

**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

NA0010	Overall LMA Rating	Total LMA Miles	* Overall LMA Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall LMA Rating is M instead of A.			
Lower San Joaquin Levee District	M *	191.40				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments PO Miles CO Miles	
Vegetation	9.86		9.86	5.15%		
Trim / Thin Trees	0.03		0.03	0.02%		
Encroachments		0.01	0.04	0.02%	1.05	
Animal Control	0.70		0.70	0.37%		
Vegetation & Obstructions	0.06		0.06	0.03%		
Boat Survey Erosion		0.06	0.24	0.13%		
<i>LMA Totals:</i>	10.65	0.07	10.93	5.71% *	1.05	0.00
Unit No. 01 San Joaquin River	Overall Unit Rating	Total Unit Miles				
	A	22.56				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments PO Miles CO Miles	
Vegetation	0.60		0.60	2.66%		
Trim / Thin Trees	0.01		0.01	0.04%		
Encroachments					0.71	
Vegetation & Obstructions	0.01		0.01	0.04%		
<i>Unit Totals:</i>	0.62	0.00	0.62	2.75%	0.71	0.00
Unit No. 02A San Joaquin River	Overall Unit Rating	Total Unit Miles	* Overall Unit Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall Unit Rating is M instead of A.			
	M *	7.87				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments PO Miles CO Miles	
Boat Survey Erosion		0.06	0.24	3.05%		
<i>Unit Totals:</i>	0.00	0.06	0.24	3.05% *	0.00	0.00
Unit No. 02B San Joaquin River	Overall Unit Rating	Total Unit Miles				
	A	5.92				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments PO Miles CO Miles	
Trim / Thin Trees	0.02		0.02	0.34%		
<i>Unit Totals:</i>	0.02	0.00	0.02	0.34%	0.00	0.00
Unit No. 03 San Joaquin River	Overall Unit Rating	Total Unit Miles				
	A	2.16				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments PO Miles CO Miles	
No Items						
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.00	0.00
Unit No. 04 San Joaquin River	Overall Unit Rating	Total Unit Miles				
	A	1.58				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments PO Miles CO Miles	
No Items						
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.00	0.00

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Levee Inspections**

Fall 2008 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including Boat Survey Erosion

San Joaquin River Basin (cont.)

Unit No. 05 East Side Bypass	Overall Unit Rating	Total Unit Miles				
	A	34.75				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Vegetation	0.80		0.80	2.30%		
Animal Control	0.07		0.07	0.20%		
<i>Unit Totals:</i>	0.87	0.00	0.87	2.50%	0.00	0.00

Unit No. 06 East Side Bypass	Overall Unit Rating	Total Unit Miles	* Overall Unit Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall Unit Rating is M instead of A.			
	M *	36.38				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Encroachments		0.01	0.04	0.11%		
Animal Control	0.07		0.07	0.19%		
Vegetation & Obstructions	0.02		0.02	0.06%		
<i>Unit Totals:</i>	0.09	0.01	0.13	0.36% *	0.00	0.00

Unit No. 07 Bear Creek Bypass	Overall Unit Rating	Total Unit Miles				
	A	3.62				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
No Items						
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.00	0.00

Unit No. 08 Bear Creek Bypass	Overall Unit Rating	Total Unit Miles				
	A	3.63				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Animal Control	0.14		0.14	3.86%		
Vegetation & Obstructions	0.01		0.01	0.28%		
<i>Unit Totals:</i>	0.15	0.00	0.15	4.13%	0.00	0.00

Unit No. 09 Owens Creek Bypass	Overall Unit Rating	Total Unit Miles				
	A	0.88				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Vegetation & Obstructions	0.01		0.01	1.14%		
<i>Unit Totals:</i>	0.01	0.00	0.01	1.14%	0.00	0.00

Unit No. 10 Owens Creek Bypass	Overall Unit Rating	Total Unit Miles				
	A	0.82				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
No Items						
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.00	0.00

