

**Flood Control Project Maintenance
Levee Inspections****LMA District Cover Sheet****Spring 2013 Levee Inspection Results****Sacramento Maintenance Yard Maintenance Area 0004**

	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

Sacramento Maintenance Yard Maintenance Area 0004

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Right	3.40
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	-			
DWR Inspector	John Williamson			
Accompanied By	Dave Williams 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
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Sacramento Maintenance Yard Maintenance Area 0004

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River							Right	3.40		John Williamson
LMR No.	Levee Mile		Category	Item	Location *	Rating ** +	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1				Operations & Maintenance Manuals	LS	A Ma		° °	° °	9
								DWR ID: DWR_MA0004_01_s_2013_9		
2				Emergency Supplies & Equipment	LS	A Ma		° °	° °	10
								DWR ID: DWR_MA0004_01_s_2013_10		
3				Flood Preparedness & Training	LS	A Ma		° °	° °	11
								DWR ID: DWR_MA0004_01_s_2013_11		
4	0.02	0.28		Vegetation	LS	A Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.596814 ° -121.547522 °	38.597193 ° -121.543420 °	1 Y
								DWR ID: DWR_MA0004_01_s_2013_1		
5	0.02	0.28		Vegetation	WS	A Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.596814 ° -121.547521 °	38.597193 ° -121.543420 °	4 Y
								DWR ID: DWR_MA0004_01_s_2013_4		
6	0.05	0.05		Animal Control	LS	C Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	38.596722 ° -121.546971 °	38.596722 ° -121.546971 °	175 Y
								DWR ID: DWR_MA0004_01_s_2012_175		
7	0.28	0.44		Trim / Thin Trees	WS	M Ma	T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: Chain link fence runs along the waterside shoulder of levee and no access to trim and thin trees or vegetation. This is the fence for the USACE Brythe Yard and runs the entire yard.	38.597188 ° -121.543401 °	38.598649 ° -121.540960 °	15 Y
								DWR ID: DWR_MA0004_01_s_2012_15		
8	0.28	0.28		Encroachments	CR	U En	FE : Fence Inspector Comments: This is the USACE yard and the chain link fence crosses the levee. The fence runs the length of the yard on the crown.	38.597193 ° -121.543421 °	38.597193 ° -121.543421 °	2 Y
								DWR ID: DWR_MA0004_01_s_2012_2		
9	0.73	1.27		Vegetation	LS	A Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.601255 ° -121.536288 °	38.602818 ° -121.526379 °	5 Y
								DWR ID: DWR_MA0004_01_s_2013_5		
10	0.73	1.27		Vegetation	WS	A Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.602550 ° -121.536290 °	38.602819 ° -121.526379 °	6 Y
								DWR ID: DWR_MA0004_01_s_2013_6		
11	1.32	1.95		Vegetation	LS A/W	A/W En	V6 : Landscaping Inspector Comments: The Rivers housing development	38.602756 ° -121.525618 °	38.600449 ° -121.514459 °	7 Y
								DWR ID: DWR_MA0004_01_s_2012_7		
12	1.33	1.49		Encroachments	CR A/W	A/W En	BU : Building Inspector Comments: The Rivers housing development houses on crown of levee waterside	38.602764 ° -121.525319 °	38.602596 ° -121.522439 °	8 Y
								DWR ID: DWR_MA0004_01_s_2012_8		

*** 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 - Spring 2013

Sacramento Maintenance Yard Maintenance Area 0004

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River						Right	3.40		John Williamson

LMR No.	Levee Mile		Category	Item	Location *	Rating ** +	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
13	2.00	2.17		Encroachments	LS	M En	FE : Fence Inspector Comments: A fence runs along the toe of the landside levee	38.599834 ° -121.513994 °	38.597531 ° -121.513147 °	14 Y
DWR ID: DWR_MA0004_01_s_2012_14										
14	2.87	2.87		Vegetation	LS	C Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.588989 ° -121.507952 °	38.588989 ° -121.507952 °	178
DWR ID: DWR_MA0004_01_s_2012_178										
15	3.00	3.00		Animal Control	LS	M Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	38.587135 ° -121.508093 °	38.587135 ° -121.508093 °	3 Y
DWR ID: DWR_MA0004_01_f_2012_3										
16	3.07	3.40		Vegetation	WSA/W	En	V6 : Landscaping Inspector Comments: West Sacramento's River walk runs from Tower Bridge to I st Bridge	38.585642 ° -121.508385 °	38.534710 ° -121.517390 °	12 Y
DWR ID: DWR_MA0004_01_s_2012_12										

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Sacramento Maintenance Yard Maintenance Area 0004

