

**Flood Control Project Maintenance
Levee Inspections**

Fall 2009 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR Erosion Survey

San Joaquin River Basin

NA0013	Overall LMA Rating	Total LMA Miles				
Merced County Stream Group	U	6.40				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Animal Control	2.88	1.40	8.48	132.50%		
DWR Erosion Survey	0.14	0.02	0.22	3.44%		
<i>LMA Totals:</i>	3.02	1.42	8.70	135.94%	0.00	0.00
Unit No. 01 Black Rascal Diversion	Overall Unit Rating	Total Unit Miles				
	A	1.64				
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. 02 Black Rascal Diversion	Overall Unit Rating	Total Unit Miles				
	U	1.88				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Animal Control	0.40		0.40	21.28%		
<i>Unit Totals:</i>	0.40	0.00	0.40	21.28%	0.00	0.00
Unit No. 03 Owens Creek Diversion	Overall Unit Rating	Total Unit Miles				
	U	1.44				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Animal Control	1.30		1.30	90.28%		
DWR Erosion Survey	0.01	0.01	0.05	3.47%		
<i>Unit Totals:</i>	1.31	0.01	1.35	93.75%	0.00	0.00
Unit No. 04 Owens Creek Diversion	Overall Unit Rating	Total Unit Miles				
	U	1.44				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Animal Control	1.18	1.40	6.78	470.83%		
DWR Erosion Survey	0.13	0.01	0.17	11.81%		
<i>Unit Totals:</i>	1.31	1.41	6.95	482.64%	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2009 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 2009 Levee Inspection Results

Merced County Stream Group

Waterway			Bank	Unit Miles
Unit No. 01 Black Rascal Diversion			Right	1.64
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/12/2009		11/3/2009	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By				

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 2009

Merced County Stream Group

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Black Rascal Diversion				Right	1.64	12/02/2009 12/02/2009	Herman Phillips	

LMR No	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.00	1.64	Earthen Levee	Vegetation	LS	A	Inspector Comments: From 0.00 thru 1.64 The District has done an outstanding job of keeping the slopes both Waterside and Land side free of veg. Good Job. There were no issues listed.	37.314637 ° -120.396387 °	37.337153 ° -120.396516 °	1

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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

**Flood Control Project Maintenance
Levee Inspections
Unit Cover Sheet
Fall 2009 Levee Inspection Results
Merced County Stream Group**

Waterway		Bank	Unit Miles
Unit No. 02 Black Rascal Diversion		Left	1.88

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	3/12/2009		11/3/2009	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By				

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Levee Inspection Report By Mile - Fall 2009

Merced County Stream Group

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 02 Black Rascal Diversion						Left	1.88	12/02/2009 12/02/2009	Herman Phillips	

LMR No	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.69	0.82	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	37.331163 ° -120.394637 °	37.329660 ° -120.395797 °	9
2	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

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**Flood Control Project Maintenance
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Unit Cover Sheet
Fall 2009 Levee Inspection Results
Merced County Stream Group**

Waterway		Bank	Unit Miles
Unit No. 03 Owens Creek Diversion		Right	1.44

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	3/12/2009		11/3/2009	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By				

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Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Merced County Stream Group

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Owens Creek Diversion				Right	1.44	12/02/2009 12/02/2009	Herman Phillips

LMR No	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	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	0.73	0.95	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	37.267585 ° -120.286860 °	37.270175 ° -120.284772 °	969
3	1.00	1.00	Supplemental	DWR Erosion Survey	WS	U	Inspector Comments: 2009: Site recommended as local maintenance issue, per CLRO CES Evaluation 2008 Report; previously rated "U" [2009 SiteID:NA0013U3RM1]	37.270800 ° -120.284180 °	37.270800 ° -120.284180 °	1
4	1.07	1.28	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	37.271402 ° -120.283263 °	37.273045 ° -120.280272 °	970
5	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
6	1.24	1.28	Earthen Levee	Animal Control	CR	M	Exterminate rodents and backfill and compact or grout burrows.	37.272533 ° -120.280605 °	37.273045 ° -120.280272 °	971
7	1.24	1.25	Earthen Levee	Animal Control	CR	M	Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: This Unit is maintained as far as the vegetation is concerned however there is a problem with the rodents. The District should have bait traps through out the area where rodents are present.	37.272537 ° -120.280500 °	37.272560 ° -120.280447 °	8
8	1.25	1.25	Supplemental	DWR Erosion Survey	WS	M	Inspector Comments: 2009: Scouring possible created by velocity and effects resulting from channel confinement of the bridge upstream; site recommended as local maintenance issue, per CLRO CES Evaluation 2008 Report; previously rated "M" [2009 SiteID:NA0013U3RM1.25]	37.272630 ° -120.280390 °	37.272630 ° -120.280390 °	2

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2009 Levee Inspection Results

Merced County Stream Group

Waterway			Bank	Unit Miles
Unit No. 04 Owens Creek Diversion			Left	1.44
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	3/12/2009		11/3/2009	
DWR Inspector	Herman Phillips		Herman Phillips	
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Unit No. 04 Owens Creek Diversion				Left	1.44	12/02/2009 12/02/2009	Herman Phillips

LMR No	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
1	0.13	1.03	Earthen Levee	Animal Control	LS	U	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows. 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
2	0.13	1.03	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	37.272967 ° -120.280057 °	37.262877 ° -120.287860 °	2
3	0.15	0.28	Supplemental	DWR Erosion Survey	WS	M	Inspector Comments: 2009: Site recommended as local maintenance issue, per CLRO CES Evaluation 2008 Report; previously rated "U" [2009 SiteID:NA0013U4RM0.21]	37.272283 ° -120.280869 °	37.272283 ° -120.280869 °	3
4	0.42	0.43	Supplemental	DWR Erosion Survey	WS	U	Inspector Comments: 2009: Site recommended as local maintenance issue, per CLRO CES Evaluation 2008 Report; terracetting damage from livestock traversing; there is a wooden platform installed on site; landside ground is same heights as levee crown; previously rated "M" [2009 SiteID:NA0013U4RM0.42]	37.270630 ° -120.283970 °	37.270630 ° -120.283970 °	4
5	0.47	0.47	Earthen Levee	Animal Control	CR	M	Exterminate rodents and backfill and compact or grout burrows.	37.270030 ° -120.284472 °	37.270030 ° -120.284472 °	968
6	0.61	0.63	Earthen Levee	Animal Control	CR	M	Exterminate rodents and backfill and compact or grout burrows.	37.268428 ° -120.285887 °	37.268142 ° -120.286112 °	6
7	0.72	0.79	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	37.267060 ° -120.286882 °	37.266215 ° -120.287595 °	969
8	0.84	1.02	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	37.265647 ° -120.287998 °	37.263080 ° -120.287820 °	970
9	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
10	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

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