

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2014 Levee Maintenance Deficiency Summary Report**

**Overall LMA & Unit Ratings, including USACE Erosion Survey**

**Sacramento River Basin**

RD0817 Reclamation District No. 0817 Carlin	Overall LMA Rating	Total LMA Miles						
	<b>U</b>	<b>8.99</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation		0.96	3.84	42.71%	0.01			
Encroachments					2.48			
Animal Control		0.01	0.04	0.44%				
Slope Stability							1.11	
<i>Interior Drainage &amp; Piping Systems</i>								
Culverts: Inlets / Outlets	0.07		0.07	0.78%				
Culverts: Breaks / Holes / Cracks		0.02	0.08	0.89%				
<i>Supplemental</i>								
DWR UCIP Field Study					0.07			
<i>LMA Totals:</i>	0.07	0.99	4.03	44.83%	2.56	0.00	1.11	0.00

  

RD0817 Unit No. 01 South Dry Creek LB	Overall Unit Rating	Total Unit Miles						
	<b>A</b>	<b>3.81</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Encroachments					2.07			
<i>Supplemental</i>								
DWR UCIP Field Study					0.01			
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	2.08	0.00	0.00	0.00

  

RD0817 Unit No. 02 Bear River RB	Overall Unit Rating	Total Unit Miles	* Overall Unit Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall Unit Rating is M instead of A.					
	<b>M *</b>	<b>3.86</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation		0.01	0.04	1.04%	0.01			
Animal Control		0.01	0.04	1.04%				
Slope Stability							1.11	
<i>Supplemental</i>								
DWR UCIP Field Study					0.01			
<i>Unit Totals:</i>	0.00	0.02	0.08	2.07% *	0.02	0.00	1.11	0.00

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2014 Levee Maintenance Deficiency Summary Report  
Overall LMA & Unit Ratings, including USACE Erosion Survey**

**Sacramento River Basin (cont.)**

Unit No. 03 South Dry Creek RB RD0817	Overall Unit Rating	Total Unit Miles							
	<b>U</b>	<b>1.32</b>	Maintenance Deficiency				Enforcement		Design & System Obsolescence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<i>Earthen Levee</i>									
Vegetation		0.95	3.80	288.02%					
Encroachments					0.41				
<i>Interior Drainage &amp; Piping Systems</i>									
Culverts: Inlets / Outlets	0.07		0.07	5.31%					
Culverts: Breaks / Holes / Cracks		0.02	0.08	6.06%					
<i>Supplemental</i>									
DWR UCIP Field Study					0.05				
<i>Unit Totals:</i>	0.07	0.97	3.95	299.39%	0.46	0.00	0.00	0.00	

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Fall 2014 Levee Inspection Results**

**Reclamation District No. 0817 Carlin**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			<b>U</b>	

\*\* 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**

**Fall 2014 Levee Inspection Results**

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles
Unit No. 01 South Dry Creek	Left	3.81

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>A</b>	
Date of Inspection	04/24/2014 - 04/24/2014		10/16/2014 - 10/16/2014	
DWR Inspector	Matthew Hoffman		Matthew Hoffman	
Accompanied By	Joe Conant RD 817		Joe Conant RD 817	
	Tom Engler RD 817		Tom Engler RD 817	

**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>

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*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 - Fall 2014**

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	3.81	10/16/2014 10/16/2014	Matthew Hoffman

LM Start		Rating **	A	Issue No.	5
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training				
DWR ID	DWR_RD0817_01_f_2014_5				
Action/Comments					
Inspector Comments: LMA regularly attends flood fight training put on by RD784 and DWR .					

No Photos

LM Start		Rating **	A	Issue No.	9
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals				
DWR ID	DWR_RD0817_01_s_2013_9				
Action/Comments					
Inspector Comments: The manuals are located at Tom Englers office and at Joe Conant's office.					