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	3.40		John Williamson

Levee Mile Report Line	4
Start Levee Mile	0.02
End Levee Mile	0.28
Location	Land Side
Category	
Item	Vegetation
The levee has no unwanted vegetation. Spring 2013	
johnngw_s_20130325_816.JPG	



Levee Mile Report Line	5
Start Levee Mile	0.02
End Levee Mile	0.28
Location	Water Side
Category	
Item	Vegetation
The levee has no unwanted vegetation. Spring 2013	
johnngw_s_20130325_817.JPG	



Levee Mile Report Line	7
Start Levee Mile	0.28
End Levee Mile	0.44
Location	Water Side
Category	
Item	Trim / Thin Trees
The trees have been raised but vegetation needs to be trimmed. Spring 2013	
johnngw_s_20130325_818.JPG	

*** Location**

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Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Sacramento Maintenance Yard Maintenance Area 0004

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	3.40		John Williamson

Levee Mile Report Line	8
Start Levee Mile	0.28
End Levee Mile	0.28
Location	Crown
Category	
Item	Encroachments
The fence goes down the waterside with no removable sections.	
johngw_s_20130221_001.jpg	



Levee Mile Report Line	8
Start Levee Mile	0.28
End Levee Mile	0.28
Location	Crown
Category	
Item	Encroachments
The fence crosses the levee crown with no gate for access. The buildings are the USACE yard. Fall 2011	
johngw_s_20130221_002.jpg	



Levee Mile Report Line	9
Start Levee Mile	0.73
End Levee Mile	1.27
Location	Land Side
Category	
Item	Vegetation
Restored area has no unwanted vegetation on levee slope. Spring 2013	
johngw_s_20130325_819.JPG	



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**Flood Control Project Maintenance
Levee Inspections**

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Sacramento Maintenance Yard Maintenance Area 0004

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	3.40		John Williamson

Levee Mile Report Line	10
Start Levee Mile	0.73
End Levee Mile	1.27
Location	Water Side
Category	
Item	Vegetation
Restored area, The vegetation is sparse but no unwanted vegetation on the levee. Spring 2013	
johngw_s_20130325_820.JPG	



Levee Mile Report Line	11
Start Levee Mile	1.32
End Levee Mile	1.95
Location	Land Side
Category	
Item	Vegetation
Landscaping on the landside slope outside of the Rivers development. Fall 2011	
johngw_s_20130221_004.jpg	



Levee Mile Report Line	11
Start Levee Mile	1.32
End Levee Mile	1.95
Location	Land Side
Category	
Item	Vegetation
Photo taken spring 2012, permitted landscape in the Rivers project.	
johngw_s_20130221_005.jpg	



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Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Sacramento Maintenance Yard Maintenance Area 0004

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	3.40		John Williamson

Levee Mile Report Line	12
Start Levee Mile	1.33
End Levee Mile	1.49
Location	Crown
Category	
Item	Encroachments
Houses on the crown of the levee Fall 2011	
johngw_s_20130221_006.jpg	



Levee Mile Report Line	12
Start Levee Mile	1.33
End Levee Mile	1.49
Location	Crown
Category	
Item	Encroachments
Photo taken spring 2012, permitted houses built on the waterside of the crown.	
johngw_s_20130221_007.jpg	



Levee Mile Report Line	13
Start Levee Mile	2.00
End Levee Mile	2.17
Location	Land Side
Category	
Item	Encroachments
Fence and landscaping along the levee toe by the condos in the Rivers.	
johngw_s_20130221_010.jpg	



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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	3.40		John Williamson

Levee Mile Report Line	13
Start Levee Mile	2.00
End Levee Mile	2.17
Location	Land Side
Category	
Item	Encroachments
The fence runs along the toe of the levee. Fall 2011	
johngw_s_20130221_011.jpg	



Levee Mile Report Line	15
Start Levee Mile	3.00
End Levee Mile	3.00
Location	Land Side
Category	
Item	Animal Control
No rodents visible but hole need to be backfilled. Spring 2013	
johngw_s_20130325_821.JPG	



Levee Mile Report Line	16
Start Levee Mile	3.07
End Levee Mile	3.40
Location	Water Side
Category	
Item	Vegetation
Landscaping on the waterside of the levee	
johngw_s_20130221_008.jpg	



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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	3.40		John Williamson

Levee Mile Report Line	16
Start Levee Mile	3.07
End Levee Mile	3.40
Location	Water Side
Category	
Item	Vegetation
Steps and landscaping on the crown and waterside of the levee. Fall 2011	
johngw_s_20130221_009.jpg	



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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	