

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

Comments


**Flood Control Project Maintenance  
Levee Inspections  
Unit Cover Sheet  
Spring 2012 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	4/17/2012 - 4/17/2012			
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 2012**

**Reclamation District No. 0787 Fair**

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector			
Unit No. 01 Colusa Basin Drain				Left	4.40	04/17/2012 04/17/2012	John Williamson			
LMIR 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	LS	A Ma				8
								DWR ID: DWR_RD0787_01_s_2012_8		
2			Earthen Levee	Emergency Supplies & Equipment	LS	A Ma	Inspector Comments: The RD will team up with RD 108			9
								DWR ID: DWR_RD0787_01_s_2012_9		
3			Earthen Levee	Flood Preparedness & Training	LS	M Ma				10
								DWR ID: DWR_RD0787_01_s_2012_10		
4	0.01	4.39	Earthen Levee	Vegetation	LS	M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.799543 ° -121.725552 °	38.822428 ° -121.795580 °	3 Y
								DWR ID: DWR_RD0787_01_s_2012_3		
5	0.01	4.39	Earthen Levee	Vegetation	WS	M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.799540 ° -121.725550 °	38.822412 ° -121.795577 °	6 Y
								DWR ID: DWR_RD0787_01_s_2012_6		
6	0.16	0.16	Earthen Levee	Animal Control	LS	C Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.797942 ° -121.727177 °	38.797942 ° -121.727177 °	106
								DWR ID: DWR_RD0787_01_s_2012_106		
7	0.22	0.22	Earthen Levee	Animal Control	LS	C Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.797183 ° -121.727947 °	38.797183 ° -121.727947 °	107
								DWR ID: DWR_RD0787_01_s_2012_107		
8	0.30	0.30	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. [2011 Site ID: CBD_0-5_L]	38.795931 ° -121.730627 °	38.795268 ° -121.732566 °	1 Y
								DWR ID: DWR_RD0787_01_s_2012_1		
9	0.58	0.58	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. [2011 Site ID: CBD_0-9_L]	38.795486 ° -121.735647 °	38.796225 ° -121.738902 °	2 Y
								DWR ID: DWR_RD0787_01_s_2012_2		
10	1.48	1.48	Earthen Levee	Slope Stability	WS	M Ma	S1 : Repair slope instability.	38.799840 ° -121.745696 °	38.799840 ° -121.745696 °	7 Y
								DWR ID: DWR_RD0787_01_s_2012_7		
11	1.57	2.71	Earthen Levee	Encroachments	LS	M En	AD : Agricultural Ditch	38.801794 ° -121.750204 °	38.809506 ° -121.768979 °	13 Y
								DWR ID: DWR_RD0787_01_s_2012_13		
12	3.11	4.37	Earthen Levee	Encroachments	LS	M En	AD : Agricultural Ditch	38.812963 ° -121.774880 °	38.822302 ° -121.795295 °	14 Y
								DWR ID: DWR_RD0787_01_s_2012_14		

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 0787 Fair**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	4.40	04/17/2012 04/17/2012	John Williamson

Levee Mile Report Line	4
Start Levee Mile	0.01
End Levee Mile	4.39
Location	Land Side
Category	Earthen Levee
Item	Vegetation
The grasses are taller than 12". Photo taken spring 2012.	
johngw_s_20120419_707.jpg	



Levee Mile Report Line	5
Start Levee Mile	0.01
End Levee Mile	4.39
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Grasses are taller than 12", photo taken spring 2012.	
johngw_s_20120419_708.jpg	



Levee Mile Report Line	8
Start Levee Mile	0.30
End Levee Mile	0.30
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #1	
johngw_s_20120313_318.jpg	



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 0787 Fair**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	4.40	04/17/2012 04/17/2012	John Williamson

Levee Mile Report Line	8
Start Levee Mile	0.30
End Levee Mile	0.30
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #2	
johngw_s_20120313_319.jpg	



Levee Mile Report Line	8
Start Levee Mile	0.30
End Levee Mile	0.30
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #3	
johngw_s_20120313_320.jpg	



Levee Mile Report Line	9
Start Levee Mile	0.58
End Levee Mile	0.58
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #1	
johngw_s_20120313_321.jpg	



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 0787 Fair**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	4.40	04/17/2012 04/17/2012	John Williamson

Levee Mile Report Line	9
Start Levee Mile	0.58
End Levee Mile	0.58
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #2	
johngw_s_20120313_322.jpg	



Levee Mile Report Line	9
Start Levee Mile	0.58
End Levee Mile	0.58
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #3	
johngw_s_20120313_323.jpg	



Levee Mile Report Line	9
Start Levee Mile	0.58
End Levee Mile	0.58
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #4	
johngw_s_20120313_324.jpg	



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 0787 Fair**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	4.40	04/17/2012 04/17/2012	John Williamson

Levee Mile Report Line	10
Start Levee Mile	1.48
End Levee Mile	1.48
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
The levee slope has slipped down. Photo taken spring 2012.	
johngw_s_20120419_709.jpg	



Levee Mile Report Line	11
Start Levee Mile	1.57
End Levee Mile	2.71
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Agricultural ditch runs along land side the distance of the district.	
johngw_s_20120313_325.jpg	



Levee Mile Report Line	11
Start Levee Mile	1.57
End Levee Mile	2.71
Location	Land Side
Category	Earthen Levee
Item	Encroachments
A view of the agricultural ditch in the fall of 2011.	
johngw_s_20120313_326.jpg	



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 0787 Fair**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	4.40	04/17/2012 04/17/2012	John Williamson

Levee Mile Report Line	12
Start Levee Mile	3.11
End Levee Mile	4.37
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Ditch along landside toe.	
johngw_s_20120313_327.jpg	



Levee Mile Report Line	12
Start Levee Mile	3.11
End Levee Mile	4.37
Location	Land Side
Category	Earthen Levee
Item	Encroachments
A current view of the agricultural ditch photo taken in fall of 2011.	
johngw_s_20120313_328.jpg	



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---