**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 (cont.)

Unit No. 11 Mariposa Bypass	Overall Unit Rating	Total Unit Miles				
	A	3.33				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Vegetation & Obstructions	0.01		0.01	0.30%		
<i>Unit Totals:</i>	0.01	0.00	0.01	0.30%	0.00	0.00
Unit No. 12 Mariposa Bypass	Overall Unit Rating	Total Unit Miles				
	U	3.36				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Vegetation	0.96		0.96	28.57%		
<i>Unit Totals:</i>	0.96	0.00	0.96	28.57%	0.00	0.00
Unit No. 13 Ash Slough	Overall Unit Rating	Total Unit Miles				
	A	1.27				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
No Items						
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.00	0.00
Unit No. 14 Ash Slough	Overall Unit Rating	Total Unit Miles				
	A	1.28				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
No Items						
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.00	0.00
Unit No. 15 Berenda Slough	Overall Unit Rating	Total Unit Miles				
	U	2.03				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Vegetation	0.85		0.85	41.87%		
<i>Unit Totals:</i>	0.85	0.00	0.85	41.87%	0.00	0.00
Unit No. 16 Berenda Slough	Overall Unit Rating	Total Unit Miles				
	U	1.98				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Vegetation	0.75		0.75	37.88%		
<i>Unit Totals:</i>	0.75	0.00	0.75	37.88%	0.00	0.00
Unit No. 17 Chowchilla Canal Bypass	Overall Unit Rating	Total Unit Miles				
	A	16.09				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Animal Control	0.38		0.38	2.36%		
<i>Unit Totals:</i>	0.38	0.00	0.38	2.36%	0.00	0.00

**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 (cont.)

Unit No. 18 Chowchilla Canal Bypass	Overall Unit Rating	Total Unit Miles				
	A	15.33				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
No Items						
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.00	0.00

Unit No. 22A East Side Canal	Overall Unit Rating	Total Unit Miles				
	A	5.50				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
No Items						
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.00	0.00

Unit No. 23 San Joaquin River	Overall Unit Rating	Total Unit Miles				
	U	10.25				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Vegetation	2.94		2.94	28.68%		
Animal Control	0.04		0.04	0.39%		
<i>Unit Totals:</i>	2.98	0.00	2.98	29.07%	0.00	0.00

Unit No. 24 San Joaquin River	Overall Unit Rating	Total Unit Miles				
	U	8.34				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Vegetation	2.96		2.96	35.49%		
Encroachments					0.34	
<i>Unit Totals:</i>	2.96	0.00	2.96	35.49%	0.34	0.00

Unit No. 25 Salt Slough	Overall Unit Rating	Total Unit Miles				
	A	2.47				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
No Items						
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.00	0.00

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

Lower San Joaquin Levee District

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

** 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

Lower San Joaquin Levee District

Waterway			Bank	Unit Miles
Unit No. 01 San Joaquin River			Right	22.56
	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection	4/7/2008		10/30/2008	
DWR Inspector	Richard Willoughby		Richard Willoughby	
Accompanied By				
Unit Maintenance Rating (Fall Only)			A	

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

Lower San Joaquin Levee District

Waterway						Bank	Unit Miles	Inspection Date		Inspector	
Unit No. 01 San Joaquin River						Right	22.56	10/30/2008		Richard Willoughby	
LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	0.08	0.19	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	37.348044 ° -120.959755 °	37.346757 ° -120.960881 °		13
2	0.08	0.19	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	37.348039 ° -120.959770 °	37.346757 ° -120.960882 °		14
3	0.11	0.11	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.347688 ° -120.960067 °	37.347688 ° -120.960067 °		3
4	0.87	0.87	Interior Drainage & Piping Systems	Vegetation & Obstructions	WS	A		37.339817 ° -120.958673 °	37.339817 ° -120.958673 °	Y	4
5	3.95	3.95	Interior Drainage & Piping Systems	Vegetation & Obstructions	LS	A		37.311208 ° -120.927125 °	37.311208 ° -120.927125 °	Y	5
6	3.95	3.95	Interior Drainage & Piping Systems	Flap Gates	WS	A	Inspector Comments: Not should if flap gate is needed. Need to check O & M manual.	37.311192 ° -120.927117 °	37.311192 ° -120.927117 °	Y	6
7	4.01	4.28	Earthen Levee	Encroachments	LS	PO	Fences	37.310761 ° -120.926081 °	37.307872 ° -120.922897 °		15
8	4.01	4.45	Earthen Levee	Encroachments	WS	PO	Fences	37.310761 ° -120.926081 °	37.306175 ° -120.920780 °		16
9	6.38	6.48	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	37.304795 ° -120.896353 °	37.304248 ° -120.894690 °		17
10	6.63	6.63	Interior Drainage & Piping Systems	Vegetation & Obstructions	WS	A		37.303875 ° -120.891957 °	37.303875 ° -120.891957 °	Y	8
11	9.36	9.36	Interior Drainage & Piping Systems	Vegetation & Obstructions	LS	A		37.295432 ° -120.845742 °	37.295432 ° -120.845742 °	Y	9
12	9.66	9.66	Interior Drainage & Piping Systems	Vegetation & Obstructions	LS	M	Inspector Comments: Inlet of pipe is over 50% blockage.	37.294888 ° -120.840585 °	37.294888 ° -120.840585 °	Y	10
13	13.92	14.20	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	37.246582 ° -120.818038 °	37.242446 ° -120.817818 °		18

