LOCATION	COMMENTS	EST. COST
1	Unit No. 1 Left Bank	Berm Erosion	Waterside berm erosion	3.75	3.95		Erosion area slated for repair in the Fall	
1	Unit No. 1 Left Bank	Relief Wells/Piezometers	Relief wells installed by ACOE (Army Corps of Engineers). Expect first maintenance by ACOE to transfer to Operations and Maintenance.	5.8	5.8		Relief Wells	
1	Unit No. 1 Left Bank	Encroachment	Cal Trans I-5 R/W Fence.	2.37	3.63		Cal Trans conducts annual maintenance of clearing and hauling.	
1	Unit No. 1 Left Bank	Minor Settlement, Sloughing, or Loss of Grade	Slumping of landside levee slope occurred in March during peak storms	1.4	1.6		Project has an approved construction plan for repair this fall	
1	Unit No. 1 Left Bank	Encroachment	Sacramento River Walk/Promenade	0.77	0.95	Waterside landscaping		
1	Unit No. 1 Left Bank	Relief Wells/Piezometers	No Feature/Description	0.77	0.79		Piezometers. Read and reported per O&M manual. No reading in 2007 and 2008. Readings are conducted at high water levels. Well maintenance conducted quarterly.	
1	Unit No. 1 Left Bank	Berm Erosion	Site reported for consideration for SAC bank project erosion control work by COE.	0.77	0.79		Concrete revetment	
1	Unit No. 1 Left Bank	Sediment Accumulation	Sediment accumulation due to lack of channel maintenance	3.5	8.65			
1	Unit No. 1 Left Bank	Encroachment	Fence at Railroad yard.	0.18	0.38	Sacramento River landside fence running North and South along bike trail.		
1	Unit No. 1 Left Bank	Levee Crown	Depression in levee crown	6.4	6.44			
2	Unit No. 1 Left Bank	Pipes/Crossing	16-inch concrete irrigation pipe, 12 ft below the crown is missing gates on both sides	3.55	3.55			
2	Unit No. 1 Left Bank	Pipes/Crossing	24-inch concrete irrigation pipe, 12 ft below the crown, is missing gates on both sides	2.01	2.01			
2	Unit No. 1 Left Bank	Seepage	Under seepage	5.67	5.82		Levee is in need of seepage repair	
2	Unit No. 1 Left Bank	Subsidence		3.5	3.55			
1	Unit No. 1 Left Bank	Levee Erosion	Site reported for consideration for SAC bank project erosion control by work by Corps of Engineers.	5.8	5.8	Erosion near toe of levee.		
2	Unit No. 1 Left Bank	Levee Erosion	Waterside erosion near toe	5.5	5.5			
2	Unit No. 1 Left Bank	Cracks	Cracking on edge of levee road top on landside for 1,100 feet	1.4	1.5		Cracking and slumping of levee is slated to be repaired in the fall	
2	Unit No. 1 Left Bank	Sand Boils	2-5ft diameter boils and 1-2ft diameter boil	3.7	3.71		Boils starts flowing when the water surface is 5 feet below the levee crown	
2	Unit No. 1 Left Bank	Deficient Freeboard/ Levee Crown Height	Channel has only 1-foot freeboard when carrying 100-year flow.	3.7	3.95			
3	Unit No. 1 Left Bank	Rodent Control/Bait and Traps	LMA currently baits and traps rodents on Sacramento River.	0	9.85			
3	Unit No. 1 Left Bank	Vegetation Control/Burning	Entire unit	0	9.85			
3	Unit No. 1 Left Bank	Vegetation Control/Spraying	Entire unit	0	9.85			
3	Unit No. 1 Left Bank	Vegetation Control/Mowing	Entire unit	0	9.85			
3	Unit No. 1 Left Bank	Vegetation Control/Thin and Trim	Entire unit	0	9.85			
3	Unit No. 1 Left Bank	Slope Dragging	Entire unit	0	9.85			

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3	Unit No. 1 Left Bank	Rodent Control/Hole Grouting		0	9.85			
3	Unit No. 1 Left Bank	Roadway		2.5	5.3			
3	Unit No. 1 Left Bank	Encroachment Control	Removed wood pile from the levee crown	2.7	2.7			
3	Unit No. 1 Left Bank	Erosion Repair	Repaired 2 erosion sites			At levee miles 1.77 and 6.45		
3	Unit No. 1 Left Bank	Gates	Installed gate new gate	0	0			
4	Unit No. 1 Left Bank	Legal/Admin/Management Services	Planning budget, project oversight, contract management, surveying, monitoring, etc.	0	9.85			\$62,500
4	Unit No. 1 Left Bank	Vegetation Control/Burning	Entire unit	0	9.85			\$8,000
4	Unit No. 1 Left Bank	Vegetation Control/Spraying	Entire unit	0	9.85			\$15,000
4	Unit No. 1 Left Bank	Vegetation Control/Mowing	Entire unit	0	9.85			\$4,000
4	Unit No. 1 Left Bank	Surveying and Engineering	Engineering	0	9.85			\$7,000
4	Unit No. 1 Left Bank	Rodent Control/Bait and Traps	LMA currently baits and traps rodents on Sacramento River.	0.2	9.85			\$7,000
4	Unit No. 1 Left Bank	Encroachment Control	Planning to remove more encroachments	0	9.85			\$2,000
4	Unit No. 1 Left Bank	Vegetation Control/Thin and Trim	Entire unit	0	9.85			\$10,000
4	Unit No. 1 Left Bank	Slope Dragging	Entire unit	0	9.85			\$3,000
4	Unit No. 1 Left Bank	Rodent Control/Hole Grouting	Entire unit	0	9.85			\$9,000
4	Unit No. 1 Left Bank	Roadway/Grading/Maintenance	Entire unit	0	9.85			\$2,500
4	Unit No. 1 Left Bank	Erosion Repair	Repair erosion site	3.75	3.75			\$75,000
4	Unit No. 1 Left Bank	Gates	Gate maintenance	0	9.85			\$500
4	Unit No. 1 Left Bank	Patrolling	Levee patrolling during high water	0	9.85			\$800
5	Unit No. 1 Left Bank	Construction Drawing/As-Builts	As built drawings for slurry wall, relief wells, piezometers, and floodwalls are available	1.5	7.6			
5	Unit No. 1 Left Bank	Encroachments	LMA currently has finalized Letter of Intent. These letters have been sent out to homeowners and businesses who are in violation.	0	9.85			
5	Unit No. 1 Left Bank	Emergency Action Plan	District is working on creating an Emergency Action Plan (EAP)	0	9.85		EAP is expected to be complete by Spring of next year	
5	Unit No. 1 Left Bank	Permits/MOUs	LMA is in process to finalize permits and ACOE MOU	0	9.85			