No Photos

LM Start		Rating **	A	Issue No.	10
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment				
DWR ID	DWR_RD0817_01_s_2013_10				
Action/Comments					
Inspector Comments: LMA stated that they have approx. 2500 sandbags and related flood fight material located in a mini storage in downtown Wheatland.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable 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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**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	3.81	10/16/2014 10/16/2014	Matthew Hoffman

LM Start	<b>1.34</b>	Rating **	M	Issue No.	<b>1</b>
LM End	<b>1.34</b>	Issue Type +	En	Location *	N/A
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.997961 °	38.997961 °	
			-121.488455 °	-121.488455 °	
DWR ID	DWR_RD0817_01_f_2014_1				
Action/Comments					
Inspector Comments: FS_ID:12286 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Damaged slide gate on WS of the levee not properly abandoned. FIELD_STRUCT_DESC: Abandoned 18-inch corrugated metal drainpipe through levee, 14.9 feet below the crown. Slide gate on the waterward end. O&M Manual Sac 146, November 1962. FS Date: 4/16/2013					

No Photos

LM Start	<b>1.74</b>	Rating **	M	Issue No.	<b>8</b>
LM End	<b>3.81</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.002941 °	39.019763 °	
			-121.484856 °	-121.454151 °	
DWR ID	DWR_RD0817_01_s_2013_8				
Action/Comments					
Fence Inspector Comments: Wire fence at L/S levee toe.					

Photo 1 of 1 : FA\_2014\_RD0817\_12\_8\_20141013\_00002.jpg



Wire fence at L/S levee toe.

LM Start	<b>2.10</b>	Rating **	A	Issue No.	<b>2</b>
LM End	<b>2.10</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.007115 °	39.007115 °	
			-121.481094 °	-121.481094 °	
DWR ID	DWR_RD0817_01_f_2014_2				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : FA\_2014\_RD0817\_12\_2\_20141017\_00005.jpg



This photo was taken from the crown facing west looking down the landward levee slope at acceptable vegetation maintenance. Fall 2014.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> 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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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2014 Levee Inspection Results**

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles
Unit No. 02 Bear River	Right	3.86

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>M</b>	
Date of Inspection	04/24/2014 - 04/24/2014		10/16/2014 - 10/16/2014	
DWR Inspector	Matthew Hoffman		Matthew Hoffman	
Accompanied By	Joe Conant RD 817		Joe Conant RD 817	
	Tom Engler RD 817		Tom Engler RD 817	

**Summer & Winter Inspections**

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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.

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**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	3.86	10/16/2014 10/16/2014	Matthew Hoffman

LM Start	<b>0.01</b>	Rating **	A/W	Issue No.	<b>5</b>
LM End	<b>1.19</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.984502 °	38.985971 °	
			-121.505957 °	-121.484564 °	
DWR ID	DWR_RD0817_02_f_2012_5				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 1 of 1 : FA\_2014\_RD0817\_13\_5\_20141013\_00001.jpg



This photo was taken from the levee crown facing east looking down the landward levee slope at vegetation requiring maintenance. Spring 2014.

LM Start	<b>0.01</b>	Rating **	A/W	Issue No.	<b>7</b>
LM End	<b>1.19</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.984502 °	38.985971 °	
			-121.505958 °	-121.484564 °	
DWR ID	DWR_RD0817_02_f_2012_7				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	<b>0.27</b>	Rating **	U	Issue No.	<b>9</b>
LM End	<b>0.27</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.984308 °	38.984308 °	
			-121.501561 °	-121.501561 °	
DWR ID	DWR_RD0817_02_f_2013_9				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Berry bushes have been sprayed but still need to be removed.					

Photo 1 of 1 : FA\_2014\_RD0817\_13\_9\_20141013\_00003.jpg



This photo was taken from the crown of the levee facing east looking at the blackberry bushes on the landward slope of the levee. They have been sprayed but still need to be removed.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> 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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**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	3.86	10/16/2014 10/16/2014	Matthew Hoffman

LM Start	<b>1.54</b>	Rating **	<b>C</b>	Issue No.	<b>11</b>
LM End	<b>1.54</b>	Issue Type +	<b>En</b>	Location *	<b>LS</b>
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.986864 °	38.986864 °	
			-121.478243 °	-121.478243 °	
DWR ID	DWR_RD0817_02_s_2013_11				
Action/Comments					
Prunings					

No Photos

LM Start	<b>1.76</b>	Rating **	<b>M</b>	Issue No.	<b>2</b>
LM End	<b>1.76</b>	Issue Type +	<b>En</b>	Location *	<b>LS</b>
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.987851 °	38.987851 °	
			-121.474383 °	-121.474383 °	
DWR ID	DWR_RD0817_02_f_2013_2				
Action/Comments					
Landscaping					

No Photos

LM Start	<b>1.96</b>	Rating **	<b>C</b>	Issue No.	<b>3</b>
LM End	<b>1.96</b>	Issue Type +	<b>En</b>	Location *	<b>LS</b>
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.988759 °	38.988759 °	
			-121.470871 °	-121.470871 °	
DWR ID	DWR_RD0817_02_f_2013_3				
Action/Comments					
Prunings					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable 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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**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	3.86	10/16/2014 10/16/2014	Matthew Hoffman

