

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2008 Levee Maintenance Deficiency Summary Report**

**Overall LMA & Unit Ratings, including Boat Survey Erosion**

***San Joaquin River Basin***

<b>RD0524</b>	Overall LMA Rating	Total LMA Miles				
<b>Reclamation District No. 0524</b>	<b>U</b>	<b>6.30</b>				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Vegetation	0.07	0.08	0.39	6.19%		
Trim / Thin Trees	0.58		0.58	9.21%		
Encroachments	0.44	0.01	0.48	7.62%	0.07	0.23
Animal Control	0.63		0.63	10.00%		
Slope Stability	0.16		0.16	2.54%		
Erosion / Bank Caving	0.25	0.01	0.29	4.60%		
Crown Surface / Depressions / Rutting	0.02	0.05	0.22	3.49%		
Boat Survey Erosion	0.02		0.02	0.32%		
<b>LMA Totals:</b>	<b>2.17</b>	<b>0.15</b>	<b>2.77</b>	<b>43.97%</b>	<b>0.07</b>	<b>0.23</b>

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Fall 2008 Levee Inspection Results**

**Reclamation District No. 0524**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			U	

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

\*  
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2008 Levee Inspection Results**

**Reclamation District No. 0524**

Waterway			Bank	Unit Miles
Unit No. 01 San Joaquin River			Left	6.30
	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection	4/2/2008		9/22/2008	
DWR Inspector	Richard Willoughby		Richard Willoughby	
Accompanied By				
Unit Maintenance Rating (Fall Only)			U	

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

**Comments**

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports  
3310 El Camino Avenue, Room LL-30  
Sacramento, CA 95821-9000.


**X**

Signature of LMA Representative

Date

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2008**

**Reclamation District No. 0524**

Waterway							Bank	Unit Miles	Inspection Date	Inspector	
Unit No. 01 San Joaquin River							Left	6.30	09/22/2008	Richard Willoughby	
LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	0.22	0.22	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Regrade the crown roadway for proper drainage.	37.938890 ° -121.343657 °	37.938890 ° -121.343657 °		3
2	0.36	0.36	Earthen Levee	Encroachments	LS	M	Garbage	37.938338 ° -121.341290 °	37.938338 ° -121.341290 °	Y	15
3	0.38	0.39	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	37.938527 ° -121.340887 °	37.938553 ° -121.340778 °	Y	4
4	0.39	0.43	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.938555 ° -121.340870 °	37.938642 ° -121.339990 °		5
5	0.48	0.49	Earthen Levee	Erosion / Bank Caving	WS	U	Schedule repair of erosion site prior to the next inspection.	37.938693 ° -121.339063 °	37.938693 ° -121.338993 °	Y	6
6	0.51	0.52	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	37.938682 ° -121.338518 °	37.938657 ° -121.338425 °	Y	7
7	0.53	0.54	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	37.938623 ° -121.338182 °	37.938617 ° -121.338045 °		8
8	0.58	0.59	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	37.938512 ° -121.337335 °	37.938495 ° -121.337212 °		9
9	0.63	0.63	Earthen Levee	Slope Stability	WS	M	Repair the levee slope damaged by foot traffic and prevent access where possible.	37.938247 ° -121.336503 °	37.938247 ° -121.336503 °		10
10	0.63	0.64	Earthen Levee	Vegetation	WS	U	Remove the wild growth other than native grasses from the levee slopes.	37.938247 ° -121.336503 °	37.938197 ° -121.336405 °		11
11	0.64	0.64	Earthen Levee	Crown Surface / Depressions / Rutting	CR	U	Regrade the crown roadway for proper drainage.	37.938198 ° -121.336407 °	37.938198 ° -121.336407 °	Y	12
12	0.65	0.66	Earthen Levee	Slope Stability	WS	M	Repair slope instability.	37.938105 ° -121.336288 °	37.938023 ° -121.336173 °	Y	13
13	0.68	0.68	Earthen Levee	Vegetation	WS	U	Remove the wild growth other than native grasses from the levee slopes.	37.937808 ° -121.335913 °	37.937808 ° -121.335913 °	Y	14
14	0.79	0.79	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.936444 ° -121.334797 °	37.936444 ° -121.334797 °		76
15	0.79	0.79	Boat Survey	Boat Survey Erosion	LS	M	Inspector Comments: Another site near Site 9.5 about 50 ft. upstream of fence; exposed pipe	37.936540 ° -121.334810 °	° °		913
16	0.81	0.81	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	37.936217 ° -121.334698 °	37.936217 ° -121.334698 °		16
17	0.94	1.02	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.935259 ° -121.332864 °	37.935049 ° -121.331334 °		77
18	1.01	1.03	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	37.935098 ° -121.331645 °	37.935018 ° -121.331248 °		17

