

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2014 Levee Maintenance Deficiency Summary Report**

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

**Sacramento River Basin**

<b>RD0827</b>	Overall LMA Rating	Total LMA Miles						
<b>Reclamation District No. 0827 Elkhorn</b>	<b>A</b>	<b>4.12</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					0.54			
Slope Stability	0.01		0.01	0.24%				
Erosion / Bank Caving	0.01		0.01	0.24%				
Cracking								0.13
<i>Supplemental</i>								
DWR UCIP Field Study					0.04	0.01		
<i>LMA Totals:</i>	0.02	0.00	0.02	0.49%	0.58	0.01	0.00	0.13

<b>Unit No. 01 Sacramento River RB</b>	Overall Unit Rating	Total Unit Miles						
<b>RD0827</b>	<b>A</b>	<b>1.34</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					0.02			
Erosion / Bank Caving	0.01		0.01	0.75%				
<i>Supplemental</i>								
DWR UCIP Field Study					0.02			
<i>Unit Totals:</i>	0.01	0.00	0.01	0.75%	0.04	0.00	0.00	0.00

<b>Unit No. 02 Yolo Bypass LB</b>	Overall Unit Rating	Total Unit Miles						
<b>RD0827</b>	<b>A</b>	<b>2.78</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					0.52			
Slope Stability	0.01		0.01	0.36%				
Cracking								0.13
<i>Supplemental</i>								
DWR UCIP Field Study					0.02	0.01		
<i>Unit Totals:</i>	0.01	0.00	0.01	0.36%	0.54	0.01	0.00	0.13

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

**Reclamation District No. 0827 Elkhorn**

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	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. 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. 0827 Elkhorn**

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Right	1.34
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	03/18/2014 - 03/18/2014		10/22/2014 - 10/22/2014	
DWR Inspector	John Williamson		Clay Thomas	
Accompanied By	Dan Ramos Ramco, RD 827		Dan Ramos Ramco, RD 827	

**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 - Fall 2014**

**Reclamation District No. 0827 Elkhorn**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.34	10/22/2014 10/22/2014	Clay Thomas

LM Start		Rating **	A	Issue No.	5		
LM End		Issue Type +	Ma	Location *	N/A		
Category	Earthen Levee			GPS Latitude/Longitude			
				Start		End	
Item	Operations & Maintenance Manuals				°		°
					°		°
DWR ID	DWR_RD0827_01_s_2013_5						
Action/Comments							
Inspector Comments: RD 827 has a copy of the evee manuals.							

No Photos

LM Start		Rating **	A	Issue No.	7
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment				°
					°
DWR ID	DWR_RD0827_01_s_2013_7				
Action/Comments					
Inspector Comments: RD 827 shares a maintained stockpile of Flood Response Material with RD 784.					

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	Flood Preparedness & Training				°		°
					°		°
DWR ID	DWR_RD0827_01_f_2014_9						
Action/Comments							
Inspector Comments: RD 827 works jointly with RD 784 on Flood Preparedness and Training.							

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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## Reclamation District No. 0827 Elkhorn

**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 0827 Elkhorn**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.34	10/22/2014 10/22/2014	Clay Thomas

LM Start	0.28	Rating **	C	Issue No.	112
LM End	0.28	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.672170 °	38.672170 °
				-121.627049 °	-121.627049 °
DWR ID	DWR_RD0827_01_s_2014_112				
Action/Comments					
Repair the levee slope damaged by livestock and prevent large animal access.					

No Photos

LM Start	0.31	Rating **	C	Issue No.	2
LM End	0.37	Issue Type +	Ob	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.671959 °	38.671376 °
				-121.626305 °	-121.625608 °
DWR ID	DWR_RD0827_01_s_2012_2				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

No Photos

LM Start	0.42	Rating **	M	Issue No.	110
LM End	0.42	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.670829 °	38.670829 °
				-121.624921 °	-121.624921 °
DWR ID	DWR_RD0827_01_s_2014_110				
Action/Comments					
Debris					

Photo 1 of 1 : FA\_2014\_RD0827\_187\_110\_20141014\_00012.jpg



Debris from the railroad is stacked along the crown shoulder. Spring 2014

**\* Location**  
LS : Land Side    N/A : Not Applicable  
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



**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 0827 Elkhorn**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.34	10/22/2014 10/22/2014	Clay Thomas

LM Start	0.54	Rating **	C	Issue No.	13
LM End	0.54	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.669445 °	38.669445 °
				-121.623574 °	-121.623574 °
DWR ID	DWR_RD0827_01_s_2012_13				
Action/Comments					
Tree stumps.					

No Photos

LM Start	0.61	Rating **	A/W	Issue No.	22
LM End	0.92	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.668873 °	38.665750 °
				-121.622513 °	-121.618523 °
DWR ID	DWR_RD0827_01_s_2012_22				
Action/Comments					
Environmental Requirements.					

