

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2013 Levee Maintenance Deficiency Summary Report**

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

**Sacramento River Basin**

RD0554 Reclamation District No. 0554 Walnut Grove	Overall LMA Rating	Total LMA Miles						
	<b>U</b>	<b>1.09</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	0.20		0.20	18.35%				
Encroachments	0.01		0.01	0.92%	0.01			
Emergency Supplies & Equipment	0.01		0.01	0.92%				
<i>Supplemental</i>								
USACE Erosion Survey	0.09		0.09	8.26%				
<i>LMA Totals:</i>	0.31	0.00	0.31	28.44%	0.01	0.00	0.00	0.00

**Flood Control Project Maintenance  
Levee Inspections  
LMA District Cover Sheet  
Fall 2013 Levee Inspection Results**

**Reclamation District No. 0554 Walnut Grove**

	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. 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. 0554 Walnut Grove**

Waterway	Bank	Unit Miles
Unit No. 01 Sacramento River	Left	1.09

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>U</b>	
Date of Inspection	04/10/2013 - 04/10/2013		10/29/2013 - 10/29/2013	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	Gilbert Labrie DCC Engineering Co, Inc		Gilbert Labrie DCC Engineering Co, Inc	

**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. 0554 Walnut Grove**

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector		
Unit No. 01 Sacramento River				Left	1.09	10/29/2013 10/29/2013	Herman Phillips		
LMIR No.	Levee Mile		Category	Item	Location * + Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End					Start	End	
1			Earthen Levee	Emergency Supplies & Equipment	WS Ma				3
							DWR ID: DWR_RD0554_01_s_2012_3		
2			Earthen Levee	Flood Preparedness & Training	WS Ma				8
							DWR ID: DWR_RD0554_01_s_2012_8		
3			Earthen Levee	Operations & Maintenance Manuals	WS Ma				9
							DWR ID: DWR_RD0554_01_s_2012_9		
4	0.00	0.00	Earthen Levee	Vegetation	LS Ma	V1 : Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Looking at the landside slope the vegetation complies with standards but should be monitored and maintained.	38.247774 ° -121.509817 °	38.247774 ° -121.509817 °	11 Y
							DWR ID: DWR_RD0554_01_f_2013_11		
5	0.12	0.12	Earthen Levee	Vegetation	WS Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Vegetation present beyond the bridge crossing on the water side levee slopes. Should be maintained.	38.247774 ° -121.509817 °	38.247774 ° -121.509817 °	12 Y
							DWR ID: DWR_RD0554_01_f_2013_12		
6	0.25	0.34	Supplemental	USACE Erosion Survey	WS Ma	Inspector Comments: 2009 - Tension cracks on road on top of levee. Erosion into the levee slope and mass failure. 2012: No observed change. [2012 Site ID: SAC_27-0_L]	38.246222 ° -121.510878 °	38.245017 ° -121.511740 °	2 Y
							DWR ID:		
7	0.28	0.34	Earthen Levee	Vegetation	WS Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.245724 ° -121.510987 °	38.244974 ° -121.511540 °	1
							DWR ID: DWR_RD0554_01_f_2013_1		
8	0.32	0.32	Earthen Levee	Encroachments	WS Ma	TR : Tree or limb	38.245152 ° -121.511435 °	38.245152 ° -121.511435 °	7
							DWR ID: DWR_RD0554_01_f_2012_7		
9	0.63	0.80	Earthen Levee	Vegetation	WSA/W Ma	V8 : Environmental Requirements.	38.241503 ° -121.514579 °	38.239527 ° -121.516441 °	4
							DWR ID: DWR_RD0554_01_s_2012_4		
10	0.73	0.75	Earthen Levee	Vegetation	WS Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.240332 ° -121.515786 °	38.240166 ° -121.515952 °	5
							DWR ID: DWR_RD0554_01_f_2013_5		
11	0.93	1.04	Earthen Levee	Vegetation	WS Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.237626 ° -121.516863 °	38.236188 ° -121.516907 °	10
							DWR ID: DWR_RD0554_01_f_2013_10		
12	0.97	0.97	Earthen Levee	Encroachments	WS En	BU : Building	38.237108 ° -121.516743 °	38.237108 ° -121.516743 °	6
							DWR ID: DWR_RD0554_01_s_2012_6		

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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. 0554 Walnut Grove**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.09	10/29/2013 10/29/2013	Herman Phillips

Levee Mile Report Line	4
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation
RD 554 Looking downstream from levee mile 0.00 landside slope, Delta cross canal bridge in background. Photo taken 10-29-2013.	
phillips_f_20131029_670.JPG	



Levee Mile Report Line	5
Start Levee Mile	0.12
End Levee Mile	0.12
Location	Water Side
Category	Earthen Levee
Item	Vegetation
RD 554 Standing at levee mile 0.12 landward looking across River Road at water side levee slope downstream. The Delta Cross Canal bridge crossing in back ground. Photo taken 10-29-2013.	
phillips_f_20131029_671.JPG	



Levee Mile Report Line	6
Start Levee Mile	0.25
End Levee Mile	0.34
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #1	
USACE2013_SAC_27-0_L_1.jpg	



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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. 0554 Walnut Grove**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.09	10/29/2013 10/29/2013	Herman Phillips

Levee Mile Report Line	6
Start Levee Mile	0.25
End Levee Mile	0.34
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #2	
USACE2013_SAC_27-0_L_2.jpg	



Levee Mile Report Line	6
Start Levee Mile	0.25
End Levee Mile	0.34
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #3	
USACE2013_SAC_27-0_L_3.jpg	



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