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 01 San Joaquin River	Right	22.56	10/30/2008	Richard Willoughby

Levee Mile Report Line	4
Start Levee Mile	0.87
End Levee Mile	0.87
Location	
Category	Interior Drainage & Piping Systems
Item	Vegetation & Obstructions
Vegetation (Tumbleweeds) blocking flap gate at LM 0.87	



Levee Mile Report Line	5
Start Levee Mile	3.95
End Levee Mile	3.95
Location	
Category	Interior Drainage & Piping Systems
Item	Vegetation & Obstructions
Inlet of pipe over 50 % blockage at LM 3.95	



Levee Mile Report Line	6
Start Levee Mile	3.95
End Levee Mile	3.95
Location	
Category	Interior Drainage & Piping Systems
Item	Flap Gates
Flap gate missing at LM 3.95	



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 01 San Joaquin River	Right	22.56	10/30/2008	Richard Willoughby

Levee Mile Report Line	10
Start Levee Mile	6.63
End Levee Mile	6.63
Location	
Category	Interior Drainage & Piping Systems
Item	Vegetation & Obstructions
Flap gate blockage at LM 6.63	



Levee Mile Report Line	10
Start Levee Mile	6.63
End Levee Mile	6.63
Location	
Category	Interior Drainage & Piping Systems
Item	Vegetation & Obstructions
Looking at acceptable condition of flap gate.	



Levee Mile Report Line	11
Start Levee Mile	9.36
End Levee Mile	9.36
Location	
Category	Interior Drainage & Piping Systems
Item	Vegetation & Obstructions
Srew gate block and not operating properly at LM 9.36	

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 01 San Joaquin River	Right	22.56	10/30/2008	Richard Willoughby

Levee Mile Report Line	12
Start Levee Mile	9.66
End Levee Mile	9.66
Location	
Category	Interior Drainage & Piping Systems
Item	Vegetation & Obstructions

Inlet of pipe blockage over 50 % at LM 9.66



*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2008 Levee Inspection Results

Lower San Joaquin Levee District

Waterway			Bank	Unit Miles
Unit No. 02A San Joaquin River			Left	7.87
	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection	4/10/2008		10/30/2008	
DWR Inspector	Richard Willoughby		Richard Willoughby	
Accompanied By				
Unit Maintenance Rating (Fall Only)			M	

Check one:

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Signature of LMA Representative

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

Lower San Joaquin Levee District

Waterway						Bank	Unit Miles	Inspection Date	Inspector	
Unit No. 02A San Joaquin River						Left	7.87	10/30/2008	Richard Willoughby	

LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	0.73	0.79	Boat Survey	Boat Survey Erosion		U	Inspector Comments: Scarp into levee crown; 7' remaining crown width; slight vegetation 2' tall	37.287104 °			943
								-120.874314 °			

*** Location**

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**Flood Control Project Maintenance
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Unit Cover Sheet

Fall 2008 Levee Inspection Results

Lower San Joaquin Levee District

Waterway			Bank	Unit Miles
Unit No. 02B San Joaquin River			Left	5.92
	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection	4/10/2008		10/30/2008	
DWR Inspector	Richard Willoughby		Richard Willoughby	
Accompanied By				
Unit Maintenance Rating (Fall Only)			A	

