

**Flood Control Project Maintenance
Levee Inspections
LMA District Cover Sheet
Spring 2013 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)				

** 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. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2013 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)				
Date of Inspection	03/21/2013 - 03/21/2013			
DWR Inspector	Herman Phillips			
Accompanied By	Eddie Cordoza RD 2075			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 2075 McMullin

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River		Right	7.52	03/21/2013 03/21/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1				Emergency Supplies & Equipment	LS	M Ma		°	°	7
								DWR ID: DWR_RD2075_01_s_2013_7		
2				Operations & Maintenance Manuals	LS	M Ma		°	°	17
								DWR ID: DWR_RD2075_01_s_2012_17		
3				Flood Preparedness & Training	LS	M Ma		°	°	19
								DWR ID: DWR_RD2075_01_s_2012_19		
4	0.05	0.05		Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: The slopes has been sprayed with weed killer, the dead brush has not been removed completely from the slopes. Good spray job.	37.748816 ° -121.289640 °	37.748816 ° 121.289640 °	183 Y
								DWR ID: DWR_RD2075_01_s_2012_183		
5	0.05	0.05		Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	37.748816 ° -121.289640 °	37.748816 ° -121.289640 °	184
								DWR ID: DWR_RD2075_01_s_2012_184		
6	0.09	0.18		Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	37.748629 ° -121.289760 °	37.747389 ° -121.289424 °	15
								DWR ID: DWR_RD2075_01_f_2012_15		
7	0.10	0.12		Vegetation	LS	C Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	37.748448 ° -121.289829 °	37.748142 ° -121.289733 °	18
								DWR ID: DWR_RD2075_01_f_2012_18		
8	0.12	0.16		Vegetation	LS	C Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	37.748189 ° -121.289727 °	37.747503 ° -121.289412 °	180
								DWR ID: DWR_RD2075_01_s_2012_180		
9	0.75	0.75		Encroachments	WS	M En	EQ : Equipment	37.742025 ° -121.284827 °	37.742025 ° -121.284827 °	13
								DWR ID: DWR_RD2075_01_s_2012_13		
10	0.85	1.39		Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	37.741576 ° -121.283021 °	37.735311 ° -121.283118 °	20
								DWR ID: DWR_RD2075_01_f_2012_20		
11	0.91	6.89		Vegetation	LS	C Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	37.741067 ° -121.282146 °	37.714452 ° -121.258861 °	21
								DWR ID: DWR_RD2075_01_f_2012_21		
12	1.02	1.09		Vegetation	WS	C Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	37.739712 ° -121.281220 °	37.738819 ° -121.281777 °	182
								DWR ID: DWR_RD2075_01_s_2012_182		
13	1.11	1.16		Encroachments	LS	C En	DT : Ditch	37.738457 ° -121.281812 °	37.737835 ° -121.281708 °	1
								DWR ID: DWR_RD2075_01_s_2012_1		

