

**Flood Control Project Maintenance
Levee Inspections
LMA District Cover Sheet
Spring 2013 Levee Inspection Results**

Reclamation District No. 0787 Fair

	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
Reclamation District No. 0787 Fair**

Waterway	Bank	Unit Miles
Unit No. 01 Colusa Basin Drain	Left	4.40

	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	Marty Stripling River Gardens Farm			
	Roger Cornwell Rivergarden Farms RD 787			

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

Reclamation District No. 0787 Fair

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain		Left	4.40		John Williamson

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1				Emergency Supplies & Equipment	LS	A Ma		°	°	7
								DWR ID: DWR_RD0787_01_s_2013_7		
2				Operations & Maintenance Manuals	LS	A Ma		°	°	8
								DWR ID: DWR_RD0787_01_s_2013_8		
3				Flood Preparedness & Training	LS	M Ma		°	°	10
								DWR ID: DWR_RD0787_01_s_2012_10		
4	0.01	4.39		Vegetation	LS	M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.799555 ° -121.725545 °	38.822446 ° -121.795563 °	9 Y
								DWR ID: DWR_RD0787_01_s_2013_9		
5	0.01	4.39		Vegetation	WS	M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.799555 ° -121.725542 °	38.822446 ° -121.795563 °	11 Y
								DWR ID: DWR_RD0787_01_s_2013_11		
6	0.33	0.33		Encroachments	WS	M En	PR : Prunings	38.796333 ° -121.729708 °	38.796333 ° -121.729708 °	12 Y
								DWR ID: DWR_RD0787_01_s_2013_12		
7	0.39	0.51	Supplemental	USACE Erosion Survey	WS	M Ma	Inspector Comments: 2011 - Large scallops throughout the entire reach. Toe scour due to tree pop-outs, resulting in a steepening slope. The reduced resistive forces plus clay levee may increase the loading. Additional erosion due to human use. 2012: Site is part of the extended inventory, last inspected 2011. [2012 Site ID: CBD_0-5_L]	38.795268 ° -121.732566 °	38.795931 ° -121.730627 °	1 Y
								DWR ID: DWR_RD0787_01_s_2013_1		
8	0.39	0.39		Encroachments	WS	M En	DE : Debris	38.795925 ° -121.730695 °	38.795925 ° -121.730695 °	15 Y
								DWR ID: DWR_RD0787_01_s_2013_15		
9	0.64	0.64		Encroachments	WS	M En	PR : Prunings	38.795562 ° -121.735192 °	38.795562 ° -121.735192 °	16 Y
								DWR ID: DWR_RD0787_01_s_2013_16		
10	0.67	0.67	Supplemental	USACE Erosion Survey	WS	M Ma	Inspector Comments: 2011 - Large scallops throughout the entire reach. Toe scour due to tree pop-outs, resulting in a steepening slope. The reduced resistive forces plus clay levee may increase the loading. 2012: Site is part of the extended inventory, last inspected 2011. [2012 Site ID: CBD_0-9_L]	38.796225 ° -121.738902 °	38.795486 ° -121.735647 °	2 Y
								DWR ID: DWR_RD0787_01_s_2013_2		
11	0.90	0.90		Animal Control	LS	C Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	38.796565 ° -121.739740 °	38.796565 ° -121.739740 °	6 Y
								DWR ID: DWR_RD0787_01_f_2012_6		
12	1.18	1.18		Encroachments	WS	M En	PR : Prunings	38.798757 ° -121.744018 °	38.798757 ° -121.744018 °	17 Y
								DWR ID: DWR_RD0787_01_s_2013_17		

* 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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Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 0787 Fair

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	4.40		John Williamson

LMIR No.	Levee Mile		Category	Item	* Location	+ Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
13	1.57	2.71	Encroachments	LS	M	DT : Ditch En		38.801794 ° -121.750204 °	38.809506 ° -121.768979 °	13 Y
DWR ID: DWR_RD0787_01_s_2012_13										
14	1.78	1.78	Animal Control	LS	C	A1 : Exterminate rodents and backfill and compact or grout burrows. Ma		38.803090 ° -121.753620 °	38.803090 ° -121.753620 °	3 Y
DWR ID: DWR_RD0787_01_f_2012_3										
15	1.84	1.84	Encroachments	LS	M	DE : Debris En		38.803445 ° -121.754643 °	38.803445 ° -121.754643 °	18 Y
DWR ID: DWR_RD0787_01_s_2013_18										
16	3.11	4.37	Encroachments	LS	M	DT : Ditch En		38.812963 ° -121.774880 °	38.822302 ° -121.795295 °	14 Y
DWR ID: DWR_RD0787_01_s_2012_14										

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Levee Inspection Report By Mile - Spring 2013

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	4.40		John Williamson

Levee Mile Report Line	4
Start Levee Mile	0.01
End Levee Mile	4.39
Location	Land Side
Category	
Item	Vegetation
The vegetation is taller than 12". Spring 2013	
johngw_s_20130408_921.JPG	



Levee Mile Report Line	5
Start Levee Mile	0.01
End Levee Mile	4.39
Location	Water Side
Category	
Item	Vegetation
The vegetation is taller than 12". Spring 2013	
johngw_s_20130408_922.JPG	



Levee Mile Report Line	6
Start Levee Mile	0.33
End Levee Mile	0.33
Location	Water Side
Category	
Item	Encroachments
Two piles of pruning's and debris on levee shoulder. Spring 2013	
johngw_s_20130408_923.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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	4.40		John Williamson

Levee Mile Report Line	8
Start Levee Mile	0.39
End Levee Mile	0.39
Location	Water Side
Category	
Item	Encroachments
Debris along the shoulder of the levee. Spring 2013	
johngw_s_20130408_924.JPG	



Levee Mile Report Line	9
Start Levee Mile	0.64
End Levee Mile	0.64
Location	Water Side
Category	
Item	Encroachments
Prunings pile along the shoulder of the waterside levee. Spring 2013	
johngw_s_20130408_925.JPG	



Levee Mile Report Line	12
Start Levee Mile	1.18
End Levee Mile	1.18
Location	Water Side
Category	
Item	Encroachments
Prunings along the waterside shoulder. Spring 2013	
johngw_s_20130408_926.JPG	



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Unit No. 01 Colusa Basin Drain	Left	4.40		John Williamson

Levee Mile Report Line	13
Start Levee Mile	1.57
End Levee Mile	2.71
Location	Land Side
Category	
Item	Encroachments
Agricultural ditch runs along landside the distance of the district.	
johngw_s_20130221_434.jpg	



Levee Mile Report Line	13
Start Levee Mile	1.57
End Levee Mile	2.71
Location	Land Side
Category	
Item	Encroachments
A view of the agricultural ditch in the fall of 2011.	
johngw_s_20130221_435.jpg	



Levee Mile Report Line	15
Start Levee Mile	1.84
End Levee Mile	1.84
Location	Land Side
Category	
Item	Encroachments
Debris dumped along the landside slope. Spring 2013	
johngw_s_20130408_927.JPG	



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Unit No. 01 Colusa Basin Drain	Left	4.40		John Williamson

Levee Mile Report Line	16
Start Levee Mile	3.11
End Levee Mile	4.37
Location	Land Side
Category	
Item	Encroachments
Ditch along landside toe.	
johngw_s_20130221_436.jpg	



Levee Mile Report Line	16
Start Levee Mile	3.11
End Levee Mile	4.37
Location	Land Side
Category	
Item	Encroachments
A current view of the agricultural ditch photo taken in fall of 2011.	
johngw_s_20130221_437.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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