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Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Lower San Joaquin Levee District

Waterway						Bank	Unit Miles	Inspection Date	Inspector
Unit No. 02B San Joaquin River						Left	5.92	10/30/2008	Richard Willoughby

LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	7.87	13.79	Earthen Levee	Crown Surface / Depressions / Rutting	CR	A	Add appropriate gravel or road base. Grade and compact. Inspector Comments: Add appropriate gravel where needed.	37.231633 ° -120.812057 °	37.172110 ° -120.761210 °		5
2	13.05	13.05	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.181397 ° -120.766287 °	37.181397 ° -120.766287 °		4
3	13.10	13.10	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.180785 ° -120.765865 °	37.180785 ° -120.765865 °		3

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2008 Levee Inspection Results

Lower San Joaquin Levee District

Waterway			Bank	Unit Miles
Unit No. 03 San Joaquin River			Right	2.16
	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection	4/9/2008		10/30/2008	
DWR Inspector	Richard Willoughby		Richard Willoughby	
Accompanied By				
Unit Maintenance Rating (Fall Only)			A	

Check one:

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Comments

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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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 03 San Joaquin River	Right	2.16	10/30/2008	Richard Willoughby

LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1								°	°		
								°	°		

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2008 Levee Inspection Results

Lower San Joaquin Levee District

Waterway			Bank	Unit Miles
Unit No. 04 San Joaquin River			Left	1.58
	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection	4/10/2008		10/30/2008	
DWR Inspector	Richard Willoughby		Richard Willoughby	
Accompanied By				
Unit Maintenance Rating (Fall Only)			A	

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.

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Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 04 San Joaquin River	Left	1.58	10/30/2008	Richard Willoughby

LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1								°	°		
								°	°		

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected
--	--	--

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2008 Levee Inspection Results

Lower San Joaquin Levee District

Waterway			Bank	Unit Miles
Unit No. 05 East Side Bypass			Right	34.75
	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection	4/7/2008		10/30/2008	
DWR Inspector	Richard Willoughby		Richard Willoughby	
Accompanied By				
Unit Maintenance Rating (Fall Only)			A	

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Lower San Joaquin Levee District

Waterway						Bank	Unit Miles	Inspection Date		Inspector	
Unit No. 05 East Side Bypass						Right	34.75	10/30/2008		Richard Willoughby	
LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	8.06	8.06	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.213600 ° -120.706630 °	37.213600 ° -120.706630 °		4
2	8.83	8.83	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.205778 ° -120.696843 °	37.205778 ° -120.696843 °		5
3	12.88	13.68	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	37.175861 ° -120.640651 °	37.168360 ° -120.630099 °		12
4	25.49	25.54	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.047630 ° -120.488530 °	37.047042 ° -120.488092 °		9

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2008 Levee Inspection Results

Lower San Joaquin Levee District

Waterway			Bank	Unit Miles
Unit No. 06 East Side Bypass			Left	36.38
	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection	4/9/2008		10/30/2008	
DWR Inspector	Richard Willoughby		Richard Willoughby	
Accompanied By				
Unit Maintenance Rating (Fall Only)			M	

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Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Lower San Joaquin Levee District

Waterway						Bank	Unit Miles	Inspection Date		Inspector	
Unit No. 06 East Side Bypass						Left	36.38	10/30/2008		Richard Willoughby	
LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	4.14	4.14	Interior Drainage & Piping Systems	Vegetation & Obstructions	LS	A		37.248407 ° -120.769012 °	37.248407 ° -120.769012 °	Y	14
2	4.67	4.67	Interior Drainage & Piping Systems	Vegetation & Obstructions	LS	M		37.243985 ° -120.761317 °	37.243985 ° -120.761317 °	Y	13
3	4.67	4.67	Earthen Levee	Animal Control	CR	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.244012 ° -120.761372 °	37.244012 ° -120.761372 °	Y	16
4	5.32	5.32	Interior Drainage & Piping Systems	Vegetation & Obstructions	LS	M		37.239065 ° -120.751792 °	37.239065 ° -120.751792 °	Y	12
5	5.60	5.60	Interior Drainage & Piping Systems	Vegetation & Obstructions	LS	A		37.238563 ° -120.746622 °	37.238563 ° -120.746622 °	Y	11
6	8.20	8.20	Interior Drainage & Piping Systems	Vegetation & Obstructions	LS	A		37.216477 ° -120.712988 °	37.216477 ° -120.712988 °	Y	10
7	20.67	20.67	Earthen Levee	Encroachments	WS	U	Material Inspector Comments: Sand pile in channel over three feet high.	37.113320 ° -120.564087 °	37.113320 ° -120.564087 °	Y	15
8	22.90	22.96	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.088663 ° -120.538193 °	37.087968 ° -120.537485 °		8