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 2075 McMullin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.52	03/21/2013 03/21/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
14	1.19	1.20		Trim / Thin Trees	LS	C Ma	T1 : Trim trees to at least five feet above ground level.	37.737462 ° -121.281638 °	37.737322 ° -121.281563 °	3
DWR ID: DWR_RD2075_01_s_2012_3										
15	1.26	1.44		Encroachments	LS	M En	DT : Ditch	37.736473 ° -121.281585 °	37.735173 ° -121.284033 °	4
DWR ID: DWR_RD2075_01_s_2012_4										
16	1.32	1.32		Trim / Thin Trees	LS	C Ma	T1 : Trim trees to at least five feet above ground level.	37.735710 ° -121.282315 °	37.735710 ° -121.282315 °	5
DWR ID: DWR_RD2075_01_s_2012_5										
17	1.38	6.89		Vegetation	LS	C Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	37.735366 ° -121.282964 °	37.714453 ° -121.258860 °	23
DWR ID: DWR_RD2075_01_f_2012_23										
18	1.38	1.68		Vegetation	WS	C Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	37.735386 ° -121.282983 °	37.734282 ° -121.288120 °	22
DWR ID: DWR_RD2075_01_f_2012_22										
19	1.41	1.41		Trim / Thin Trees	WS	C Ma	T1 : Trim trees to at least five feet above ground level.	37.735277 ° -121.283537 °	37.735277 ° -121.283537 °	6
DWR ID: DWR_RD2075_01_s_2012_6										
20	2.13	2.19		Vegetation	WS	C Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	37.734397 ° -121.294229 °	37.733439 ° -121.294031 °	24
DWR ID: DWR_RD2075_01_f_2012_24										
21	5.09	6.89		Vegetation	LS	C Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	37.728912 ° -121.275314 °	37.714455 ° -121.258861 °	25
DWR ID: DWR_RD2075_01_f_2012_25										
22	5.34	5.35	Supplemental	DWR Erosion Survey	WS	M Ma	Inspector Comments: 09/13/2012: No significant changes observed on site. 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. [2012 Site ID:RD2075U01RM64.34]	37.727933 ° -121.274491 °	37.727933 ° -121.274491 °	2 Y
DWR ID: DWR_RD2075_01_s_2013_2										
23	5.62	5.62		Trim / Thin Trees	WS	C Ma	T5 : Tree stumps.	37.724947 ° -121.271103 °	37.724947 ° -121.271103 °	8
DWR ID: DWR_RD2075_01_s_2012_8										

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LMIR No.	Levee Mile		Category	Item	* Location	+ Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
24	6.52	6.55	Encroachments	LS	M	DT : Ditch En	37.717362 ° -121.258437 °	37.719107 ° -121.258697 °	9	
DWR ID: DWR_RD2075_01_s_2012_9										
25	6.68	6.87	Encroachments	LS	M	DT : Ditch En	37.717362 ° -121.258437 °	37.714633 ° -121.258737 °	10	
DWR ID: DWR_RD2075_01_s_2012_10										
26	6.93	7.00	Encroachments	LS	M	DT : Ditch En	37.714010 ° -121.259605 °	37.713777 ° -121.260675 °	11	
DWR ID: DWR_RD2075_01_s_2012_11										
27	7.01	7.01	Trim / Thin Trees	WS	C	T5 : Tree stumps. Ma	37.713815 ° -121.260743 °	37.713815 ° -121.260743 °	12	
DWR ID: DWR_RD2075_01_s_2012_12										

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Unit No. 01 San Joaquin River	Right	7.52	03/21/2013 03/21/2013	Herman Phillips

Levee Mile Report Line	4
Start Levee Mile	0.05
End Levee Mile	0.05
Location	Land Side
Category	
Item	Vegetation
RD 2075 at levee mile 0.00 looking downstream landside. Photo taken 10-09-2012.	
phillips_s_20130228_247.jpg	



Levee Mile Report Line	4
Start Levee Mile	0.05
End Levee Mile	0.05
Location	Land Side
Category	
Item	Vegetation
RD 2075 Looking downstream of the landside slope levee mile 0.05. Photo taken 3-21-2013.	
phillips_s_20130513_424.JPG	



Levee Mile Report Line	22
Start Levee Mile	5.34
End Levee Mile	5.35
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey
Looking upstream of the site .	
phillips_s_20130228_243.jpg	



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Unit No. 01 San Joaquin River	Right	7.52	03/21/2013 03/21/2013	Herman Phillips

Levee Mile Report Line	22
Start Levee Mile	5.34
End Levee Mile	5.35
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey
Looking up to the levee crown at the added material.	
phillips_s_20130228_244.jpg	



Levee Mile Report Line	22
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	
phillips_s_20130228_245.jpg	



Levee Mile Report Line	22
Start Levee Mile	5.34
End Levee Mile	5.35
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey
Direct look at the levee slope.	
phillips_s_20130228_246.jpg	



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