LM Start	<b>2.05</b>	Rating **	<b>C</b>	Issue No.	<b>8</b>
LM End	<b>2.05</b>	Issue Type +	<b>Ma</b>	Location *	<b>WS</b>
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.989180 °	38.989180 °	
			-121.469291 °	-121.469291 °	
DWR ID	DWR_RD0817_02_f_2014_8				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

No Photos

LM Start	<b>2.08</b>	Rating **	<b>M</b>	Issue No.	<b>10</b>
LM End	<b>3.19</b>	Issue Type +	<b>Ob</b>	Location *	<b>N/A</b>
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.989338 °	38.994124 °	
			-121.468640 °	-121.449448 °	
DWR ID	DWR_RD0817_02_s_2012_10				
Action/Comments					
Repair slope instability. Inspector Comments: The levee is oversteepend at this location. The LMA states that it has always been like this and the USACE did not finish constructing the levee here.					

Photo 1 of 1 : FA\_2014\_RD0817\_13\_10\_20141013\_00004.jpg



Levee mile 2.08, this photo shows the slope is less than required, this is the downstream limit of the site, this is the waterside slope.

LM Start	<b>2.12</b>	Rating **	<b>C</b>	Issue No.	<b>13</b>
LM End	<b>2.92</b>	Issue Type +	<b>Ma</b>	Location *	<b>WS</b>
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.989468 °	38.992609 °	
			-121.468106 °	-121.453976 °	
DWR ID	DWR_RD0817_02_f_2013_13				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> 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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**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	3.86	10/16/2014 10/16/2014	Matthew Hoffman

LM Start	<b>2.12</b>	Rating **	A/W	Issue No.	<b>12</b>
LM End	<b>2.92</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.989469 °	38.992608 °	
			-121.468106 °	-121.453976 °	
DWR ID	DWR_RD0817_02_f_2013_12				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	<b>2.17</b>	Rating **	U	Issue No.	<b>14</b>
LM End	<b>2.17</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.989727 °	38.989727 °	
			-121.467162 °	-121.467162 °	
DWR ID	DWR_RD0817_02_f_2013_14				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: Medium sized animal burrow in the the waterward side of the levee slope.					

Photo 1 of 1 : FA\_2014\_RD0817\_13\_14\_20141013\_00006.jpg



This photo was taken from the crown of the levee facing east looking at a medium sized animal burrow in the the waterward side of the levee slope.

LM Start	<b>2.40</b>	Rating **	M	Issue No.	<b>1</b>
LM End	<b>2.40</b>	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.990705 °	38.990705 °	
			-121.463377 °	-121.463377 °	
DWR ID	DWR_RD0817_02_f_2014_1				
Action/Comments					
Inspector Comments: FS_ID:12328 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Not properly abandoned crossing. FIELD_STRUCT_DESC: An abandoned 24-inch pipe through the levee, 12.0 feet below the crown. Slide gate in corrugated metal pipe riser on the waterward slope. Abandoned pump and concrete riser on the bank. A tall CMP riser with 8-inch siphon breaker pipe at the landward toe. FS Date: 4/17/2013					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2014 Levee Inspection Results**

**Reclamation District No. 0817 Carlin**

Waterway		Bank	Unit Miles	
Unit No. 03 South Dry Creek		Right	1.32	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>U</b>	
Date of Inspection	04/09/2014 - 04/09/2014		10/01/2014 - 10/01/2014	
DWR Inspector	Matthew Hoffman		Matthew Hoffman	
Accompanied By	Patrick Meagher RD 784		Patrick Meagher RD 784	

**Summer & Winter Inspections**

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**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 South Dry Creek	Right	1.32	10/01/2014 10/01/2014	Matthew Hoffman

LM Start	<b>0.27</b>	Rating **	M	Issue No.	<b>2</b>
LM End	<b>0.27</b>	Issue Type +	En	Location *	CR
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.987762 °	38.987762 °	
			-121.506271 °	-121.506271 °	
DWR ID	DWR_RD0784_06_f_2014_2				
Action/Comments					
Inspector Comments: FS_ID:29297 EP_NO: N/A Repair Type: Crossing Status: UCIP Comments: Flap gate partially blocked by vegetation at outlet. FIELD_STRUCT_DESC: 18-inch CM drain pipe through the levee 19.5-feet below the crown. Flap gate and headwall on waterward side. Originally included in O+M Manual (1955). FS Date: 2/13/2014 9:28:16 AM					

