

**Flood Control Project Maintenance
Levee Inspections
LMA District Cover Sheet
Spring 2012 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)				

** 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

Spring 2012 Levee Inspection Results

Sacramento Maintenance Yard Sacramento Bypass

Waterway	Bank	Unit Miles
Unit No. 01 Sacramento Bypass or North Levee	Right	1.73

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/23/2012 - 3/23/2012			
DWR Inspector	John Williamson			
Accompanied By	Casey Lund Sac maint			

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 2012

Sacramento Maintenance Yard Sacramento Bypass

Waterway			Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento Bypass or North Levee			Right	1.73	03/23/2012 03/23/2012	John Williamson

LMIR No.	Levee Mile		Category	Item	* Location	+ Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.38	0.38	Earthen Levee	Encroachments	WS	M En	DE : Debris	38.605075 ° -121.566400 °	38.605075 ° -121.566400 °	9 Y
DWR ID: DWR_ST0008_01_s_2012_9										
2	0.40	1.36	Earthen Levee	Vegetation	LS	M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.604965 ° -121.566795 °	38.600947 ° -121.583560 °	10 Y
DWR ID: DWR_ST0008_01_s_2012_10										
3	0.40	1.43	Earthen Levee	Vegetation	WS	M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.604965 ° -121.566795 °	38.600587 ° -121.584882 °	11 Y
DWR ID: DWR_ST0008_01_s_2012_11										
4	0.46	0.46	Earthen Levee	Slope Stability	LS	M Ma	S1 : Repair slope instability.	38.604712 ° -121.567738 °	38.604712 ° -121.567738 °	12 Y
DWR ID: DWR_ST0008_01_s_2012_12										

* 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 2012

Sacramento Maintenance Yard Sacramento Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento Bypass or North Levee	Right	1.73	03/23/2012 03/23/2012	John Williamson

Levee Mile Report Line	1
Start Levee Mile	0.38
End Levee Mile	0.38
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Photo taken spring 2012, trash and debris at toe of waterside levee.	
johngw_s_20120326_615.jpg	



Levee Mile Report Line	2
Start Levee Mile	0.40
End Levee Mile	1.36
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Photo taken spring 2012, grasses are taller than 12".	
johngw_s_20120326_617.jpg	



Levee Mile Report Line	3
Start Levee Mile	0.40
End Levee Mile	1.43
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Photo taken spring 2012, grasses are taller than 12".	
johngw_s_20120326_616.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**

Levee Inspection Report By Mile - Spring 2012

Sacramento Maintenance Yard Sacramento Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento Bypass or North Levee	Right	1.73	03/23/2012 03/23/2012	John Williamson

Levee Mile Report Line	4
Start Levee Mile	0.46
End Levee Mile	0.46
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

Photo taken spring 2012, a bulge near the toe of the levee slope.

johngw_s_20120326_618.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 2012 Levee Inspection Results

Sacramento Maintenance Yard Sacramento Bypass

Waterway	Bank	Unit Miles
Unit No. 02 Sacramento Bypass or South Levee	Left	1.78

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/23/2012 - 3/23/2012			
DWR Inspector	John Williamson			
Accompanied By	Casey Lund Sac maint			

Summer & Winter Inspections

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2012

Sacramento Maintenance Yard Sacramento Bypass

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento Bypass or South Levee				Left	1.78	03/23/2012 03/23/2012	John Williamson

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	WS	A Ma		°	°	5
								DWR ID: DWR_ST0008_02_s_2012_5		
2			Earthen Levee	Emergency Supplies & Equipment	WS	A Ma		°	°	6
								DWR ID: DWR_ST0008_02_s_2012_6		
3			Earthen Levee	Flood Preparedness & Training	WS	A Ma		°	°	7
								DWR ID: DWR_ST0008_02_s_2012_7		
4	0.00	1.78	Earthen Levee	Encroachments	WS	C Ma	EQ : Equipment Inspector Comments: The levee is under construction of a slurry wall and new concrete apron. Unable to inspect the levee.	°	°	43
								DWR ID: DWR_ST0008_02_s_2012_43		
5	1.13	1.76	Earthen Levee	Vegetation	LS	M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.597772 ° -121.575440 °	38.594758 ° -121.586508 °	3 Y
								DWR ID: DWR_ST0008_02_s_2012_3		
6	1.24	1.76	Earthen Levee	Vegetation	WS	M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.597325 ° -121.577423 °	38.594755 ° -121.586515 °	4 Y
								DWR ID: DWR_ST0008_02_s_2012_4		

* 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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Levee Inspections**

Levee Inspection Report By Mile - Spring 2012

Sacramento Maintenance Yard Sacramento Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento Bypass or South Levee	Left	1.78	03/23/2012 03/23/2012	John Williamson

Levee Mile Report Line	5
Start Levee Mile	1.13
End Levee Mile	1.76
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Photo taken spring 2012, grasses are taller than 12".	
johngw_s_20120326_611.jpg	



Levee Mile Report Line	6
Start Levee Mile	1.24
End Levee Mile	1.76
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Photo taken spring 2012, grasses are taller than 12".	
johngw_s_20120326_612.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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