

**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

NA0013	Overall LMA Rating	Total LMA Miles				
Merced County Stream Group	U	6.30				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Encroachments					0.01	
Animal Control	1.10	2.33	10.42	165.40%		
Crown Surface / Depressions / Rutting	0.10		0.10	1.59%		
Boat Survey Erosion	0.02	0.01	0.06	0.95%		
<i>LMA Totals:</i>	1.22	2.34	10.58	167.94%	0.01	0.00
Unit No. 01 Black Rascal Diversion	Overall Unit Rating	Total Unit Miles				
	A	1.60				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Encroachments					0.01	
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.01	0.00
Unit No. 02 Black Rascal Diversion	Overall Unit Rating	Total Unit Miles				
	M	1.90				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Animal Control	0.28		0.28	14.74%		
<i>Unit Totals:</i>	0.28	0.00	0.28	14.74%	0.00	0.00
Unit No. 03 Owens Creek Diversion	Overall Unit Rating	Total Unit Miles				
	U	1.40				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Animal Control	0.82	0.01	0.86	61.43%		
Crown Surface / Depressions / Rutting	0.10		0.10	7.14%		
Boat Survey Erosion	0.01	0.01	0.05	3.57%		
<i>Unit Totals:</i>	0.93	0.02	1.01	72.14%	0.00	0.00
Unit No. 04 Owens Creek Diversion	Overall Unit Rating	Total Unit Miles				
	U	1.40				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Animal Control		2.32	9.28	662.86%		
Boat Survey Erosion	0.01		0.01	0.71%		
<i>Unit Totals:</i>	0.01	2.32	9.29	663.57%	0.00	0.00

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

Merced County Stream Group

	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
Merced County Stream Group**

Waterway	Bank	Unit Miles
Unit No. 01 Black Rascal Diversion	Right	1.60

	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection	3/3/2008		10/27/2008	
DWR Inspector	Herman Phillips		Herman Phillips	
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.

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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

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

Merced County Stream Group

Waterway				Bank	Unit Miles	Inspection Date	Inspector
Unit No. 01 Black Rascal Diversion				Right	1.60	10/27/2008	Herman Phillips

LMR Line	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	0.91	0.92	Earthen Levee	Encroachments	WS PO	Fences		37.327642 °	37.327773 °		2
								-120.396333 °	-120.396532 °		

<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p> <p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected</p>
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**Flood Control Project Maintenance
Levee Inspections
Unit Cover Sheet
Fall 2008 Levee Inspection Results
Merced County Stream Group**

Waterway		Bank	Unit Miles
Unit No. 02 Black Rascal Diversion		Left	1.90

	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection	3/3/2008		10/27/2008	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By				
Unit Maintenance Rating (Fall Only)			M	

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Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Merced County Stream Group

Waterway				Bank	Unit Miles	Inspection Date	Inspector
Unit No. 02 Black Rascal Diversion				Left	1.90	10/27/2008	Herman Phillips

LMR Line	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	0.70	0.97	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	37.331107 ° -120.394673 °	37.327500 ° -120.396098 °		8
2	1.69	1.69	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	37.317333 ° -120.394985 °	37.317333 ° -120.394985 °		4

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**Flood Control Project Maintenance
Levee Inspections
Unit Cover Sheet
Fall 2008 Levee Inspection Results
Merced County Stream Group**

Waterway		Bank	Unit Miles
Unit No. 03 Owens Creek Diversion		Right	1.40

	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection	3/4/2008		10/27/2008	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By				
Unit Maintenance Rating (Fall Only)			U	

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Levee Inspection Report By Mile - Fall 2008

Merced County Stream Group

Waterway				Bank	Unit Miles	Inspection Date	Inspector					
Unit No. 03 Owens Creek Diversion				Right	1.40	10/27/2008	Herman Phillips					
LMR Line	Levee Mile		Category	Item	* Location	** Rating	Action/Comment		GPS Latitude/Longitude		Photo	Issue
	Start	End					Start	End				
1	0.70	1.44	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows. Inspector Comments: The maintaining Agency has done an excellent job of mowing the levee both unit 3 and 4, the channel has been dredged removing the tule growth. It looks good.	37.267302 ° -120.287190 °	37.273742 ° -120.277737 °			6
2	1.00	1.00	Boat Survey	Boat Survey Erosion	WS	U	Inspector Comments: GPS extended from opposite bank using Google Earth	37.270800 ° -120.284180 °				968
3	1.19	1.27	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	37.272388 ° -120.281348 °	37.272840 ° -120.280295 °			7
4	1.24	1.25	Earthen Levee	Animal Control	CR	U	Exterminate rodents and backfill and compact or grout burrows.	37.272537 ° -120.280500 °	37.272560 ° -120.280447 °			8
5	1.25	1.25	Boat Survey	Boat Survey Erosion	CR	M	Inspector Comments: previously not rated; ponding occurring; 100' ds of bridge	37.272630 ° -120.280390 °				946
6	1.34	1.44	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Regrade the crown roadway for proper drainage.	37.273503 ° -120.279457 °	37.273742 ° -120.277733 °			11

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Merced County Stream Group**

Waterway		Bank	Unit Miles
Unit No. 04 Owens Creek Diversion		Left	1.40

	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection	3/4/2008		10/27/2008	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By				
Unit Maintenance Rating (Fall Only)			U	

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Waterway				Bank	Unit Miles	Inspection Date	Inspector					
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LMR Line	Levee Mile		Category	Item	Location*	Rating**	Action/Comment		GPS Latitude/Longitude		Photo	Issue
	Start	End					Start	End				
1	0.13	1.03	Earthen Levee	Animal Control	WS	U	Exterminate rodents and backfill and compact or grout burrows.		37.272967 ° -120.280057 °	37.262877 ° -120.287860 °		2
2	0.13	1.03	Earthen Levee	Animal Control	LS	U	Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: I did not see any rodent during my inspection of unit 4 I did see rodent holes that appeared to be active.		37.272967 ° -120.280055 °	37.262870 ° -120.287862 °		1
3	0.42	0.42	Boat Survey	Boat Survey Erosion	LS	M	Inspector Comments: GPS extended from opposite bank using Google Earth		37.270630 ° -120.283970 °	° °		967
4	0.61	0.63	Earthen Levee	Animal Control	CR	U	Exterminate rodents and backfill and compact or grout burrows.		37.268428 ° -120.285887 °	37.268142 ° -120.286112 °		6
5	1.16	1.41	Earthen Levee	Animal Control	LS	U	Exterminate rodents and backfill and compact or grout burrows.		37.261005 ° -120.288168 °	37.257502 ° -120.288102 °		10
6	1.16	1.41	Earthen Levee	Animal Control	WS	U	Exterminate rodents and backfill and compact or grout burrows.		37.261007 ° -120.288170 °	37.257498 ° -120.288100 °		11

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