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 06 East Side Bypass	Left	36.38	10/30/2008	Richard Willoughby

Levee Mile Report Line	1
Start Levee Mile	4.14
End Levee Mile	4.14
Location	
Category	Interior Drainage & Piping Systems
Item	Vegetation & Obstructions
Inlet of pipe over 50% blockage at LM 4.14	



Levee Mile Report Line	1
Start Levee Mile	4.14
End Levee Mile	4.14
Location	
Category	Interior Drainage & Piping Systems
Item	Vegetation & Obstructions
Looking at inlet of pipe at acceptable condition.	



Levee Mile Report Line	2
Start Levee Mile	4.67
End Levee Mile	4.67
Location	
Category	Interior Drainage & Piping Systems
Item	Vegetation & Obstructions
Inlet of pipe over 50% blockage at LM 4.67	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 06 East Side Bypass	Left	36.38	10/30/2008	Richard Willoughby

Levee Mile Report Line	2
Start Levee Mile	4.67
End Levee Mile	4.67
Location	
Category	Interior Drainage & Piping Systems
Item	Vegetation & Obstructions
Looking at inlet of pipe at minimally acceptable condition.	



Levee Mile Report Line	3
Start Levee Mile	4.67
End Levee Mile	4.67
Location	
Category	Earthen Levee
Item	Animal Control
Looking at squirrel hole at crown of levee.	



Levee Mile Report Line	4
Start Levee Mile	5.32
End Levee Mile	5.32
Location	
Category	Interior Drainage & Piping Systems
Item	Vegetation & Obstructions
Inlet of pipe over 50% blockage at LM 5.32	



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 06 East Side Bypass	Left	36.38	10/30/2008	Richard Willoughby

Levee Mile Report Line	4
Start Levee Mile	5.32
End Levee Mile	5.32
Location	
Category	Interior Drainage & Piping Systems
Item	Vegetation & Obstructions
Looking at inlet of pipe at an minimally acceptable condition	



Levee Mile Report Line	5
Start Levee Mile	5.60
End Levee Mile	5.60
Location	
Category	Interior Drainage & Piping Systems
Item	Vegetation & Obstructions
Inlet of pipe over 25% blockage at LM 5.60	



Levee Mile Report Line	5
Start Levee Mile	5.60
End Levee Mile	5.60
Location	
Category	Interior Drainage & Piping Systems
Item	Vegetation & Obstructions
Looking at inlet of pipe at an acceptable condition.	

*** Location**

LS : Land Side
WS : Water Side
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 06 East Side Bypass	Left	36.38	10/30/2008	Richard Willoughby

Levee Mile Report Line	6
Start Levee Mile	8.20
End Levee Mile	8.20
Location	
Category	Interior Drainage & Piping Systems
Item	Vegetation & Obstructions
Inlet of pipe over 50 % blockage at LM 8.20	



Levee Mile Report Line	6
Start Levee Mile	8.20
End Levee Mile	8.20
Location	
Category	Interior Drainage & Piping Systems
Item	Vegetation & Obstructions
Looking at inlet of pipe at an acceptable condition.	



Levee Mile Report Line	7
Start Levee Mile	20.67
End Levee Mile	20.67
Location	
Category	Earthen Levee
Item	Encroachments
Looking north at sand pipe over three feet high in channel.	