No Photos

LM Start	<b>0.54</b>	Rating **	M	Issue No.	<b>3</b>
LM End	<b>0.54</b>	Issue Type +	En	Location *	CR
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.989915 °	38.989915 °	
			-121.502113 °	-121.502113 °	
DWR ID	DWR_RD0784_06_f_2014_3				
Action/Comments					
Inspector Comments: FS_ID:29145 EP_NO: N/A Repair Type: Crossing Status: UCIP Comments: Pipe heavily corroded and failing at inlet an outlet. FIELD_STRUCT_DESC: 24-inch CM drain pipe through the levee 20.5-feet below the crown. Flap gate and headwall on waterward side. Originally included in O+M Manual (1955). FS Date: 3/25/2013					

No Photos

LM Start	<b>0.54</b>	Rating **	U	Issue No.	<b>8</b>
LM End	<b>0.79</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.989961 °	38.992220 °	
			-121.502009 °	-121.498198 °	
DWR ID	DWR_RD0784_06_f_2012_8				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Dense berry bushes along lower slope.					

Photo 1 of 1 : FA\_2014\_RD0784\_183\_8\_20140929\_00001.jpg



Levee mile 0.54, the landside slope.

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

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

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 South Dry Creek	Right	1.32	10/01/2014 10/01/2014	Matthew Hoffman

LM Start	<b>0.58</b>	Rating **	U	Issue No.	<b>7</b>
LM End	<b>0.58</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.990201 °	38.990201 °
				-121.501522 °	-121.501522 °
DWR ID	DWR_RD0784_06_f_2012_7				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Berries and saplings on the slope.					

No Photos

LM Start	<b>0.68</b>	Rating **	U	Issue No.	<b>11</b>
LM End	<b>0.68</b>	Issue Type +	Ma	Location *	WS
Category	Interior Drainage & Piping Systems			GPS Latitude/Longitude	
				Start	End
Item	Culverts: Breaks / Holes / Cracks			38.991084 °	38.991084 °
				-121.499871 °	-121.499871 °
DWR ID	DWR_RD0784_06_f_2012_11				
Action/Comments					

Photo 1 of 3 : FA\_2014\_RD0784\_183\_11\_20140929\_00004.jpg



Levee mile 0.68, this is located near the low flow channel, the flap gate is lying on the ground, the end of the pipe was not located.

LM Start	<b>0.68</b>	Rating **	U	Issue No.	<b>11 (cont)</b>
LM End	<b>0.68</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : FA\_2014\_RD0784\_183\_11\_20140929\_00005.jpg



L/S Intake at LM 0.68

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> 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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**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 South Dry Creek	Right	1.32	10/01/2014 10/01/2014	Matthew Hoffman

LM Start	<b>0.68</b>	Rating **	U	Issue No.	<b>11 (cont)</b>
LM End	<b>0.68</b>	Issue Type +	Ma	Location *	WS
Category	Interior Drainage & Piping Systems		GPS Latitude/Longitude		
			Start	End	
Item	Culverts: Breaks / Holes / Cracks		38.991084 °	38.991084 °	
			-121.499871 °	-121.499871 °	
DWR ID	DWR_RD0784_06_f_2012_11				
Action/Comments					

Photo 3 of 3 : FA\_2014\_RD0784\_183\_11\_20140929\_00006.jpg



CMP is rusting and has numerous holes but flap gate is in place.  
4/25/13 - Burnett

LM Start	<b>0.69</b>	Rating **	M	Issue No.	<b>4</b>
LM End	<b>0.69</b>	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.991062 °	38.991062 °	
			-121.499886 °	-121.499886 °	
DWR ID	DWR_RD0784_06_f_2014_4				
Action/Comments					
Inspector Comments: FS_ID:29146 EP_NO: N/A Repair Type: Crossing Status: UCIP Comments: Corrosion holes on WS toe and flap gate is blocked by debris. Flap gate broken. Inlet partially blocked at concrete inlet. FIELD_STRUCT_DESC: 24-inch CM drain pipe through the levee 20.0-feet below the crown. Flap gate and headwall on waterward side. 56X34-inch concrete inlet on LS toe. Originally included in O+M Manual (1955). FS Date: 3/25/2013					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable 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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**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 South Dry Creek	Right	1.32	10/01/2014 10/01/2014	Matthew Hoffman

LM Start	<b>0.85</b>	Rating **	M	Issue No.	<b>15</b>
LM End	<b>1.26</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.992669 °	38.996885 °	
			-121.497525 °	-121.491956 °	
DWR ID	DWR_RD0784_06_s_2013_15				
Action/Comments					
Fence					

Photo 1 of 1 : FA\_2014\_RD0784\_183\_15\_20140929\_00008.jpg



Wire fence along L/S toe.

