

**Flood Control Project Maintenance
Levee Inspections
LMA District Cover Sheet
Spring 2010 Levee Inspection Results**

Reclamation District No. 2098 Cache and Haas Slough

	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 2010 Levee Inspection Results

Reclamation District No. 2098 Cache and Haas Slough

Waterway			Bank	Unit Miles
Unit No. 01 Yolo Bypass			Right	3.58
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/14/2010 - 5/14/2010			
DWR Inspector	Herman Phillips			
Accompanied By	Mike Hardesty RD 2098			

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

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DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 2098 Cache and Haas Slough

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Yolo Bypass						Right	3.58	05/14/2010 05/14/2010	Herman Phillips	

LMR No	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	1.16	1.54	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	38.312246 ° -121.693635 °	38.306707 ° -121.693591 °	1
2	1.18	1.72	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	38.311955 ° -121.693633 °	38.304084 ° -121.693621 °	2
3	5.29	5.29	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.275745 ° -121.705738 °	38.275745 ° -121.705738 °	7

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2010 Levee Inspection Results

Reclamation District No. 2098 Cache and Haas Slough

Waterway			Bank	Unit Miles
Unit No. 01A Cross Levee			Right	0.55
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/14/2010 - 5/14/2010			
DWR Inspector	Herman Phillips			
Accompanied By	Mike Hardesty RD 2098			

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Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 2098 Cache and Haas Slough

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01A Cross Levee						Right	0.55	05/14/2010 05/14/2010	Herman Phillips

LMR No	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.00	0.00	Earthen Levee	Vegetation	LS	A	Control annual grass and weeds on the levee slopes and easements.	38.277411 ° -121.696281 °	38.277411 ° -121.696281 °	4 Y

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 2098 Cache and Haas Slough

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01A Cross Levee	Right	0.55	05/14/2010 05/14/2010	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Looking downstream from levee mile 0.00 at land side of Unit 1A RD 2098. Good levee coverage.

jhirabay_s_20100709_001.jpg



Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Looking downstream of Unit 1A levee mile 0.00 waterside view.

jhirabay_s_20100709_002.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2010 Levee Inspection Results

Reclamation District No. 2098 Cache and Haas Slough

Waterway			Bank	Unit Miles
Unit No. 02 Cache Slough			Left	2.01
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/14/2010 - 5/14/2010			
DWR Inspector	Herman Phillips			
Accompanied By	Mike Hardesty RD 2098			

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(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).

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Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 2098 Cache and Haas Slough

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough						Left	2.01	05/14/2010 05/14/2010	Herman Phillips

LMR No	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	5.56	5.58	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Regrade the crown roadway for proper drainage.	38.278757 ° -121.708568 °	38.279072 ° -121.708967 °	1
2	5.58	6.07	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	38.279075 ° -121.708967 °	38.283733 ° -121.713792 °	2

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2010 Levee Inspection Results

Reclamation District No. 2098 Cache and Haas Slough

Waterway				Bank	Unit Miles
Unit No. 03 Haas Slough				Right	1.89
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)	
Unit Maintenance Rating (Fall Only)					
Date of Inspection	6/2/2010 - 6/2/2010				
DWR Inspector	Herman Phillips				
Accompanied By	Mike Hardesty RD 2098				

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 2098 Cache and Haas Slough

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Haas Slough						Right	1.89	06/02/2010 06/02/2010	Herman Phillips

LMR No	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	7.10	7.15	Earthen Levee	Cracking	LS	M	Monitor and have inspected by geotechnical engineer.	38.292980 ° -121.721892 °	38.292995 ° -121.723093 °	1
2	7.70	7.74	Earthen Levee	Cracking	WS	M	Monitor and have inspected by geotechnical engineer.	38.298843 ° -121.728588 °	38.299450 ° -121.728463 °	2

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2010 Levee Inspection Results

Reclamation District No. 2098 Cache and Haas Slough

Waterway			Bank	Unit Miles
Unit No. 04 Back Levee			Left	2.93

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	6/2/2010 - 6/2/2010			
DWR Inspector	Herman Phillips			
Accompanied By	Mike Hadesty RD 2098			

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Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 2098 Cache and Haas Slough

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 04 Back Levee				Left	2.93	06/02/2010 06/02/2010	Herman Phillips	

LMR No	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	9.80	13.11	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements. Inspector Comments: There are two photos added to the inspection to show how the veg is over grown from the gate downstream to 9.82. The growth continues down stream to levee mile 13.11 just not as tall.	38.325060 ° -121.740077 °	38.372562 ° -121.739037 °	8 Y
2	9.81	9.81	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.324993 ° -121.740082 °	38.324993 ° -121.740082 °	1
3	9.81	13.11	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	38.325035 ° -121.740080 °	38.372565 ° -121.739022 °	7
4	9.81	9.83	Earthen Levee	Vegetation	CR	M	Control annual grass and weeds on the levee slopes and easements.	38.325038 ° -121.740103 °	38.325372 ° -121.740030 °	9
5	10.05	10.08	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	38.328213 ° -121.740588 °	38.328600 ° -121.740577 °	2
6	10.47	10.48	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	38.334287 ° -121.740560 °	38.334487 ° -121.740572 °	3
7	10.57	10.58	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	38.335750 ° -121.740592 °	38.335885 ° -121.740610 °	4
8	10.88	10.88	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	38.340167 ° -121.740787 °	38.340303 ° -121.740788 °	5
9	10.92	10.99	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	38.340850 ° -121.740798 °	38.341852 ° -121.740802 °	6
10	10.93	10.94	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.340930 ° -121.740783 °	38.341077 ° -121.740735 °	10

*** Location**

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**** Rating**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 2098 Cache and Haas Slough

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Back Levee	Left	2.93	06/02/2010 06/02/2010	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	9.80
End Levee Mile	13.11
Location	Water Side
Category	Earthen Levee
Item	Vegetation

Standing downstream from L/M 9.83 looking back upstream from landside. As you can see beyond the fence back up stream the live in area keeps the veg. low on levee section.

phillips_s_20100608_069.jpg



Levee Mile Report Line	1
Start Levee Mile	9.80
End Levee Mile	13.11
Location	Water Side
Category	Earthen Levee
Item	Vegetation

This shot shows veg on water side from the gate at levee mile 9.79 down stream to 9.84.

phillips_s_20100608_070.jpg



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