Flood Control Project Maintenance
Levee Inspections

LMA District Cover Sheet

Spring 2011 Levee Inspection Results

Sutter Maintenance Yard East Levee Sutter 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 2011 Levee Inspection Results

Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles
Unit No. 01 Sutter Bypass Levee	Left	22.12

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/30/2011 - 3/30/2011			
DWR Inspector	Bob Duffey			
Accompanied By	Steve Beckley Sutter Yard			

Check one:

☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.

☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Suite 200
Sacramento, CA 95821-9000

x

Signature of LMA Representative Date

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2011

Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass Levee	Left	22.12	03/30/2011 03/30/2011	Bob Duffey

LMR No.	Levee Mile Start	Levee Mile End	Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude Start	GPS Latitude/Longitude End	Issue No. / Photo
1	0.83	1.12	Earthen Levee	Seepage / Sandboils	LS	U		39.143345 ° -121.821155 °	39.140995 ° -121.816820 °	2 Y
2	3.60	3.60	Earthen Levee	Animal Control	LS	C	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.120348 ° -121.779709 °	39.120348 ° -121.779709 °	1
3	4.11	4.30	Earthen Levee	Seepage / Sandboils	LS	U		39.116133 ° -121.772290 °	39.114400 ° -121.769772 °	4 Y
4	4.65	4.82	Earthen Levee	Seepage / Sandboils	LS	U		39.110745 ° -121.765292 °	39.108880 ° -121.763365 °	5 Y
5	5.52	5.72	Earthen Levee	Seepage / Sandboils	LS	U		39.100222 ° -121.756838 °	39.097657 ° -121.755515 °	6
6	9.35	9.44	Earthen Levee	Seepage / Sandboils	LS	U		39.048425 ° -121.734957 °	39.047208 ° -121.734448 °	7 Y
7	11.09	11.09	Earthen Levee	Seepage / Sandboils	LS	U		39.024392 ° -121.726422 °	39.024392 ° -121.726422 °	9 Y
8	12.47	12.47	Earthen Levee	Seepage / Sandboils	LS	U		39.004957 ° -121.721172 °	39.004957 ° -121.721172 °	11 Y
9	13.93	13.93	Earthen Levee	Animal Control	WS	C	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.988228 ° -121.705999 °	38.988228 ° -121.705999 °	3
10	14.70	14.70	Earthen Levee	Animal Control	LS	C	Exterminate rodents and backfill and compact or grout burrows.	38.980930 ° -121.694842 °	38.980930 ° -121.694842 °	8
11	15.44	15.44	Earthen Levee	Seepage / Sandboils	LS	U		38.974543 ° -121.684233 °	38.974543 ° -121.684233 °	12 Y
12	18.42	18.42	Earthen Levee	Seepage / Sandboils	LS	U		38.943740 ° -121.647102 °	38.943740 ° -121.647102 °	13 Y
13	20.64	20.64	Earthen Levee	Encroachments	LS	CO	Buildings	38.918147 ° -121.624545 °	38.918147 ° -121.624545 °	10 Y

*** Location**
LS : Landside
WS : Waterside
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated
C : Corrected
W : Watch/Monitor

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2011

Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass Levee	Left	22.12	03/30/2011 03/30/2011	Bob Duffey

Levee Mile Report Line	1
Start Levee Mile	0.83
End Levee Mile	1.12
Location	Land Side
Category	Earthen Levee
Item	Seepage / Sandboils

View of the seepage along the L/S toe.

rduffey_s_20110502_333.jpg

Levee Mile Report Line	3
Start Levee Mile	4.11
End Levee Mile	4.30
Location	Land Side
Category	Earthen Levee
Item	Seepage / Sandboils

View of the seepage along the L/S toe.

rduffey_s_20110502_334.jpg

Levee Mile Report Line	4
Start Levee Mile	4.65
End Levee Mile	4.82
Location	Land Side
Category	Earthen Levee
Item	Seepage / Sandboils

View of the seepage along the L/S toe.

rduffey_s_20110502_335.jpg

*** Location**
LS : Landside
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CR : Crown

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Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2011

Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass Levee	Left	22.12	03/30/2011 03/30/2011	Bob Duffey

Levee Mile Report Line	6
Start Levee Mile	9.35
End Levee Mile	9.44
Location	Land Side
Category	Earthen Levee
Item	Seepage / Sandboils

View of the seepage & boils along the toe.

rduffey_s_20110502_336.jpg

Levee Mile Report Line	7
Start Levee Mile	11.09
End Levee Mile	11.09
Location	Land Side
Category	Earthen Levee
Item	Seepage / Sandboils

View of the seepage along the toe.

rduffey_s_20110502_337.jpg

Levee Mile Report Line	8
Start Levee Mile	12.47
End Levee Mile	12.47
Location	Land Side
Category	Earthen Levee
Item	Seepage / Sandboils

View of the seepage along the toe.

rduffey_s_20110502_338.jpg

*** Location**
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WS : Waterside
CR : Crown

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Levee Inspection Report By Mile - Spring 2011

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass Levee	Left	22.12	03/30/2011 03/30/2011	Bob Duffey

Levee Mile Report Line	11
Start Levee Mile	15.44
End Levee Mile	15.44
Location	Land Side
Category	Earthen Levee
Item	Seepage / Sandboils

View of the seepage along the toe.

rduffey_s_20110502_339.jpg

Levee Mile Report Line	12
Start Levee Mile	18.42
End Levee Mile	18.42
Location	Land Side
Category	Earthen Levee
Item	Seepage / Sandboils

View of the seepage & boils along the toe.

rduffey_s_20110502_340.jpg

Levee Mile Report Line	13
Start Levee Mile	20.64
End Levee Mile	20.64
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the building next to the landside toe of the levee.

rduffey_s_20110228_211.jpg

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CR : Crown

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