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
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PO : Partially Obstructing  
CO : Completely Obstructing  
N : Not Inspected

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2008**

**Reclamation District No. 0524**

Waterway						Bank	Unit Miles	Inspection Date		Inspector	
Unit No. 01 San Joaquin River						Left	6.30	09/22/2008		Richard Willoughby	
LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
19	1.09	1.09	Earthen Levee	Slope Stability	LS	M	Repair slope instability.	37.934645 ° -121.330310 °	37.934645 ° -121.330310 °	Y	18
20	1.14	1.17	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees over roadway to at least 12 feet above ground level.	37.934118 ° -121.329657 °	37.933775 ° -121.329305 °	Y	19
21	1.25	1.25	Earthen Levee	Encroachments	LS	M	Garbage	37.932665 ° -121.328808 °	37.932665 ° -121.328808 °	Y	20
22	1.32	1.33	Earthen Levee	Erosion / Bank Caving	WS	M	Schedule repair of erosion site prior to the next inspection.	37.931858 ° -121.328308 °	37.931692 ° -121.328282 °	Y	21
23	1.41	1.42	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	37.930575 ° -121.328098 °	37.930420 ° -121.328245 °	Y	22
24	1.56	1.74	Earthen Levee	Encroachments	LS	CO	Landscaping	37.928352 ° -121.328307 °	37.926497 ° -121.326248 °	Y	23
25	1.62	1.63	Earthen Levee	Vegetation	WS	U	Remove the wild growth other than native grasses from the levee slopes.	37.927635 ° -121.327812 °	37.927540 ° -121.327648 °	Y	25
26	1.62	1.66	Earthen Levee	Crown Surface / Depressions / Rutting	CR	U	Regrade the crown roadway for proper drainage.	37.927658 ° -121.327865 °	37.927255 ° -121.327164 °	Y	24
27	1.63	1.66	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	37.927507 ° -121.327593 °	37.927295 ° -121.327298 °	Y	26
28	1.71	1.77	Earthen Levee	Slope Stability	WS	M		37.926728 ° -121.326597 °	37.926142 ° -121.325972 °	Y	27
29	1.75	1.76	Earthen Levee	Encroachments	LS	U	Garbage	37.926387 ° -121.326148 °	37.926240 ° -121.326063 °	Y	28
30	1.92	1.96	Earthen Levee	Encroachments	LS	PO	Landscaping	37.924364 ° -121.324473 °	37.923790 ° -121.324266 °	Y	78
31	1.96	1.98	Earthen Levee	Trim / Thin Trees	LS	M	Trim and thin trees to allow visibility of the ground and room to flood fight.	37.923685 ° -121.324235 °	37.923493 ° -121.324167 °	Y	29
32	2.17	2.18	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	37.921383 ° -121.322043 °	37.921300 ° -121.321902 °	Y	30
33	2.18	2.21	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	37.921266 ° -121.321862 °	37.921018 ° -121.321464 °	Y	79
34	2.22	2.28	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	37.920992 ° -121.321373 °	37.920505 ° -121.320485 °	Y	31
35	2.29	2.31	Earthen Levee	Vegetation	LS	U	Elderberries are blocking visibility and flood fight capability.	37.920372 ° -121.320230 °	37.920273 ° -121.320022 °	Y	32
36	2.32	2.35	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.920075 ° -121.319778 °	37.919702 ° -121.319700 °	Y	33
37	2.34	2.35	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	37.919885 ° -121.319713 °	37.919703 ° -121.319702 °	Y	34