Photo 1 of 5 : FA\_2014\_RD0827\_187\_22\_20141014\_00004.jpg



Revegetation site with fencing, irrigation and stakes to hold netting.  
Photo taken spring 2012.

LM Start	<b>0.61</b>	Rating **	A/W	Issue No.	<b>22 (cont)</b>
LM End	<b>0.92</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 5 : FA\_2014\_RD0827\_187\_22\_20141014\_00005.jpg



Revegetation site spring 2012.

<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. 0827 Elkhorn**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.34	10/22/2014 10/22/2014	Clay Thomas

LM Start	0.61	Rating **	A/W	Issue No.	22 (cont)	
LM End	0.92	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.668873 °		38.665750 °
				-121.622513 °		-121.618523 °
DWR ID	DWR_RD0827_01_s_2012_22					
Action/Comments						
Environmental Requirements.						

Photo 3 of 5 : FA\_2014\_RD0827\_187\_22\_20141014\_00006.jpg



Another view of the revegetation site. Spring 2014

Photo 4 of 5 : FA\_2014\_RD0827\_187\_22\_20141014\_00007.jpg



The vegetation continues to grow taller. It makes visibility hard. Spring 2014

Photo 5 of 5 : FA\_2014\_RD0827\_187\_22\_20141014\_00008.jpg



The revegetation site has grown and blocks visibility. Spring 2013

LM Start	<b>0.61</b>	Rating **	A/W	Issue No.	<b>22 (cont)</b>
LM End	<b>0.92</b>	Issue Type +	Ma	Location *	WS

**\* Location**  
LS : Land Side    N/A : Not Applicable  
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



**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 0827 Elkhorn**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.34	10/22/2014 10/22/2014	Clay Thomas

LM Start	0.73	Rating **	M	Issue No.	1
LM End	0.73	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.667731 °	38.667731 °
				-121.620992 °	-121.620992 °
DWR ID	DWR_RD0827_01_f_2014_1				
Action/Comments					
Inspector Comments: FS_ID:38983					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Need to contact owner to obtain additional information for this crossing. This crossing does not match original					

No Photos

LM Start	0.92	Rating **	C	Issue No.	23
LM End	1.33	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.665777 °	38.661267 °
				-121.618523 °	-121.613803 °
DWR ID	DWR_RD0827_01_s_2012_23				
Action/Comments					
Trees / Woody Vegetation					

No Photos

LM Start	1.35	Rating **	M	Issue No.	3
LM End	1.35	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.661210 °	38.661210 °
				-121.613030 °	-121.613030 °
DWR ID	DWR_RD0827_01_f_2014_3				
Action/Comments					
Inspector Comments: FS_ID:39703					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Not Found					
UCIP Comments: No pipe was found only what appears to be an abandoned pump house on landward side. Need to contact owner to determine status of crossing.					
FIELD_STRUCT_DESC: 30-inch steel pipe through the levee, 9.1 feet below the crown. Pump in pumphouse on landward side not waterward side as mentioned in desk study. (USACE-1955). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (RM 69.50).					
FS Date: 3/18/2014					

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**

**Unit Cover Sheet**

**Fall 2014 Levee Inspection Results**

**Reclamation District No. 0827 Elkhorn**

Waterway			Bank	Unit Miles
Unit No. 02 Yolo Bypass			Left	2.78
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	03/18/2014 - 03/18/2014		10/22/2014 - 10/22/2014	
DWR Inspector	John Williamson		Clay Thomas	
Accompanied By	Dan Ramos Ramco		Dan Ramos Ramco, RD 827	

**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 - Fall 2014**

**Reclamation District No. 0827 Elkhorn**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	2.78	10/22/2014 10/22/2014	Clay Thomas

LM Start	0.00	Rating **	A	Issue No.	8
LM End	2.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation				°
					°
DWR ID	DWR_RD0827_02_f_2014_8				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: The land side slope at levee mile 1.71.					

Photo 1 of 1 : FA\_2014\_RD0827\_188\_8\_20141022\_00011.jpg



The land side levee slope at levee mile 1.71. Fall 2014.

LM Start	0.00	Rating **	A	Issue No.	9
LM End	2.80	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation				°
					°
DWR ID	DWR_RD0827_02_f_2014_9				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: The water side levee slope at levee mile 1.71.					

Photo 1 of 1 : FA\_2014\_RD0827\_188\_9\_20141106\_00012.jpg



Levee mile 1.71, vegetation on the water side slope. Fall 2014.

