

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

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2012 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	3/27/2012 - 3/27/2012			
DWR Inspector	John Williamson			
Accompanied By	Dave Williams Sacramento Maintenance			

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 Maintenance Area 0004

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River		Right	3.40	03/27/2012 03/27/2012	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	CR	A Ma				10
DWR ID: DWR_MA0004_01_s_2012_10										
2			Earthen Levee	Emergency Supplies & Equipment	CR	A Ma				11
DWR ID: DWR_MA0004_01_s_2012_11										
3			Earthen Levee	Flood Preparedness & Training	CR	A Ma				16
DWR ID: DWR_MA0004_01_s_2012_16										
4	0.02	0.28	Earthen Levee	Vegetation	LS	M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.596813 ° -121.547487 °	38.597185 ° -121.543420 °	3 Y
DWR ID: DWR_MA0004_01_s_2012_3										
5	0.02	0.19	Earthen Levee	Vegetation	WS	M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.596810 ° -121.547483 °	38.596697 ° -121.544518 °	1 Y
DWR ID: DWR_MA0004_01_s_2012_1										
6	0.04	0.04	Earthen Levee	Animal Control	WS	M Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	38.596766 ° -121.547244 °	38.596766 ° -121.547244 °	174 Y
DWR ID: DWR_MA0004_01_s_2012_174										
7	0.05	0.05	Earthen Levee	Animal Control	LS	M 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										
8	0.08	0.08	Earthen Levee	Animal Control	WS	C Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	38.596643 ° -121.546362 °	38.596643 ° -121.546362 °	176 Y
DWR ID: DWR_MA0004_01_s_2012_176										
9	0.28	0.44	Earthen Levee	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										
10	0.28	0.28	Earthen Levee	Encroachments	CR	U En	FE : Fences 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										
11	0.68	1.31	Earthen Levee	Crown Surface / Depressions / Rutting	CR	C Ma	C2 : Regrade the crown roadway for proper drainage. Inspector Comments: I am unable to inspect this area due to construction. A SB wall and reconstruction of the levee is in progress.	38.600857 ° -121.537060 °	38.602755 ° -121.525830 °	177 Y
DWR ID: DWR_MA0004_01_s_2012_177										
12	1.32	1.95	Earthen Levee	Vegetation	LS	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										

* 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 Maintenance Area 0004

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector			
Unit No. 01 Sacramento River				Right	3.40	03/27/2012 03/27/2012	John Williamson			
LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
13	1.33	1.49	Earthen Levee	Encroachments	CR A/W En	BU : Buildings 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										
14	1.97	2.36	Earthen Levee	Vegetation	LS M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.600182 ° -121.514237 °	38.594967 ° -121.512382 °	4 Y	
DWR ID: DWR_MA0004_01_s_2012_4										
15	2.00	2.17	Earthen Levee	Encroachments	LS U En	FE : Fences 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										
16	2.76	3.01	Earthen Levee	Vegetation	LS M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.590048 ° -121.509595 °	38.587015 ° -121.508068 °	5 Y	
DWR ID: DWR_MA0004_01_s_2012_5										
17	2.76	3.01	Earthen Levee	Vegetation	WS M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.590057 ° -121.509585 °	38.587005 ° -121.508067 °	9 Y	
DWR ID: DWR_MA0004_01_s_2012_9										
18	2.87	2.87	Earthen Levee	Vegetation	LS M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.588989 ° -121.507952 °	38.588989 ° -121.507952 °	178 Y	
DWR ID: DWR_MA0004_01_s_2012_178										
19	3.02	3.02	Earthen Levee	Animal Control	WS C Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	38.586983 ° -121.508121 °	38.586983 ° -121.508121 °	179 Y	
DWR ID: DWR_MA0004_01_s_2012_179										
20	3.02	3.02	Earthen Levee	Encroachments	CR A/W En	FE : Fences Inspector Comments: Fence was installed from the 'I' St. bridge to 3rd St. on both sides of the railroad tracks. The fence crosses the crown. The crown was not accessible because of the railroad tracks before.	38.586887 ° -121.508150 °	38.586887 ° -121.508150 °	6 Y	
DWR ID: DWR_MA0004_01_s_2012_6										
21	3.07	3.30	Earthen Levee	Encroachments	LS A/W En	BU : Buildings Inspector Comments: CalSTRS building and Ziegot building	38.585640 ° -121.508383 °	38.582230 ° -121.509110 °	13 Y	
DWR ID: DWR_MA0004_01_s_2012_13										
22	3.07	3.40	Earthen Levee	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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Sacramento Maintenance Yard Maintenance Area 0004

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	3.40	03/27/2012 03/27/2012	John Williamson

Levee Mile Report Line	4
Start Levee Mile	0.02
End Levee Mile	0.28
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Photo taken spring 2012, grasses are taller than 12".	
johngw_s_20120328_619.jpg	



