

**Flood Control Project Maintenance
Levee Inspections**

Fall 2014 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

ST0008		Overall LMA Rating	Total LMA Miles						
Sacramento Maintenance Yard		A	3.52						
Sacramento Bypass									
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>									
Encroachments					0.01				
<i>Supplemental</i>									
DWR UCIP Field Study					0.02				
<i>LMA Totals:</i>		0.00	0.00	0.00	0.00%	0.03	0.00	0.00 0.00	
Unit No. 01 Sacramento Bypass or North Levee RB		Overall Unit Rating	Total Unit Miles						
ST0008		A	1.74						
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>Supplemental</i>									
DWR UCIP Field Study					0.02				
<i>Unit Totals:</i>		0.00	0.00	0.00	0.00%	0.02	0.00	0.00 0.00	
Unit No. 02 Sacramento Bypass or South Levee LB		Overall Unit Rating	Total Unit Miles						
ST0008		A	1.79						
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>									
Encroachments					0.01				
<i>Unit Totals:</i>		0.00	0.00	0.00	0.00%	0.01	0.00	0.00 0.00	

**Flood Control Project Maintenance
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LMA District Cover Sheet
Fall 2014 Levee Inspection Results

Sacramento Maintenance Yard Sacramento Bypass

	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 2014 Levee Inspection Results

Sacramento Maintenance Yard Sacramento Bypass

Waterway		Bank	Unit Miles	
Unit No. 01 Sacramento Bypass or North Levee		Right	1.74	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	03/12/2014 - 03/12/2014		10/30/2014 - 10/30/2014	
DWR Inspector	John Williamson		Clay Thomas	
Accompanied By	Casey Lund Sacramento Maintenance Yard		Casey Lund Sacramento Maintenance Yard	

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 2014

Sacramento Maintenance Yard Sacramento Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento Bypass or North Levee	Right	1.74	10/30/2014 10/30/2014	Clay Thomas

LM Start		Rating **	A	Issue No.	3
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals		°	°	°
DWR ID	DWR_ST0008_01_s_2013_3				
Action/Comments					
Inspector Comments: The Sacramento Maintenance Yard has levee manuals.					

No Photos

LM Start		Rating **	A	Issue No.	4
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment		°	°	°
DWR ID	DWR_ST0008_01_s_2013_4				
Action/Comments					
Inspector Comments: The Sacramento Maintenance Yard maintains a stockpile of flood response material.					

No Photos

LM Start		Rating **	A	Issue No.	5
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training		°	°	°
DWR ID	DWR_ST0008_01_s_2013_5				
Action/Comments					
Inspector Comments: The Sacramento Yard has a written response plan and regular flood response training.					

No Photos

* Location LS : Land Side N/A : Not Applicable 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 - Fall 2014

Sacramento Maintenance Yard Sacramento Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento Bypass or North Levee	Right	1.74	10/30/2014 10/30/2014	Clay Thomas

LM Start	0.00	Rating **	A	Issue No.	6
LM End	1.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		°	°	
DWR ID	DWR_ST0008_01_f_2014_6				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 2 : FA_2014_ST0008_284_6_20141106_00002.jpg



Levee mile 0.05, vegetation on the water side levee slope. Fall 2014.

LM Start	0.00	Rating **	A	Issue No.	6 (cont)
LM End	1.73	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA_2014_ST0008_284_6_20141106_00003.jpg



Levee mile 0.05, vegetation on the land side levee slope. Fall 2014.

LM Start	1.14	Rating **	M	Issue No.	1
LM End	1.14	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.602180 °	38.602180 °	
			-121.579130 °	-121.579130 °	
DWR ID	DWR_ST0008_01_f_2014_1				
Action/Comments					
Inspector Comments: FS_ID:12703 EP_NO: 13616 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: After more investigation depressions are from water run off. erosion repair needed					

No Photos

* Location LS : Land Side N/A : Not Applicable 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

Fall 2014 Levee Inspection Results

Sacramento Maintenance Yard Sacramento Bypass

Waterway		Bank	Unit Miles	
Unit No. 02 Sacramento Bypass or South Levee		Left	1.79	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	03/12/2014 - 03/12/2014		10/30/2014 - 10/30/2014	
DWR Inspector	John Williamson		Clay Thomas	
Accompanied By	Casey Lund Sacramento Maintenance Yard		Casey Lund Sacramento Maintenance Yard	

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Levee Inspection Report By Mile - Fall 2014

Sacramento Maintenance Yard Sacramento Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento Bypass or South Levee	Left	1.79	10/30/2014 10/30/2014	Clay Thomas

LM Start	0.00	Rating **	A	Issue No.	2
LM End	1.78	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation			°	°
				°	°
DWR ID	DWR_ST0008_02_f_2014_2				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 2 : FA_2014_ST0008_285_2_20141106_00003.jpg



Levee mile 1.00, vegetation controlled on land side levee slope. Fall 2014.

LM Start	0.00	Rating **	A	Issue No.	2 (cont)
LM End	1.78	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA_2014_ST0008_285_2_20141106_00004.jpg



Levee mile 1.00, vegetation controlled on water side levee slope. Fall 2014.

LM Start	1.76	Rating **	M	Issue No.	5
LM End	1.76	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.594777	°	38.594777
			-121.586525	°	-121.586525
DWR ID	DWR_ST0008_02_f_2013_5				
Action/Comments					
Prunings Inspector Comments: This is a seasonal pile but gets burned by the maintenance division each year.					

Photo 1 of 2 : FA_2014_ST0008_285_5_20141014_00001.jpg



This is this years pile of brush and will be burned by the maintenance yard. Spring 2014

* Location LS : Land Side N/A : Not Applicable 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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