**\* Location**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2008**

**Reclamation District No. 0524**

Waterway						Bank	Unit Miles	Inspection Date		Inspector	
Unit No. 01 San Joaquin River						Left	6.30	09/22/2008		Richard Willoughby	
LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
38	2.46	2.50	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	37.918628 ° -121.320817 °	37.918438 ° -121.321452 °		36
39	2.47	2.48	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	37.918575 ° -121.320980 °	37.918515 ° -121.321110 °		35
40	2.48	2.48	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.918480 ° -121.321114 °	37.918480 ° -121.321114 °		80
41	2.48	2.52	Earthen Levee	Encroachments	WS	M	Garbage	37.918504 ° -121.321085 °	37.918300 ° -121.321790 °		81
42	2.52	2.52	Earthen Levee	Vegetation	LS	U	Elderberries are blocking visibility and flood fight capability.	37.918345 ° -121.321765 °	37.918302 ° -121.321923 °		37
43	2.53	2.53	Earthen Levee	Vegetation	WS	M	Elderberries are blocking visibility and flood fight capability.	37.918287 ° -121.321980 °	37.918287 ° -121.321980 °		38
44	2.54	2.54	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.918242 ° -121.322125 °	37.918187 ° -121.322247 °		39
45	2.55	2.59	Earthen Levee	Slope Stability	LS	M	Repair slope instability.	37.918060 ° -121.322384 °	37.917667 ° -121.322713 °		82
46	2.56	2.56	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	37.918047 ° -121.322415 °	37.918047 ° -121.322415 °		40
47	2.59	2.59	Earthen Levee	Encroachments	LS	M	Garbage	37.917673 ° -121.322718 °	37.917673 ° -121.322718 °		41
48	2.59	2.60	Earthen Levee	Encroachments	LS	CO	Buildings	37.917673 ° -121.322723 °	37.917555 ° -121.322778 °		42
49	2.66	2.66	Earthen Levee	Vegetation	LS	U	Elderberries are blocking visibility and flood fight capability.	37.916780 ° -121.322095 °	37.916780 ° -121.322095 °		43
50	2.71	2.73	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.916180 ° -121.322165 °	37.915947 ° -121.322357 °		44
51	2.74	2.83	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.915813 ° -121.322485 °	37.914963 ° -121.323605 °		45
52	2.78	2.79	Earthen Levee	Encroachments	LS	PO	Landscaping	37.915285 ° -121.322813 °	37.915175 ° -121.322983 °	Y	46
53	2.79	2.81	Earthen Levee	Slope Stability	LS	M	Repair the levee slope damaged by vehicle traffic and prevent access where possible.	37.915173 ° -121.322982 °	37.915098 ° -121.323183 °		47
54	2.82	2.82	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	37.915022 ° -121.323443 °	37.915022 ° -121.323443 °		48
55	2.88	2.88	Earthen Levee	Vegetation	LS	U	Elderberries are blocking visibility and flood fight capability.	37.914427 ° -121.324198 °	37.914427 ° -121.324198 °		49
56	2.93	2.95	Earthen Levee	Encroachments	LS	M	Prunings	37.913767 ° -121.324427 °	37.913503 ° -121.324488 °		50

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2008**

**Reclamation District No. 0524**

Waterway						Bank	Unit Miles	Inspection Date		Inspector	
Unit No. 01 San Joaquin River						Left	6.30	09/22/2008		Richard Willoughby	
LMR Line	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
57	2.96	2.96	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.913415 ° -121.324503 °	37.913415 ° -121.324503 °		51
58	3.37	3.40	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.907645 ° -121.325442 °	37.907157 ° -121.325408 °		52
59	3.39	3.45	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	37.907283 ° -121.325432 °	37.906503 ° -121.325002 °		53
60	3.43	3.49	Earthen Levee	Trim / Thin Trees	LS	M	Trim and thin trees to allow visibility of the ground and room to flood fight.	37.906747 ° -121.325248 °	37.906192 ° -121.324543 °		54
61	3.45	3.45	Earthen Levee	Encroachments	LS	M	Garbage	37.906503 ° -121.325002 °	37.906503 ° -121.325002 °		55
62	3.47	3.49	Earthen Levee	Encroachments	LS	M	Prunings	37.906295 ° -121.324730 °	37.906192 ° -121.324545 °		56
63	3.54	3.64	Earthen Levee	Trim / Thin Trees	LS	M	Trim and thin trees to allow visibility of the ground and room to flood fight.	37.905638 ° -121.323892 °	37.904430 ° -121.324570 °		57
64	3.68	3.68	Earthen Levee	Slope Stability	WS	M	Repair the levee slope damaged by foot traffic and prevent access where possible.	37.904113 ° -121.325080 °	37.904113 ° -121.325080 °		58
65	3.82	3.82	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.902417 ° -121.326482 °	37.902417 ° -121.326482 °		59
66	3.88	4.02	Earthen Levee	Encroachments	WS	M	Prunings	37.901582 ° -121.326547 °	37.899602 ° -121.326685 °		60
67	3.89	3.89	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.901463 ° -121.326528 °	37.901463 ° -121.326528 °		61
68	3.89	4.01	Earthen Levee	Encroachments	LS	M	Equipment	37.901375 ° -121.326507 °	37.899745 ° -121.326630 °		62
69	3.93	3.93	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.900854 ° -121.326438 °	37.900854 ° -121.326438 °		83
70	4.05	4.05	Earthen Levee	Encroachments	LS	M	Garbage	37.899127 ° -121.326938 °	37.899127 ° Y -121.326938 °		63
71	4.08	4.13	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.898832 ° -121.327092 °	37.898090 ° -121.327457 °		64
72	4.40	4.62	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.894587 ° -121.329253 °	37.891655 ° -121.328468 °		65
73	4.64	4.64	Earthen Levee	Encroachments	LS	M	Garbage	37.891428 ° -121.328642 °	37.891428 ° Y -121.328642 °		66
74	4.64	4.64	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.891365 ° -121.328680 °	37.891365 ° -121.328680 °		67
75	4.98	4.98	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.887277 ° -121.331609 °	37.887277 ° -121.331609 °		84

