

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Spring 2014 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 2014 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	03/25/2014 - 03/25/2014			
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  
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**Levee Inspection Report By Mile - Spring 2014**

**Reclamation District No. 0787 Fair**

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain		Left	4.40	03/25/2014 03/25/2014	John Williamson

LM Start		Rating **	A	Issue No.	7
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
DWR ID	DWR_RD0787_01_s_2013_7				
Action/Comments					

No Photos

LM Start		Rating **	A	Issue No.	8
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
DWR ID	DWR_RD0787_01_s_2013_8				
Action/Comments					

No Photos

LM Start		Rating **	M	Issue No.	10
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
DWR ID	DWR_RD0787_01_s_2012_10				
Action/Comments					

No Photos

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

**Levee Inspection Report By Mile - Spring 2014**

**Reclamation District No. 0787 Fair**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	4.40	03/25/2014 03/25/2014	John Williamson

LM Start	<b>0.01</b>	Rating **	M	Issue No.	<b>3</b>
LM End	<b>4.40</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.799664 °	38.822441 °	
			-121.725401 °	-121.795729 °	
DWR ID	DWR_RD0787_01_s_2014_3				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : johngw\_s\_20140401\_686.jpg



Tall grasses, weeds partially blocks visibility. Spring 2014

LM Start	<b>0.03</b>	Rating **	M	Issue No.	<b>6</b>
LM End	<b>4.40</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.799390 °	38.822442 °	
			-121.725648 °	-121.795729 °	
DWR ID	DWR_RD0787_01_s_2014_6				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : johngw\_s\_20140401\_687.jpg



Tall grasses, weeds partially blocks visibility. Spring 2014

LM Start	<b>0.39</b>	Rating **	M	Issue No.	<b>1</b>
LM End	<b>0.39</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	USACE Erosion Survey		38.795931 °	38.795268 °	
			-121.730627 °	-121.732566 °	
DWR ID					
Action/Comments					
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. 2013: Site is part of the extended inventory, last inspected 2011. [2013 Site ID: CBD_0-5_L]					

No Photos

<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
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**Reclamation District No. 0787 Fair**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	4.40	03/25/2014 03/25/2014	John Williamson

LM Start	<b>0.64</b>	Rating **	C	Issue No.	<b>16</b>
LM End	<b>0.64</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.795562 °	38.795562 °
				-121.735192 °	-121.735192 °
DWR ID	DWR_RD0787_01_s_2013_16				
Action/Comments					
Prunings					

No Photos

LM Start	<b>0.66</b>	Rating **	M	Issue No.	<b>2</b>
LM End	<b>0.66</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			38.795486 °	38.796225 °
				-121.735647 °	-121.738902 °
DWR ID					
Action/Comments					
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. 2013: Site is part of the extended inventory, last inspected 2011. [2013 Site ID: CBD_0-9_L]					

No Photos

LM Start	<b>1.41</b>	Rating **	C	Issue No.	<b>129</b>
LM End	<b>1.41</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.800818 °	38.800818 °
				-121.747528 °	-121.747528 °
DWR ID	DWR_RD0787_01_f_2013_129				
Action/Comments					
Debris					

No Photos

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  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 2014**

**Reclamation District No. 0787 Fair**

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain		Left	4.40	03/25/2014 03/25/2014	John Williamson

LM Start	<b>1.57</b>	Rating **	M	Issue No.	<b>13</b>
LM End	<b>2.71</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.801794 °	38.809506 °	
			-121.750204 °	-121.768979 °	
DWR ID	DWR_RD0787_01_s_2012_13				
Action/Comments					
Ditch					

Photo 1 of 3 : johngw\_s\_20140306\_975.jpg



Agricultural ditch runs along landside the distance of the district.

LM Start	<b>1.57</b>	Rating **	M	Issue No.	<b>13 (cont)</b>
LM End	<b>2.71</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : johngw\_s\_20140306\_976.jpg



A view of the agricultural ditch in the fall of 2011.

LM Start	<b>1.57</b>	Rating **	M	Issue No.	<b>13 (cont)</b>
LM End	<b>2.71</b>	Issue Type +	En	Location *	LS

Photo 3 of 3 : johngw\_s\_20140401\_690.jpg



The agricultural ditch runs along the toe of the levee. Spring 2014

<p><b>* Location</b></p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p><b>** Rating</b></p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p> <p>N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor &amp; Maintain</p>	<p><b>+ Issue Type</b></p> <p>Ma : Maintenance Deficiency Ob : Design &amp; System Obsolescence En : Enforcement</p>
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	4.40	03/25/2014 03/25/2014	John Williamson

LM Start	<b>2.81</b>	Rating **	M	Issue No.	<b>4</b>
LM End	<b>2.81</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.810508 °	38.810508 °
				-121.770602 °	-121.770602 °
DWR ID	DWR_RD0787_01_s_2014_4				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

Photo 1 of 1 : johngw\_s\_20140401\_691.jpg



Large rodent burrows on the landside levee slope. Spring 2014

LM Start	<b>3.11</b>	Rating **	M	Issue No.	<b>14</b>
LM End	<b>4.37</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.812963 °	38.822302 °
				-121.774880 °	-121.795295 °
DWR ID	DWR_RD0787_01_s_2012_14				
Action/Comments					
Ditch					

Photo 1 of 3 : johngw\_s\_20140306\_977.jpg



Ditch along landside toe.

LM Start	<b>3.11</b>	Rating **	M	Issue No.	<b>14 (cont)</b>
LM End	<b>4.37</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : johngw\_s\_20140306\_978.jpg



A current view of the agricultural ditch photo taken in fall of 2011.

<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
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LM End	<b>4.37</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.812963 °	38.822302 °
				-121.774880 °	-121.795295 °
DWR ID	DWR_RD0787_01_s_2012_14				
Action/Comments					
Ditch					

Photo 3 of 3 : johngw\_s\_20140401\_689.jpg



The agricultural ditch runs along the toe of the levee slope. Spring 2014

<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
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