LM Start	0.01	Rating **	M	Issue No.	2
LM End	0.53	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.676440 °	38.669401 °
				-121.642747 °	-121.641417 °
DWR ID	DWR_RD0827_02_f_2012_2				
Action/Comments					
Ditch					

Photo 1 of 2 : FA\_2014\_RD0827\_188\_2\_20141014\_00001.jpg



The ditch run along the landside slope. Spring 2014

**\* Location**

LS : Land Side    N/A : Not Applicable  
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

**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 0827 Elkhorn**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	2.78	10/22/2014 10/22/2014	Clay Thomas

LM Start	0.01	Rating **	M	Issue No.	2 (cont)	
LM End	0.53	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.676440 °		38.669401 °
				-121.642747 °		-121.641417 °
DWR ID	DWR_RD0827_02_f_2012_2					
Action/Comments						
Ditch						

Photo 2 of 2 : FA\_2014\_RD0827\_188\_2\_20141014\_00002.jpg



Ditch runs along the landside toe. Photo fall 2012.

LM Start	0.11	Rating **	N	Issue No.	4
LM End	0.11	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.675236 °	38.675236 °
				-121.642985 °	-121.642985 °
DWR ID	DWR_RD0827_02_s_2012_4				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : FA\_2014\_RD0827\_188\_4\_20141014\_00005.jpg



A tree stump on the levee shoulder. Photo fall 2012.

LM Start	0.65	Rating **	C	Issue No.	197
LM End	0.65	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.667872 °	38.667872 °
				-121.640599 °	-121.640599 °
DWR ID	DWR_RD0827_02_s_2014_197				
Action/Comments					
Repair the levee slope damaged by livestock and prevent large animal access.					

No Photos

**\* Location**  
 LS : Land Side    N/A : Not Applicable  
 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

**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 0827 Elkhorn**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	2.78	10/22/2014 10/22/2014	Clay Thomas

LM Start	1.06	Rating **	U	Issue No.	1
LM End	1.06	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.662955 °	38.662955 °
				-121.636489 °	-121.636489 °
DWR ID	DWR_RD0827_02_f_2014_1				
Action/Comments					
Inspector Comments: FS_ID:38982 EP_NO: 17403 Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: No markers visible on either banks. Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. FIELD_STRUCT_DESC: 2.375-inch diameter steel natural gas pipeline across and under (bored) the left (east) bank levee of Yolo Bypass and Tule Canal. (Permit No. 17403-2007) FS Date: 3/18/2014					

No Photos

LM Start	2.03	Rating **	U	Issue No.	5
LM End	2.16	Issue Type +	Ob	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			38.651316 °	38.649804 °
				-121.626680 °	-121.625759 °
DWR ID	DWR_RD0827_02_f_2013_5				
Action/Comments					
Monitor and have inspected by geotechnical engineer.					

Photo 1 of 1 : FA\_2014\_RD0827\_188\_5\_20141014\_00006.jpg



The crack is 4-6 inches wide and 3 feet deep with a length of 6 feet. Fall 2013

<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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# Reclamation District No. 0827 Elkhorn

**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 0827 Elkhorn**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	2.78	10/22/2014 10/22/2014	Clay Thomas

LM Start	2.76	Rating **	M	Issue No.	6
LM End	2.76	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.641922 °	38.641922 °
				-121.620884 °	-121.620884 °
DWR ID	DWR_RD0827_02_f_2014_6				
Action/Comments					
Inspector Comments: FS_ID:38984 EP_NO: 3277 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Crossing appears to have been removed and replaced under maintenance back in 2008. No permit has been found--need to contact owner to obtain additional information about replacement. Landward slope sloughing--does not appear to be associated with crossing. Landward slope is being monitored by LMA. FIELD_STRUCT_DESC: 18-inch (not 20-inch as noted in desk study) steel drainpipe through the levee, 4.0 feet below the crown. Cutoff wall around pipe at center of levee. Siphon breaker on apex of pipe at waterward shoulder. Pump on pipe structure in drainage ditch at landward toe. Rock revetment on waterward slope. Pipe retained through levee and updates required to crossing under Permit No. 3277 (1960). FS Date: 3/18/2014					

No Photos

LM Start	2.79	Rating **	M	Issue No.	7
LM End	2.79	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.641633 °	38.641633 °
				-121.620725 °	-121.620725 °
DWR ID	DWR_RD0827_02_f_2014_7				
Action/Comments					
Inspector Comments: FS_ID:33032 EP_NO: 5611 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Crossing appears to have been removed and replaced under maintenance back in 2008. No permit has been found--need to contact owner to obtain additional information about replacement. FIELD_STRUCT_DESC: [RD No. 827 Pumping Plant] 22-inch (not 24-inch as mentioned in desk study) steel drainpipe through the levee, 8.0 feet below the crown. CM cutoff wall around pipe at center of levee. Siphon breaker on waterward slope. Flap gate on waterward end. Pipe is exposed along waterward slope. (USACE-1955). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 3+75). Portion of pipe was removed and replaced, from landward side to waterward shoulder, under Permit No. 5611 (1968). FS Date: 3/18/2014					

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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