

**Flood Control Project Maintenance
Levee Inspections**

Fall 2009 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

RD2098	Overall LMA Rating	Total LMA Miles				
Reclamation District No. 2098 Cache and Haas Slough	A	10.96				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Vegetation	1.06		1.06	9.67%		
<i>LMA Totals:</i>	1.06	0.00	1.06	9.67%	0.00	0.00
Unit No. 01 Yolo Bypass	Overall Unit Rating	Total Unit Miles				
	U	3.58				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Vegetation	0.92		0.92	25.70%		
<i>Unit Totals:</i>	0.92	0.00	0.92	25.70%	0.00	0.00
Unit No. 01A Cross Levee	Overall Unit Rating	Total Unit Miles				
	A	0.55				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
No Items						
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.00	0.00
Unit No. 02 Cache Slough	Overall Unit Rating	Total Unit Miles				
	A	2.01				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
No Items						
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.00	0.00
Unit No. 03 Haas Slough	Overall Unit Rating	Total Unit Miles				
	A	1.89				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
No Items						
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.00	0.00
Unit No. 04 Back Levee	Overall Unit Rating	Total Unit Miles				
	A	2.93				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Vegetation	0.14		0.14	4.78%		
<i>Unit Totals:</i>	0.14	0.00	0.14	4.78%	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections
LMA District Cover Sheet
Fall 2009 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)			A	

** 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

Fall 2009 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)			U	
Date of Inspection	3/12/2009		11/17/2009	
DWR Inspector	Herman Phillips		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.

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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).

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, Room LL-30
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 2098 Cache and Haas Slough

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	3.58	11/17/2009 11/17/2009	Herman Phillips

LMIR No	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
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

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected C : Corrected
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2009 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)			A	
Date of Inspection			11/17/2009	
DWR Inspector			Herman Phillips	
Accompanied By			Mike Hardesty RD 2098	

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Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 2098 Cache and Haas Slough

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01A Cross Levee	Right	0.55	11/17/2009 11/17/2009	Herman Phillips

LMIR No	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1							No issues were reported.			

<p>* Location LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected</p>	<p>C : Corrected</p>
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2009 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)			A	
Date of Inspection			11/17/2009	
DWR Inspector			Herman Phillips	
Accompanied By			Mike Hardesty RD 2098	

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Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 2098 Cache and Haas Slough

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	2.01	11/17/2009 11/17/2009	Herman Phillips

LMIR No	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1							No issues were reported.			° °

<p>* Location LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected</p>	<p>C : Corrected</p>
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2009 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)			A	
Date of Inspection			11/17/2009	
DWR Inspector			Herman Phillips	
Accompanied By			Mike Hardesty RD 2098	

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Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 2098 Cache and Haas Slough

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Haas Slough	Right	1.89	11/17/2009 11/17/2009	Herman Phillips

LMIR No	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1							No issues were reported.			° °

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected C : Corrected
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2009 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)			A	
Date of Inspection	3/12/2009		11/17/2009	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By			Mike Hadesty RD 2098	
			None None	

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Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 2098 Cache and Haas Slough

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Back Levee	Left	2.93	11/30/2009 11/30/2009	Herman Phillips

LMIR No	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	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
2	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
3	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
4	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
5	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
6	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

<p>* Location LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected C : Corrected</p>
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