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2008 Levee Inspection Results

Lower San Joaquin Levee District

Waterway			Bank	Unit Miles
Unit No. 07 Bear Creek Bypass			Right	3.62
	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection	4/7/2008		10/30/2008	
DWR Inspector	Richard Willoughby		Richard Willoughby	
Accompanied By				
Unit Maintenance Rating (Fall Only)			A	

Check one:

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Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	10/30/2008	Richard Willoughby

LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1								°	°		
								°	°		

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2008 Levee Inspection Results

Lower San Joaquin Levee District

Waterway			Bank	Unit Miles
Unit No. 08 Bear Creek Bypass			Left	3.63
	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection	4/7/2008		10/30/2008	
DWR Inspector	Richard Willoughby		Richard Willoughby	
Accompanied By				
Unit Maintenance Rating (Fall Only)			A	

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Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Lower San Joaquin Levee District

Waterway					Bank	Unit Miles	Inspection Date	Inspector	
Unit No. 08 Bear Creek Bypass					Left	3.63	10/30/2008	Richard Willoughby	

LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	2.12	2.12	Interior Drainage & Piping Systems	Vegetation & Obstructions	LS	M	Inspector Comments: District has removed some of the material from the inlet of the pipe, but 25% of is blocked.	37.257818 ° -120.741570 °	37.257818 ° -120.741570 °	Y	4
2	3.40	3.54	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.253052 ° -120.722647 °	37.253600 ° -120.720198 °		3

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	10/30/2008	Richard Willoughby

Levee Mile Report Line	1
Start Levee Mile	2.12
End Levee Mile	2.12
Location	
Category	Interior Drainage & Piping Systems
Item	Vegetation & Obstructions
Inlet of pipe blockage over 50 % at LM 2.12	



Levee Mile Report Line	1
Start Levee Mile	2.12
End Levee Mile	2.12
Location	
Category	Interior Drainage & Piping Systems
Item	Vegetation & Obstructions
Looking at inlet of pipe at an minimally acceptable condition.	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2008 Levee Inspection Results

Lower San Joaquin Levee District

Waterway			Bank	Unit Miles
Unit No. 09 Owens Creek Bypass			Right	0.88
	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection	4/7/2008		10/30/2008	
DWR Inspector	Richard Willoughby		Richard Willoughby	
Accompanied By				
Unit Maintenance Rating (Fall Only)			A	

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Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 09 Owens Creek Bypass	Right	0.88	10/30/2008	Richard Willoughby

LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	0.87	0.87	Interior Drainage & Piping Systems	Vegetation & Obstructions	LS	M	Inspector Comments: Inlet of pipe is at minimally acceptable condition.	37.219993 ° -120.698355 °	37.219993 ° -120.698355 °	Y	3

*** Location**

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WS : Water Side
CR : Crown

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N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 09 Owens Creek Bypass	Right	0.88	10/30/2008	Richard Willoughby

Levee Mile Report Line	1
Start Levee Mile	0.87
End Levee Mile	0.87
Location	
Category	Interior Drainage & Piping Systems
Item	Vegetation & Obstructions
Inlet of pipe over 50 % blockage at LM 0.87	



Levee Mile Report Line	1
Start Levee Mile	0.87
End Levee Mile	0.87
Location	
Category	Interior Drainage & Piping Systems
Item	Vegetation & Obstructions
Looking at inlet of pipe at a minimally acceptable condition.	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2008 Levee Inspection Results

Lower San Joaquin Levee District

Waterway			Bank	Unit Miles
Unit No. 10 Owens Creek Bypass			Left	0.82
	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection	4/7/2008		10/30/2008	
DWR Inspector	Richard Willoughby		Richard Willoughby	
Accompanied By				
Unit Maintenance Rating (Fall Only)			A	

Check one:

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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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 10 Owens Creek Bypass	Left	0.82	10/30/2008	Richard Willoughby

LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1								°	°		
								°	°		

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2008 Levee Inspection Results

Lower San Joaquin Levee District

Waterway			Bank	Unit Miles
Unit No. 11 Mariposa Bypass			Right	3.33
	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection	4/10/2008		10/30/2008	
DWR Inspector	Richard Willoughby		Richard Willoughby	
Accompanied By				
Unit Maintenance Rating (Fall Only)			A	

Check one:

