

**Flood Control Project Maintenance
Levee Inspections**

Fall 2011 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR Erosion Survey

San Joaquin River Basin

RD2075	Overall LMA Rating	Total LMA Miles				
Reclamation District No. 2075 McMullin	M	7.52				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
<i>Earthen Levee</i>						
Vegetation	0.71		0.71	9.44%		
Trim / Thin Trees	0.04		0.04	0.53%		
Encroachments					0.52	
Crown Surface / Depressions / Rutting	0.01		0.01	0.13%		
<i>Supplemental</i>						
DWR Erosion Survey		0.01	0.04	0.53%		
<i>LMA Totals:</i>	0.76	0.01	0.80	10.64%	0.52	0.00

**Flood Control Project Maintenance
Levee Inspections
LMA District Cover Sheet
Fall 2011 Levee Inspection Results**

Reclamation District No. 2075 McMullin

	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 2011 Levee Inspection Results

Reclamation District No. 2075 McMullin

Waterway		Bank	Unit Miles
Unit No. 01 San Joaquin River		Right	7.52

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			M	
Date of Inspection	4/6/2011 - 4/6/2011		11/2/2011 - 11/2/2011	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	Mr. Eddie Cordoza Reclamation District 2075		Mr. Eddie Cordoza Reclamation District 2075	
	Lorin Hayworth		Lorin Hayworth	
			Mr. Lorin Hawyard RD 2075	

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, Suite 200
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 2075 McMullin

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector			
Unit No. 01 San Joaquin River				Right	7.52	11/02/2011 11/02/2011	Herman Phillips			
LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.05	0.05	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	37.748816 ° -121.289640 °	37.748816 ° 121.289640 °	183 Y
2	0.05	0.05	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	37.748816 ° -121.289640 °	37.748816 ° -121.289640 °	184 Y
3	0.12	0.25	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	37.748177 ° -121.289740 °	37.746334 ° -121.289547 °	179
4	0.12	0.16	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	37.748189 ° -121.289727 °	37.747503 ° -121.289412 °	180
5	0.94	1.39	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	37.740755 ° -121.281844 °	37.735316 ° -121.283129 °	181
6	1.02	1.09	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	37.739712 ° -121.281220 °	37.738819 ° -121.281777 °	182
7	1.11	1.16	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	37.738457 ° -121.281812 °	37.737835 ° -121.281708 °	1
8	1.19	1.20	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.737462 ° -121.281638 °	37.737322 ° -121.281563 °	3
9	1.26	1.44	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	37.736473 ° -121.281585 °	37.735173 ° -121.284033 °	4
10	1.32	1.32	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.735710 ° -121.282315 °	37.735710 ° -121.282315 °	5
11	1.41	1.41	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	37.735277 ° -121.283537 °	37.735277 ° -121.283537 °	6
12	2.32	2.32	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	37.731507 ° -121.293760 °	37.731507 ° -121.293760 °	7
13	2.73	2.73	Earthen Levee	Crown Surface / Depressions / Rutting	WS	M	Inspector Comments: This item was identified with an Unacceptable rating in the USACE PI report (MCMU_2009_a_0096). Reinspection on 12/2/10 revealed that repairs were made as indicated in the 11/8/10 letter from KSN, however new depressions present.	37.725810 ° -121.294645 °	37.725810 ° -121.294645 °	18 Y

<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable PO : Partially Obstructing N : Not Inspected, see Inspector Comment C : Corrected M : Minimally Acceptable CO : Completely Obstructing U : Unacceptable W : Watch/Monitor</p>
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Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 2075 McMullin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.52	11/02/2011 11/02/2011	Herman Phillips

