

**Flood Control Project Maintenance
Levee Inspections**

Fall 2012 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

RD0369	Overall LMA Rating	Total LMA Miles						
Reclamation District No. 0369 Libby McNeil	U	0.80						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.67		0.67	83.75%	0.03			
Trim / Thin Trees	0.01		0.01	1.25%				
Encroachments					0.79			
Operations & Maintenance Manuals	0.01		0.01	1.25%				
Emergency Supplies & Equipment	0.01		0.01	1.25%				
Flood Preparedness & Training	0.01		0.01	1.25%				
<i>LMA Totals:</i>	0.70	0.00	0.70	87.50%	0.82	0.00	0.00	0.00

**Flood Control Project Maintenance
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LMA District Cover Sheet
Fall 2012 Levee Inspection Results

Reclamation District No. 0369 Libby McNeil

	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 2012 Levee Inspection Results

Reclamation District No. 0369 Libby McNeil

Waterway			Bank	Unit Miles
Unit No. 01 Steamboat Slough			Left	0.80
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	03/15/2012 - 03/15/2012		09/20/2012 - 09/20/2012	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	Clarence Chu Reclamation 369		Clarence Chu Reclamation 369	

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
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Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0369 Libby McNeil

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Steamboat Slough							Left	0.80	09/20/2012 09/20/2012	Herman Phillips	
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.	
	Start	End						Start	End	Photo	
1			Earthen Levee	Operations & Maintenance Manuals	LS	M Ma		°	°	18	
									°	°	
								DWR ID: DWR_RD0369_01_s_2012_18			
2			Earthen Levee	Emergency Supplies & Equipment	LS	M Ma		°	°	19	
									°	°	
								DWR ID: DWR_RD0369_01_s_2012_19			
3			Earthen Levee	Flood Preparedness & Training	LS	M Ma		°	°	22	
									°	°	
								DWR ID: DWR_RD0369_01_f_2012_22			
4	0.00	0.00	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.258904 °	38.258904 °	1	
								-121.517904 °	-121.517904 °	Y	
								DWR ID: DWR_RD0369_01_s_2012_1			
5	0.00	0.00	Earthen Levee	Vegetation	LS	A Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.258904 °	38.258904 °	5	
								-121.517904 °	-121.517904 °	Y	
								DWR ID: DWR_RD0369_01_s_2012_5			
6	0.03	0.06	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.258583 °	38.258246 °	20	
								-121.517550 °	-121.517082 °		
								DWR ID: DWR_RD0369_01_s_2012_20			
7	0.07	0.09	Earthen Levee	Encroachments	LS	C En	FE : Fence	38.258126 °	38.258009 °	32	
								-121.516839 °	-121.516656 °		
								DWR ID: DWR_RD0369_01_s_2012_32			
8	0.10	0.12	Earthen Levee	Vegetation	LS	M En	V6 : Landscaping	38.257865 °	38.257695 °	4	
								-121.516455 °	-121.516237 °		
								DWR ID: DWR_RD0369_01_s_2012_4			
9	0.11	0.12	Earthen Levee	Trim / Thin Trees	LS	M Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.257794 °	38.257782 °	6	
								-121.516381 °	-121.516310 °		
								DWR ID: DWR_RD0369_01_s_2012_6			
10	0.17	0.55	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.257210 °	38.252970 °	7	
								-121.515520 °	-121.511311 °		
								DWR ID: DWR_RD0369_01_f_2012_7			
11	0.21	0.23	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.256836 °	38.256653 °	8	
								-121.515077 °	-121.514793 °		
								DWR ID: DWR_RD0369_01_f_2012_8			
12	0.32	0.73	Earthen Levee	Encroachments	LS	M En	FE : Fence	38.255719 °	38.250537 °	10	
								-121.513737 °	-121.510306 °		
								DWR ID: DWR_RD0369_01_s_2012_10			
13	0.40	0.60	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.254824 °	38.252157 °	9	
								-121.512775 °	-121.511010 °		
								DWR ID: DWR_RD0369_01_f_2012_9			
14	0.56	0.68	Earthen Levee	Encroachments	WS	M En	FE : Fence Inspector Comments: This fence is located within the waterward shoulder.	38.252708 °	38.251217 °	11	
								-121.511262 °	-121.510433 °		
								DWR ID: DWR_RD0369_01_s_2012_11			

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0369 Libby McNeil

Waterway					Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough					Left	0.80	09/20/2012 09/20/2012	Herman Phillips

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
15	0.60	0.61	Earthen Levee	Encroachments	LS	M En	BU : Building	38.252157 ° -121.511010 °	38.252087 ° -121.510957 °	12
DWR ID: DWR_RD0369_01_s_2012_12										
16	0.66	0.67	Earthen Levee	Encroachments	LS	M En	BU : Building	38.251447 ° -121.510627 °	38.251278 ° -121.510547 °	13
DWR ID: DWR_RD0369_01_s_2012_13										
17	0.67	0.69	Earthen Levee	Encroachments	LS	M En	BU : Building	38.251342 ° -121.510417 °	38.251147 ° -121.510352 °	3
DWR ID: DWR_RD0369_01_s_2012_3										
18	0.68	0.78	Earthen Levee	Encroachments	WS	M En	BU : Building	38.251200 ° -121.510512 °	38.249778 ° -121.510022 °	14
DWR ID: DWR_RD0369_01_f_2012_14										
19	0.69	0.75	Earthen Levee	Encroachments	LS	M En	BU : Building	38.251012 ° -121.510292 °	38.250215 ° -121.509992 °	2
DWR ID: DWR_RD0369_01_s_2012_2										
20	0.69	0.70	Earthen Levee	Encroachments	LS	M En	FE : Fence	38.250988 ° -121.510355 °	38.250910 ° -121.510228 °	15
DWR ID: DWR_RD0369_01_s_2012_15										
21	0.72	0.77	Earthen Levee	Encroachments	LS	M En	BU : Building	38.250597 ° -121.510242 °	38.249925 ° -121.510083 °	16
DWR ID: DWR_RD0369_01_s_2012_16										
22	0.76	0.77	Earthen Levee	Vegetation	LS	M En	V6 : Landscaping	38.250113 ° -121.510105 °	38.249915 ° -121.510080 °	17
DWR ID: DWR_RD0369_01_s_2012_17										
23	0.77	0.80	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.249778 ° -121.510020 °	38.249368 ° -121.510040 °	21
DWR ID: DWR_RD0369_01_f_2012_21										

*** 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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Left	0.80	09/20/2012 09/20/2012	Herman Phillips

Levee Mile Report Line	4
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Water Side
Category	Earthen Levee
Item	Vegetation

RD 369 looking downstream water side slope levee mile 0.00. Photo taken 9-20-2012.

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Levee Mile Report Line	5
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation

RD 369 looking downstream from levee mile 0.00. Photo taken 9-20-2012

phillips_f_20120924_353.jpg



* 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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