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 11 Mariposa Bypass	Right	3.33	10/30/2008	Richard Willoughby

LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	0.41	0.41	Interior Drainage & Piping Systems	Vegetation & Obstructions	LS	M	Inspector Comments: Inlet of pipe is at minimally acceptable condition 25% blockage.	37.202785 ° -120.747603 °	37.202785 ° -120.747603 °	Y	3

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 11 Mariposa Bypass	Right	3.33	10/30/2008	Richard Willoughby

Levee Mile Report Line	1
Start Levee Mile	0.41
End Levee Mile	0.41
Location	
Category	Interior Drainage & Piping Systems
Item	Vegetation & Obstructions
Inlet of pipe over 50% blockage at LM 0.41	



Levee Mile Report Line	1
Start Levee Mile	0.41
End Levee Mile	0.41
Location	
Category	Interior Drainage & Piping Systems
Item	Vegetation & Obstructions
Looking at inlet of pipe at aa minimally acceptable condition	

*** Location**

LS : Land Side
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**** Rating**

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2008 Levee Inspection Results

Lower San Joaquin Levee District

Waterway			Bank	Unit Miles
Unit No. 12 Mariposa Bypass			Left	3.36
	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection	4/10/2008		10/30/2008	
DWR Inspector	Richard Willoughby		Richard Willoughby	
Accompanied By				
Unit Maintenance Rating (Fall Only)			U	

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 12 Mariposa Bypass	Left	3.36	10/30/2008	Richard Willoughby

LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	1.44	2.00	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	37.200918 ° -120.729211 °	37.200913 ° -120.719117 °		5
2	2.58	2.98	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	37.200909 ° -120.708605 °	37.200934 ° -120.701538 °		4

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2008 Levee Inspection Results

Lower San Joaquin Levee District

Waterway			Bank	Unit Miles
Unit No. 13 Ash Slough			Right	1.27
	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection	4/8/2008		10/30/2008	
DWR Inspector	Richard Willoughby		Richard Willoughby	
Accompanied By				
Unit Maintenance Rating (Fall Only)			A	

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 13 Ash Slough	Right	1.27	10/30/2008	Richard Willoughby

LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1								°	°		
								°	°		

*** Location**
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2008 Levee Inspection Results

Lower San Joaquin Levee District

Waterway			Bank	Unit Miles
Unit No. 14 Ash Slough			Left	1.28
	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection	4/8/2008		10/30/2008	
DWR Inspector	Richard Willoughby		Richard Willoughby	
Accompanied By				
Unit Maintenance Rating (Fall Only)			A	

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Signature of LMA Representative

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 14 Ash Slough	Left	1.28	10/30/2008	Richard Willoughby

LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1								°	°		
								°	°		

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2008 Levee Inspection Results

Lower San Joaquin Levee District

Waterway			Bank	Unit Miles
Unit No. 15 Berenda Slough			Right	2.03
	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection	4/8/2008		10/30/2008	
DWR Inspector	Richard Willoughby		Richard Willoughby	
Accompanied By				
Unit Maintenance Rating (Fall Only)			U	

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 15 Berenda Slough	Right	2.03	10/30/2008	Richard Willoughby

LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	0.65	1.02	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	36.996538 ° -120.398658 °	36.996550 ° -120.392015 °		5
2	1.52	2.00	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	36.996560 ° -120.382936 °	36.996588 ° -120.374279 °		6

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2008 Levee Inspection Results

Lower San Joaquin Levee District

Waterway			Bank	Unit Miles
Unit No. 16 Berenda Slough			Left	1.98
	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection	4/9/2008		10/30/2008	
DWR Inspector	Richard Willoughby		Richard Willoughby	
Accompanied By				
Unit Maintenance Rating (Fall Only)			U	

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 16 Berenda Slough	Left	1.98	10/30/2008	Richard Willoughby

LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	0.40	0.65	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	36.995428 ° -120.401764 °	36.995435 ° -120.397253 °		5
2	0.92	1.42	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	36.995449 ° -120.392343 °	36.995457 ° -120.383438 °		4

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2008 Levee Inspection Results

