

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2013 Levee Maintenance Deficiency Summary Report**

**Overall LMA & Unit Ratings, including USACE Erosion Survey**

***Sacramento River Basin***

<b>RD0369</b>	Overall LMA Rating	Total LMA Miles						
<b>Reclamation District No. 0369 Libby McNeil</b>	<b>A</b>	<b>0.80</b>						
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	0.03		0.03	3.75%	0.02			
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>	0.05	0.00	0.05	6.25%	0.81	0.00	0.00	0.00

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

\*\* 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**

**Fall 2013 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)			<b>A</b>	
Date of Inspection	03/20/2013 - 03/20/2013		11/14/2013 - 11/14/2013	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	Clarence Chu RD 369		Clarence Chu RD 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  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0369 Libby McNeil**

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Steamboat Slough						Left	0.80	11/14/2013 11/14/2013	Herman Phillips	
LMR No.	Levee Mile		Category	Item	Location * + Rating	Action/Comment	GPS Latitude/Longitude		Issue No.	Photo
	Start	End					Start	End		
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	0.58	Earthen Levee	Vegetation	WSA/W Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.258904 ° -121.517904 °	38.252708 ° -121.511260 °	1 Y	
DWR ID: DWR_RD0369_01_s_2012_1										
5	0.01	0.02	Earthen Levee	Vegetation	WS C Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.258902 ° -121.517683 °	38.258698 ° -121.517650 °	5	
DWR ID: DWR_RD0369_01_s_2013_5										
6	0.03	0.06	Earthen Levee	Vegetation	WS C Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.258583 ° -121.517550 °	38.258246 ° -121.517082 °	20	
DWR ID: DWR_RD0369_01_s_2012_20										
7	0.10	0.12	Earthen Levee	Vegetation	LS M En	V6 : Landscaping	38.257865 ° -121.516455 °	38.257695 ° -121.516237 °	4	
DWR ID: DWR_RD0369_01_s_2012_4										
8	0.16	0.26	Earthen Levee	Vegetation	WS C Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.257399 ° -121.515599 °	38.256352 ° -121.514358 °	23	
DWR ID: DWR_RD0369_01_s_2013_23										
9	0.32	0.73	Earthen Levee	Encroachments	LS M En	FE : Fence	38.255719 ° -121.513737 °	38.250537 ° -121.510306 °	10	
DWR ID: DWR_RD0369_01_s_2012_10										
10	0.56	0.68	Earthen Levee	Encroachments	WS M En	FE : Fence Inspector Comments: This fence is located within the waterward shoulder.	38.252708 ° -121.511262 °	38.251217 ° -121.510433 °	11	
DWR ID: DWR_RD0369_01_s_2012_11										
11	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										
12	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										
13	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										
14	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										

**\* 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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0369 Libby McNeil**

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough						Left	0.80	11/14/2013 11/14/2013	Herman Phillips

  

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
15	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										
16	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										
17	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										
18	0.76	0.77	Earthen Levee	Vegetation	LS	C En	V6 : Landscaping	38.250113 ° -121.510105 °	38.249915 ° -121.510080 °	17
DWR ID: DWR_RD0369_01_s_2012_17										
19	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										

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**Reclamation District No. 0369 Libby McNeil**

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Unit No. 01 Steamboat Slough	Left	0.80	11/14/2013 11/14/2013	Herman Phillips

Levee Mile Report Line	4
Start Levee Mile	0.00
End Levee Mile	0.58
Location	Water Side
Category	Earthen Levee
Item	Vegetation

RD 369 Looking downstream from levee mile 0.00 The goats has done a good job of removing the unwanted weed growth form the levee slope. Photo taken 11-14-2013.

phillips\_f\_20131125\_698.JPG



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