

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

Reclamation District No. 0341 Sherman Island

	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. 0341 Sherman Island

Waterway		Bank	Unit Miles
Unit No. 01 Threemile Slough		Right	3.34

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	03/19/2013 - 03/19/2013			
DWR Inspector	Herman Phillips			
Accompanied By	Joel Mc Elroy RD 341			

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. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.34	03/19/2013 03/19/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	* Location	+ Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1				Operations & Maintenance Manuals	WS	A Ma		°	°	4
DWR ID: DWR_RD0341_01_s_2013_4										
2				Emergency Supplies & Equipment	WS	A Ma		°	°	5
DWR ID: DWR_RD0341_01_s_2013_5										
3				Flood Preparedness & Training	WS	A Ma		°	°	6
DWR ID: DWR_RD0341_01_s_2013_6										
4	0.00	0.00		Vegetation	LS	A Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.085533 ° -121.686460 °	38.085533 ° -121.686460 °	1 Y
DWR ID: DWR_RD0341_01_s_2013_1										
5	0.00	0.00		Vegetation	WS	A Ma	V1 : Control annual grass and weeds on the levee slopes and easements. Inspector Comments: The District will be spraying the bamboo shown here along the rock line this Spring 2013.	38.085533 ° -121.686460 °	38.085533 ° -121.686460 °	3 Y
DWR ID: DWR_RD0341_01_s_2013_3										

* 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. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.34	03/19/2013 03/19/2013	Herman Phillips

Levee Mile Report Line	4
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	
Item	Vegetation
RD 341 L/M 0.00 Looking downstream landside. Photo taken 3-19-2013.	
phillips_s_20130325_346.JPG	



Levee Mile Report Line	5
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Water Side
Category	
Item	Vegetation
RD 341 Standing at levee mile 0.00 looking downstream waterside. Photo taken 3-19-2013.	
phillips_s_20130325_347.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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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2013 Levee Inspection Results

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles
Unit No. 02 Sacramento River	Left	6.28

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	03/13/2013 - 03/13/2013			
DWR Inspector	Herman Phillips			
Accompanied By	Mr. Joel McElroy RD 341			

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).

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**Flood Control Project Maintenance
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Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	03/13/2013 03/13/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	3.34	3.34		Vegetation	WS Ma	A	V1 : Control annual grass and weeds on the levee slopes and easements.	38.105209 ° -121.702210 °	38.105209 ° -121.702210 °	9 Y
DWR ID: DWR_RD0341_02_s_2013_9										
2	4.15	4.19	Supplemental	USACE Erosion Survey	WS Ma	M	Inspector Comments: 2011 - Large new erosion pocket probably hidden by vegetation in the past. 2012: No observed change. [2012 Site ID: SAC_8-2_L]	38.095148 ° -121.706367 °	38.094590 ° -121.706393 °	4 Y
DWR ID: DWR_RD0341_02_s_2013_4										
3	4.46	5.04		Vegetation	WS Ma	M	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.090363 ° -121.706227 °	38.083138 ° -121.711478 °	1
DWR ID: DWR_RD0341_02_f_2012_1										
4	4.52	4.60	Supplemental	USACE Erosion Survey	WS Ma	U	Inspector Comments: 1999 - New small slump in eroded bank. 2005 - Reach extended because of vertical bank along the roadway upstream. 2011 - More slumping since last year. 2012: Site upgraded to critical. Very steep slope which may be effecting the highway on top of the levee. [2012 Site ID: SAC_8-0_L]	38.090620 ° -121.706684 °	38.088572 ° -121.707127 °	5 Y
DWR ID: DWR_RD0341_02_s_2013_5										
5	4.73	4.81	Supplemental	USACE Erosion Survey	WS Ma	U	Inspector Comments: 2011 - Large slump section 2012: Site extended downstream, upgrade to critical, severe windwave. Slope is very steep and may be effecting the highway on top of the levee. [2012 Site ID: SAC_7-9_L]	38.086603 ° -121.707786 °	38.085459 ° -121.708607 °	7 Y
DWR ID: DWR_RD0341_02_s_2013_7										
6	5.25	5.86		Vegetation	WS Ma	M	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.082194 ° -121.715246 °	38.080228 ° -121.726459 °	2
DWR ID: DWR_RD0341_02_f_2012_2										
7	5.96	6.09	Supplemental	USACE Erosion Survey	WS Ma	U	Inspector Comments: 2011 - Large slump at downstream end. Gully formed from surface runoff from the road. Shallow slumping throughout site. 2012: The gully at upstream end has increased in size and site continues to worsen. [2012 Site ID: SAC_7-3_L]	38.080370 ° -121.728341 °	38.080526 ° -121.730483 °	8 Y
DWR ID: DWR_RD0341_02_s_2013_8										
8	6.32	7.00		Vegetation	WS Ma	M	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.082266 ° -121.730401 °	38.078770 ° -121.744280 °	3
DWR ID: DWR_RD0341_02_f_2012_3										
9	7.92	8.10		Encroachments	LS En	M	FE : Fence	38.073268 ° -121.759500 °	38.072275 ° -121.762510 °	6
DWR ID: DWR_RD0341_02_s_2012_6										