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2008**

**Reclamation District No. 0524**

Waterway						Bank	Unit Miles	Inspection Date		Inspector	
Unit No. 01 San Joaquin River						Left	6.30	09/22/2008		Richard Willoughby	
LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
76	5.24	5.24	Earthen Levee	Encroachments	LS	M	Prunings	37.883657 ° -121.332132 °	37.883657 ° -121.332132 °		68
77	5.33	5.35	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.882377 ° -121.332598 °	37.882076 ° -121.332676 °		85
78	5.65	5.65	Boat Survey	Boat Survey Erosion	LS	M	Inspector Comments: Old site repaired; new erosion forming, near-vertical scarp just above rip rap; u.s of Howards Road Bridge near abutment; steep slope	37.877880 ° -121.332550 °	° °		914
79	5.83	6.07	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.875487 ° -121.332995 °	37.872893 ° -121.331097 °		69
80	5.84	5.84	Earthen Levee	Encroachments	LS	M	Prunings	37.875370 ° -121.333052 °	37.875370 ° -121.333052 °		70
81	5.87	5.87	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Regrade the crown roadway for proper drainage.	37.874983 ° -121.333225 °	37.874983 ° -121.333225 °		72
82	5.87	5.87	Earthen Levee	Encroachments	CR	M	Pipe	37.875002 ° -121.333222 °	37.875002 ° Y -121.333222 °		71
83	5.92	5.92	Earthen Levee	Encroachments	CR	M	Pipe	37.874240 ° -121.333180 °	37.874240 ° Y -121.333180 °		73
84	5.92	5.92	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	37.874240 ° -121.333185 °	37.874165 ° Y -121.333155 °		74
85	5.92	5.94	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.874240 ° -121.333187 °	37.874002 ° -121.333027 °		75
86	5.97	5.97	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.873678 ° -121.332550 °	37.873678 ° -121.332550 °		86
87	5.99	6.00	Earthen Levee	Encroachments	LS	PO	Fences	37.873545 ° -121.332308 °	37.873445 ° -121.332127 °		87
88	5.99	6.00	Earthen Levee	Encroachments	LS	PO	Landscaping	37.873543 ° -121.332308 °	37.873445 ° -121.332127 °		88
89	6.01	6.05	Earthen Levee	Encroachments	LS	CO	Buildings	37.873377 ° -121.331977 °	37.873102 ° -121.331382 °		89

**\* Location**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2008**

**Reclamation District No. 0524**

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 01 San Joaquin River	Left	6.30	09/22/2008	Richard Willoughby

Levee Mile Report Line	2
Start Levee Mile	0.36
End Levee Mile	0.36
Location	
Category	Earthen Levee
Item	Encroachments
Garbage pile at landward toe at LM 0.36	



Levee Mile Report Line	3
Start Levee Mile	0.38
End Levee Mile	0.39
Location	
Category	Earthen Levee
Item	Erosion / Bank Caving
Minor erosion from LM 0.38 to 0.39	



Levee Mile Report Line	5
Start Levee Mile	0.48
End Levee Mile	0.49
Location	
Category	Earthen Levee
Item	Erosion / Bank Caving
Major erosion from LM 0.48 to 0.49	