Lower San Joaquin Levee District

Waterway			Bank	Unit Miles
Unit No. 17 Chowchilla Canal Bypass			Right	16.09
	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection	4/9/2008		10/30/2008	
DWR Inspector	Richard Willoughby		Richard Willoughby	
Accompanied By				
Unit Maintenance Rating (Fall Only)			A	

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Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	10/30/2008	Richard Willoughby

LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	6.51	6.60	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	36.898124 ° -120.326714 °	36.896943 ° -120.326133 °		4
2	7.27	7.39	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	36.887869 ° -120.321697 °	36.886341 ° -120.320940 °		5
3	8.11	8.28	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	36.876132 ° -120.317926 °	36.873749 ° -120.317465 °		6

*** Location**

LS : Land Side
WS : Water Side
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**** Rating**

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N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2008 Levee Inspection Results

Lower San Joaquin Levee District

Waterway			Bank	Unit Miles
Unit No. 18 Chowchilla Canal Bypass			Left	15.33
	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection	4/9/2008		10/30/2008	
DWR Inspector	Richard Willoughby		Richard Willoughby	
Accompanied By				
Unit Maintenance Rating (Fall Only)			A	

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.33	10/30/2008	Richard Willoughby

LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1								°	°		
								°	°		

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable PO : Partially Obstructing
M : Minimally Acceptable CO : Completely Obstructing
U : Unacceptable N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2008 Levee Inspection Results

Lower San Joaquin Levee District

Waterway			Bank	Unit Miles
Unit No. 22A East Side Canal			Left	5.50
	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection	4/7/2008		10/30/2008	
DWR Inspector	Richard Willoughby		Richard Willoughby	
Accompanied By				
Unit Maintenance Rating (Fall Only)			A	

Check one:

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Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 22A East Side Canal	Left	5.50	10/30/2008	Richard Willoughby

LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1								°	°		
								°	°		

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2008 Levee Inspection Results

Lower San Joaquin Levee District

Waterway			Bank	Unit Miles
Unit No. 23 San Joaquin River			Right	10.25
	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection	4/9/2008		10/30/2008	
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.
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(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

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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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 23 San Joaquin River	Right	10.25	10/30/2008	Richard Willoughby

LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	0.75	0.81	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	36.774534 ° -120.272467 °	36.774059 ° -120.271417 °		7
2	1.46	2.39	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	36.772659 ° -120.260533 °	36.774743 ° -120.247233 °		8
3	2.68	4.62	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	36.771761 ° -120.243892 °	36.786271 ° -120.221631 °		9
4	3.30	3.30	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	36.774403 ° -120.234705 °	36.774403 ° -120.234705 °		3
5	5.68	5.72	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	36.792012 ° -120.206270 °	36.791857 ° -120.205685 °		5

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2008 Levee Inspection Results

Lower San Joaquin Levee District

Waterway			Bank	Unit Miles
Unit No. 24 San Joaquin River			Left	8.34
	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection	4/9/2008		10/30/2008	
DWR Inspector	Richard Willoughby		Richard Willoughby	
Accompanied By				
Unit Maintenance Rating (Fall Only)			U	

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Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Lower San Joaquin Levee District

Waterway						Bank	Unit Miles	Inspection Date		Inspector	
Unit No. 24 San Joaquin River						Left	8.34	10/30/2008		Richard Willoughby	
LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	0.02	2.45	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	36.772944 ° -120.285319 °	36.769739 ° -120.254645 °		3
2	2.92	3.45	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	36.771338 ° -120.247537 °	36.769408 ° -120.238600 °		2
3	7.98	8.32	Earthen Levee	Encroachments	WS	PO	Fences	36.775580 ° -120.189783 °	36.778099 ° -120.184436 °		1

*** Location**

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WS : Water Side
CR : Crown

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2008 Levee Inspection Results

Lower San Joaquin Levee District

Waterway			Bank	Unit Miles
Unit No. 25 Salt Slough			Right	2.47
	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection	4/10/2008		10/30/2008	
DWR Inspector	Richard Willoughby		Richard Willoughby	
Accompanied By				
Unit Maintenance Rating (Fall Only)			A	

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Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 25 Salt Slough	Right	2.47	10/30/2008	Richard Willoughby

LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1								°	°		
								°	°		

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected
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