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Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

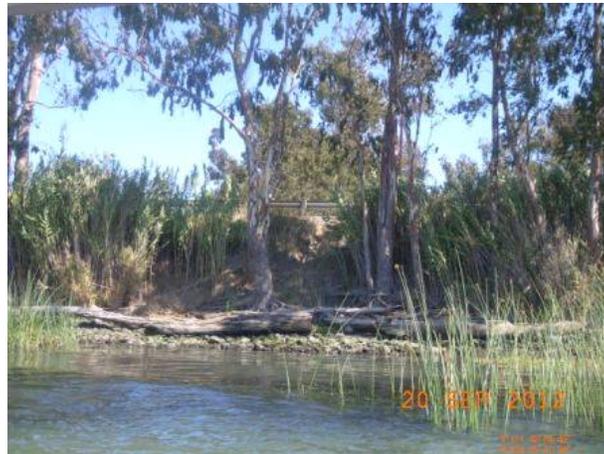
Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	03/13/2013 03/13/2013	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	3.34
End Levee Mile	3.34
Location	Water Side
Category	
Item	Vegetation
RD 341 Looking downstream from levee mile 3.34 waterside levee section. Photo taken 3-19-2013.	
phillips_s_20130404_366.JPG	



Levee Mile Report Line	2
Start Levee Mile	4.15
End Levee Mile	4.19
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #1	
phillips_s_20130228_073.jpg	



Levee Mile Report Line	4
Start Levee Mile	4.52
End Levee Mile	4.60
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #1	
phillips_s_20130228_074.jpg	



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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	03/13/2013 03/13/2013	Herman Phillips

Levee Mile Report Line	4
Start Levee Mile	4.52
End Levee Mile	4.60
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #2	
phillips_s_20130228_075.jpg	



Levee Mile Report Line	4
Start Levee Mile	4.52
End Levee Mile	4.60
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #3	
phillips_s_20130228_076.jpg	



Levee Mile Report Line	4
Start Levee Mile	4.52
End Levee Mile	4.60
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #4	
phillips_s_20130228_077.jpg	



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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	03/13/2013 03/13/2013	Herman Phillips

Levee Mile Report Line	5
Start Levee Mile	4.73
End Levee Mile	4.81
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #1	
phillips_s_20130228_078.jpg	



Levee Mile Report Line	5
Start Levee Mile	4.73
End Levee Mile	4.81
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #2	
phillips_s_20130228_079.jpg	



Levee Mile Report Line	7
Start Levee Mile	5.96
End Levee Mile	6.09
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #1	
phillips_s_20130228_080.jpg	



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Unit No. 02 Sacramento River	Left	6.28	03/13/2013 03/13/2013	Herman Phillips

Levee Mile Report Line	7
Start Levee Mile	5.96
End Levee Mile	6.09
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #2	
phillips_s_20130228_081.jpg	



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