LM Start	<b>0.85</b>	Rating **	C	Issue No.	<b>9</b>
LM End	<b>0.85</b>	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.992657 °	38.992657 °	
			-121.497542 °	-121.497542 °	
DWR ID	DWR_RD0784_06_f_2012_9				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	<b>1.17</b>	Rating **	U	Issue No.	<b>10</b>
LM End	<b>1.17</b>	Issue Type +	Ma	Location *	WS
Category	Interior Drainage & Piping Systems		GPS Latitude/Longitude		
			Start	End	
Item	Culverts: Breaks / Holes / Cracks		38.995856 °	38.995856 °	
			-121.493110 °	-121.493110 °	
DWR ID	DWR_RD0784_06_f_2012_10				
Action/Comments					

Photo 1 of 1 : FA\_2014\_RD0784\_183\_10\_20140929\_00003.jpg



Levee mile 1.17 near the low flow channel, it appears a smaller pipe has been sleeved into the larger pipe, the flap gate does not make contact with the smaller pipe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> 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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**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 South Dry Creek	Right	1.32	10/01/2014 10/01/2014	Matthew Hoffman

LM Start	<b>1.18</b>	Rating **	M	Issue No.	<b>6</b>
LM End	<b>1.18</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.995852 °	38.995852 °
				-121.493111 °	-121.493111 °
DWR ID	DWR_RD0784_06_f_2014_6				
Action/Comments					
Inspector Comments: FS_ID:29147 EP_NO: N/A Repair Type: Crossing Status: UCIP Comments: Pipe heavily corroded and damaged. 8-inch PVC pipe runs through pipe/possibly for irrigation. CMP heavily rusted on WS toe and debris blocking flap gate on WS toe. FIELD_STRUCT_DESC: 20-inch CM drain pipe through the levee 16.5-feet below the crown. Flap gate on waterward side. Originally included in O+M Manual (1955). FS Date: 3/25/2013					

No Photos

LM Start	<b>1.26</b>	Rating **	M	Issue No.	<b>16</b>
LM End	<b>1.33</b>	Issue Type +	Ma	Location *	WS
Category	Interior Drainage & Piping Systems			GPS Latitude/Longitude	
				Start	End
Item	Culverts: Inlets / Outlets				
DWR ID	DWR_RD0784_06_f_2012_16				
Action/Comments					

Photo 1 of 1 : FA\_2014\_RD0784\_183\_16\_20140929\_00009.jpg



Levee mile 1.33 waterside of the levee, this pipe appears to be sleeved into a larger pipe, access to both ends is limited.

LM Start	<b>1.27</b>	Rating **	U	Issue No.	<b>12</b>
LM End	<b>1.50</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.997019 °	38.997019 °
				-121.491802 °	-121.490147 °
DWR ID	DWR_RD0784_06_f_2012_12				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

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

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

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 South Dry Creek	Right	1.32	10/01/2014 10/01/2014	Matthew Hoffman

LM Start	<b>1.27</b>	Rating **	<b>U</b>	Issue No.	<b>13</b>
LM End	<b>1.50</b>	Issue Type +	<b>Ma</b>	Location *	<b>WS</b>
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.997019 °	38.999719 °	
			-121.491802 °	-121.490148 °	
DWR ID	DWR_RD0784_06_f_2012_13				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	<b>1.27</b>	Rating **	<b>U</b>	Issue No.	<b>14</b>
LM End	<b>1.50</b>	Issue Type +	<b>Ma</b>	Location *	<b>CR</b>
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.997019 °	38.999719 °	
			-121.491802 °	-121.490147 °	
DWR ID	DWR_RD0784_06_f_2012_14				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 1 of 1 : FA\_2014\_RD0784\_183\_14\_20140929\_00007.jpg



Levee mile 1.27 looking upstream, typical of the levee from 1.27 to 1.50.

<b>* Location</b> LS : Land Side    N/A : Not Applicable 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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