**\* Location**

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CR : Crown

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2008**

**Reclamation District No. 0524**

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 01 San Joaquin River	Left	6.30	09/22/2008	Richard Willoughby

Levee Mile Report Line	6
Start Levee Mile	0.51
End Levee Mile	0.52
Location	
Category	Earthen Levee
Item	Erosion / Bank Caving
Erosion from LM 0.51 to 0.52	



Levee Mile Report Line	11
Start Levee Mile	0.64
End Levee Mile	0.64
Location	
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting
Large hole 3 x 3 on levee crown near waterside shoulder at LM 0.64	



Levee Mile Report Line	12
Start Levee Mile	0.65
End Levee Mile	0.66
Location	
Category	Earthen Levee
Item	Slope Stability
Erosion from LM 0.65 to 0.66	

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2008**

**Reclamation District No. 0524**

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 01 San Joaquin River	Left	6.30	09/22/2008	Richard Willoughby

Levee Mile Report Line	13
Start Levee Mile	0.68
End Levee Mile	0.68
Location	
Category	Earthen Levee
Item	Vegetation
Bamboo on waterward slope at LM 0.68	



Levee Mile Report Line	19
Start Levee Mile	1.09
End Levee Mile	1.09
Location	
Category	Earthen Levee
Item	Slope Stability
Landward slope damage at LM 1.09	



Levee Mile Report Line	21
Start Levee Mile	1.25
End Levee Mile	1.25
Location	
Category	Earthen Levee
Item	Encroachments
Concrete rubble with rebar on landward shoulder at LM 1.25	

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2008**

**Reclamation District No. 0524**

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 01 San Joaquin River	Left	6.30	09/22/2008	Richard Willoughby

Levee Mile Report Line	22
Start Levee Mile	1.32
End Levee Mile	1.33
Location	
Category	Earthen Levee
Item	Erosion / Bank Caving
Erosion from LM 1.32 to 1.33	



Levee Mile Report Line	24
Start Levee Mile	1.56
End Levee Mile	1.74
Location	
Category	Earthen Levee
Item	Encroachments
Overgrown landscaping on landward slope from LM 1.56 to 1.74	



Levee Mile Report Line	29
Start Levee Mile	1.75
End Levee Mile	1.76
Location	
Category	Earthen Levee
Item	Encroachments
Garbage on landward toe from LM 1.75 to 1.76	

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2008**

**Reclamation District No. 0524**

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 01 San Joaquin River	Left	6.30	09/22/2008	Richard Willoughby

Levee Mile Report Line	52
Start Levee Mile	2.78
End Levee Mile	2.79
Location	
Category	Earthen Levee
Item	Encroachments
Landscaping (Cactus) on landward slope from LM 2.78 to 2.79	



Levee Mile Report Line	70
Start Levee Mile	4.05
End Levee Mile	4.05
Location	
Category	Earthen Levee
Item	Encroachments
Garbage at landward toe at LM 4.05	



Levee Mile Report Line	73
Start Levee Mile	4.64
End Levee Mile	4.64
Location	
Category	Earthen Levee
Item	Encroachments
Garbage at landward toe next to ramp at LM 4.64	

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**Flood Control Project Maintenance  
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**Levee Inspection Report By Mile - Fall 2008**

**Reclamation District No. 0524**

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 01 San Joaquin River	Left	6.30	09/22/2008	Richard Willoughby

Levee Mile Report Line	82
Start Levee Mile	5.87
End Levee Mile	5.87
Location	
Category	Earthen Levee
Item	Encroachments
Abandoned pipe at LM 5.87 wateside view	



Levee Mile Report Line	82
Start Levee Mile	5.87
End Levee Mile	5.87
Location	
Category	Earthen Levee
Item	Encroachments
Abandoned pipe at LM 5.87 landside view	



Levee Mile Report Line	83
Start Levee Mile	5.92
End Levee Mile	5.92
Location	
Category	Earthen Levee
Item	Encroachments
Abandoned pipe at LM 5.92 wateside view	

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**Levee Inspection Report By Mile - Fall 2008**

**Reclamation District No. 0524**

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 01 San Joaquin River	Left	6.30	09/22/2008	Richard Willoughby

Levee Mile Report Line	84
Start Levee Mile	5.92
End Levee Mile	5.92
Location	
Category	Earthen Levee
Item	Erosion / Bank Caving
Erosion at waterward toe at LM 5.92	

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