LMIR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
14	5.34	5.35	Supplemental	DWR Erosion Survey	WS	U	Inspector Comments: 08/18/2011: No significant changes observed on site. Some new material added to the water side levee slope, but the added material is loose and seems not helping the levee protection. 10/05/2010: No significant changes observed on site. Levee slope has minimal vegetation and lacks rip rap protection. Sandy material found on the lower and middle slope is an undesirable material to have on a levee.08/05/2010: Recommended for annual assessment and monitoring during flood events, per CLRO.08/20/2009: No major change since last visit; site is located in an oxbow; slope surface consists of very sandy material; there is a tree on site leaning and with exposed tree roots; site is recommended as a local maintenance issue, per CLRO CES Evaluation 2008 Report; Eddy Cordoza from the district is aware of the site and is looking for recommendation; site is previously rated "U".08/17/2007: Site is close to an irrigation pump inlet. [2011 Site ID:RD2075U01RM64.34]	37.727933 ° -121.274491 °	37.727933 ° -121.274491 °	2 Y
15	5.62	5.62	Earthen Levee	Trim / Thin Trees	WS	N	Tree stumps.	37.724947 ° -121.271103 °	37.724947 ° -121.271103 °	8
16	6.52	6.55	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	37.717362 ° -121.258437 °	37.719107 ° -121.258697 °	9
17	6.68	6.87	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	37.717362 ° -121.258437 °	37.714633 ° -121.258737 °	10
18	6.93	7.00	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	37.714010 ° -121.259605 °	37.713777 ° -121.260675 °	11
19	7.01	7.01	Earthen Levee	Trim / Thin Trees	WS	N	Tree stumps.	37.713815 ° -121.260743 °	37.713815 ° -121.260743 °	12

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor	N : Not Inspected, see Inspector Comment C : Corrected
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.52	11/02/2011 11/02/2011	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.05
End Levee Mile	0.05
Location	Land Side
Category	Earthen Levee
Item	Vegetation
RD 2075 Looking downstream from levee mile 0.00 landside slope. Photo taken 11-02-2011.	
phillips_f_20111207_101.jpg	



Levee Mile Report Line	2
Start Levee Mile	0.05
End Levee Mile	0.05
Location	Water Side
Category	Earthen Levee
Item	Vegetation
RD 2075 Looking downstream from levee mile 0.05 waterside. Photo taken 11-02-2011.	
phillips_f_20111207_102.jpg	



Levee Mile Report Line	13
Start Levee Mile	2.73
End Levee Mile	2.73
Location	Water Side
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting
Photo taken from crown looking down waterside slope during 12/2/2010 reinspection. Repairs were made to depressions on levee slope as indicated in KSN letter. Since then, vehicular traffic has created new ruts in repaired area approximately 1 to 6 inches in depth.	
phillips_f_20111010_749.jpg	



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor	N : Not Inspected, see Inspector Comment C : Corrected
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Unit No. 01 San Joaquin River	Right	7.52	11/02/2011 11/02/2011	Herman Phillips

Levee Mile Report Line	13
Start Levee Mile	2.73
End Levee Mile	2.73
Location	Water Side
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting
<p>Photo taken during 12/2/10 reinspection from the waterside. Depressions from vehicle traffic made in previously repaired area.</p>	
<p>phillips_f_20111010_750.jpg</p>	



Levee Mile Report Line	14
Start Levee Mile	5.34
End Levee Mile	5.35
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey
<p>Looking upstream of the site towards the levee crown.</p>	
<p>SJR2011_RD2075U01RM64.34_1.jpg</p>	



Levee Mile Report Line	14
Start Levee Mile	5.34
End Levee Mile	5.35
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey
<p>Looking up to the levee crown at the added material.</p>	
<p>SJR2011_RD2075U01RM64.34_2.jpg</p>	



<p>* Location LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor</p>	<p>N : Not Inspected, see Inspector Comment C : Corrected</p>
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.52	11/02/2011 11/02/2011	Herman Phillips

Levee Mile Report Line	14
Start Levee Mile	5.34
End Levee Mile	5.35
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey
Looking upstream of the erosion site	
SJR2011_RD2075U01RM64.34_3.jpg	



Levee Mile Report Line	14
Start Levee Mile	5.34
End Levee Mile	5.35
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey
Looking downstream from the added material to the levee	
SJR2011_RD2075U01RM64.34_4.jpg	



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable PO : Partially Obstructing N : Not Inspected, see Inspector Comment C : Corrected M : Minimally Acceptable CO : Completely Obstructing U : Unacceptable W : Watch/Monitor</p>
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