

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2018 Levee Maintenance Deficiency Summary Report**

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

**Sacramento River Basin**

<b>LD0002</b>	Overall LMA Rating	Total LMA Miles						
<b>Levee District No. 0002 (Glenn County)</b>	<b>U</b>	<b>4.90</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	0.13		0.13	2.65%	0.01			
Encroachments	0.03		0.03	0.61%	0.12			
Animal Control	0.08	0.30	1.28	26.12%				
Crown Surface / Depressions / Rutting	0.01		0.01	0.20%				
<i>Supplemental</i>								
2017 USACE Erosion Survey, DRAFT	0.21		0.21	4.29%				
DWR UCIP Field Study					0.14			
<i>LMA Totals:</i>	0.46	0.30	1.66	33.88%	0.27	0.00	0.00	0.00

<b>Unit No. 01 Glenn County Sacramento River RB</b>	Overall Unit Rating	Total Unit Miles						
<b>LD0002</b>	<b>U</b>	<b>4.90</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	0.13		0.13	2.65%	0.01			
Encroachments	0.03		0.03	0.61%	0.12			
Animal Control	0.08	0.30	1.28	26.12%				
Crown Surface / Depressions / Rutting	0.01		0.01	0.20%				
<i>Supplemental</i>								
2017 USACE Erosion Survey, DRAFT	0.21		0.21	4.29%				
DWR UCIP Field Study					0.14			
<i>Unit Totals:</i>	0.46	0.30	1.66	33.88%	0.27	0.00	0.00	0.00

**Flood Control Project Maintenance  
Levee Inspections****LMA District Cover Sheet****Fall 2018 Levee Inspection Results****Levee District No. 0002 (Glenn County)**

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

\*\* 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 2018 Levee Inspection Results**

**Levee District No. 0002 (Glenn County)**

Waterway			Bank	Unit Miles
Unit No. 01 Glenn County Sacramento River			Right	4.90
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>U</b>	
Date of Inspection	3/7/2018 - 3/7/2018		9/10/2018 - 9/10/2018	
DWR Inspector	Bob Duffey		Bob Duffey	
Accompanied By	Dennis Clark LD 2		Dennis Clark LD 2	

**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 2018**

**Levee District No. 0002 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	09/10/2018 09/10/2018	Bob Duffey

LM Start		Rating **	A	Issue No.	14
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_LD0002_01_s_2013_14				
Comment Code					
Inspector Comment					
The LMA has copies of the O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	17
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_LD0002_01_s_2013_17				
Comment Code					
Inspector Comment					
The LMA has adequate flood fight supplies and equipment.					

No Photos

LM Start		Rating **	A	Issue No.	18
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_LD0002_01_s_2013_18				
Comment Code					
Inspector Comment					
The LMA has completed flood fight training in the past. Recommend taking flood fight 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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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Levee District No. 0002 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	09/10/2018 09/10/2018	Bob Duffey

LM Start	0.07	Rating **	M	Issue No.	6
LM End	0.28	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			39.414649 °	39.417689 °
				-122.009853 °	-122.010369 °
DWR ID	DWR_ST0010_02_f_2022_4				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 164.7 R					
Status: Eroding					
2017 Field Notes: New erosion along entire site.					
Site History: 2009 - Very slow retreat, hard toe, encroaching into the levee projection. 2010 - Slowly eroding. 2011 - Site extended downstream.					

Photo 1 of 2 : FA\_2018\_LD0002\_28\_6\_20180905\_00003.jpg



USACE 2013 Photo #1

LM Start	<b>0.07</b>	Rating **	M	Issue No.	<b>6 (cont)</b>
LM End	<b>0.28</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA\_2018\_LD0002\_28\_6\_20180905\_00004.jpg



USACE 2013 Photo #2

<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 2018**

**Levee District No. 0002 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	09/10/2018 09/10/2018	Bob Duffey

LM Start	0.59	Rating **	M	Issue No.	53	
LM End	0.59	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.422088 °	39.422088 °	
				-122.011615 °	-122.011615 °	
DWR ID	24877					
Comment Code						
Inspector Comment						
FS_ID:42083 DS_ID:24877 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine if conduit goes through levee crown. If it does, will need to obtain permit number issued for encroachment. FIELD_STRUCT_DESC: Caltrans traffic control box located on the landside (LS) shoulder. FS Date: 5/16/2013						

Photo 1 of 3 : UCIP\_FA\_2018\_42083\_72882.jpg



View of landward slope.