Levee Mile Report Line	5
Start Levee Mile	0.02
End Levee Mile	0.19
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Photo taken spring 2012, grasses are taller than 12".	
johngw_s_20120328_620.jpg	



Levee Mile Report Line	6
Start Levee Mile	0.04
End Levee Mile	0.04
Location	Water Side
Category	Earthen Levee
Item	Animal Control
A large rodent hole Fall 2011	
johngw_s_20120313_014.jpg	



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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	3.40	03/27/2012 03/27/2012	John Williamson

Levee Mile Report Line	7
Start Levee Mile	0.05
End Levee Mile	0.05
Location	Land Side
Category	Earthen Levee
Item	Animal Control
A large rodent hole. Fall 2011	
johngw_s_20120313_015.jpg	



Levee Mile Report Line	9
Start Levee Mile	0.28
End Levee Mile	0.44
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
The trees need to be trimmed up and thinned to meet standards.	
johngw_s_20120313_012.jpg	



Levee Mile Report Line	9
Start Levee Mile	0.28
End Levee Mile	0.44
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
The trees have been raised but vegetation needs to be trimmed. Fall 2011	
johngw_s_20120313_013.jpg	



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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	3.40	03/27/2012 03/27/2012	John Williamson

Levee Mile Report Line	10
Start Levee Mile	0.28
End Levee Mile	0.28
Location	Crown
Category	Earthen Levee
Item	Encroachments
The fence goes down the waterside with no removal sections.	
johngw_s_20120313_001.jpg	



Levee Mile Report Line	10
Start Levee Mile	0.28
End Levee Mile	0.28
Location	Crown
Category	Earthen Levee
Item	Encroachments
The fence crosses the levee crown with no gate for access. The buildings are the USACE yard. Fall 2011	
johngw_s_20120313_002.jpg	



Levee Mile Report Line	12
Start Levee Mile	1.32
End Levee Mile	1.95
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Landscaping on the landside slope outside of the Rivers development. Fall 2011	
johngw_s_20120313_005.jpg	



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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	3.40	03/27/2012 03/27/2012	John Williamson

Levee Mile Report Line	12
Start Levee Mile	1.32
End Levee Mile	1.95
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Photo taken spring 2012, permitted landscape in the Rivers project.	
johngw_s_20120328_621.jpg	



Levee Mile Report Line	13
Start Levee Mile	1.33
End Levee Mile	1.49
Location	Crown
Category	Earthen Levee
Item	Encroachments
Houses on the crown of the levee Fall 2011	
johngw_s_20120313_006.jpg	



Levee Mile Report Line	13
Start Levee Mile	1.33
End Levee Mile	1.49
Location	Crown
Category	Earthen Levee
Item	Encroachments
Photo taken spring 2012, permitted houses built on the waterside of the crown.	
johngw_s_20120328_622.jpg	



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Unit No. 01 Sacramento River	Right	3.40	03/27/2012 03/27/2012	John Williamson

Levee Mile Report Line	15
Start Levee Mile	2.00
End Levee Mile	2.17
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Fence and landscaping along the levee toe by the condos in the Rivers.	
johngw_s_20120313_010.jpg	



Levee Mile Report Line	15
Start Levee Mile	2.00
End Levee Mile	2.17
Location	Land Side
Category	Earthen Levee
Item	Encroachments
The fence runs along the toe of the levee. Fall 2011	
johngw_s_20120313_011.jpg	



Levee Mile Report Line	18
Start Levee Mile	2.87
End Levee Mile	2.87
Location	Land Side
Category	Earthen Levee
Item	Vegetation
The vegetation on the landside toe blocks visibility. Fall 2011	
johngw_s_20120313_018.jpg	



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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	03/27/2012 03/27/2012	John Williamson

Levee Mile Report Line	20
Start Levee Mile	3.02
End Levee Mile	3.02
Location	Crown
Category	Earthen Levee
Item	Encroachments

The fence is across the levee crown on both side of the railroad tracks.

johngw_s_20120313_003.jpg



Levee Mile Report Line	20
Start Levee Mile	3.02
End Levee Mile	3.02
Location	Crown
Category	Earthen Levee
Item	Encroachments

The fence on both side of the tracks goes to Third street.

johngw_s_20120313_004.jpg



Levee Mile Report Line	21
Start Levee Mile	3.07
End Levee Mile	3.30
Location	Land Side
Category	Earthen Levee
Item	Encroachments

CalSTRS and Ziegot building. Fall 2011

johngw_s_20120313_009.jpg



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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	3.40	03/27/2012 03/27/2012	John Williamson

Levee Mile Report Line	22
Start Levee Mile	3.07
End Levee Mile	3.40
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Landscaping on the waterside of the levee	
johngw_s_20120313_007.jpg	



Levee Mile Report Line	22
Start Levee Mile	3.07
End Levee Mile	3.40
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Steps and landscaping on the crown and waterside of the levee. Fall 2011	
johngw_s_20120313_008.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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