LM Start	<b>0.59</b>	Rating **	M	Issue No.	<b>53 (cont)</b>
LM End	<b>0.59</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2018\_42083\_72881.jpg



View of levee crown at crossing.

<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 2018**

**Levee District No. 0002 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	09/10/2018 09/10/2018	Bob Duffey

LM Start	0.59	Rating **	M	Issue No.	53 (cont)	
LM End	0.59	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.422088 °	39.422088 °	
				-122.011615 °	-122.011615 °	
DWR ID	24877					
Comment Code						
Inspector Comment						
FS_ID:42083 DS_ID:24877 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine if conduit goes through levee crown. If it does, will need to obtain permit number issued for encroachment. FIELD_STRUCT_DESC: Caltrans traffic control box located on the landside (LS) shoulder. FS Date: 5/16/2013						

Photo 3 of 3 : UCIP\_FA\_2018\_42083\_72880.jpg



Service box located on landward shoulder.

<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 2018**

**Levee District No. 0002 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	09/10/2018 09/10/2018	Bob Duffey

LM Start	0.61	Rating **	M	Issue No.	54	
LM End	0.61	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.422282 °	39.422282 °	
				-122.011634 °	-122.011634 °	
DWR ID	21185					
Comment Code						
Inspector Comment						
FS_ID:38165 DS_ID:21185 EP_NO: 2356 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Three pipes found in the pump house on landward side. Pump house appears to be no longer in use. Unable to locate pipes on waterward side. Will need to contact owner to determine status. Owner will need to coordinate with CVFPB regarding proper removal per Title 23 requirements. FIELD_STRUCT_DESC: [Princeton-Cordora-Glenn Irrigation District: Schaad Pumping Plant] 1 of 3: 28-inch steel pipe sleeved through 30-inch steel pipe through the levee, 20 feet below the crown. Annular gap is grouted. Flap gate on landside (LS) end. Pump in pump house on LS slope. Rock revetment around outlet on waterside (WS) slope. (28- and 34-inch pipes sleeved through existing 30- and 36-inch pipes, permit shows three 36-inch pipes as part of Schaad Pumping Plant p. 17 of 19, authorized under Permit No. 2356, 1956, Princeton-Cordora-Glenn Irrigation District) [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 151, November 1953, (Station 41+47), two 36-inch pipes] FS Date: 5/16/2013						

LM Start	<b>0.61</b>	Rating **	M	Issue No.	<b>54 (cont)</b>
LM End	<b>0.61</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2018\_38165\_69467.jpg



View of levee crown at crossing.

Photo 2 of 3 : UCIP\_FA\_2018\_38165\_69469.jpg



View of Princeton-Cordora-Glenn Irrigation District--Schaad Pumping Plant.

<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 2018**

**Levee District No. 0002 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	09/10/2018 09/10/2018	Bob Duffey

LM Start	0.61	Rating **	M	Issue No.	54 (cont)	
LM End	0.61	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.422282 °		39.422282 °
				-122.011634 °		-122.011634 °
DWR ID	21185					
Comment Code						
Inspector Comment						
FS_ID:38165 DS_ID:21185 EP_NO: 2356 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Three pipes found in the pump house on landward side. Pump house appears to be no longer in use. Unable to locate pipes on waterward side. Will need to contact owner to determine status. Owner will need to coordinate with CVFPB regarding proper removal per Title 23 requirements. FIELD_STRUCT_DESC: [Princeton-Cordora-Glenn Irrigation District: Schaad Pumping Plant] 1 of 3: 28-inch steel pipe sleeved through 30-inch steel pipe through the levee, 20 feet below the crown. Annular gap is grouted. Flap gate on landside (LS) end. Pump in pump house on LS slope. Rock revetment around outlet on waterside (WS) slope. (28- and 34-inch pipes sleeved through existing 30- and 36-inch pipes, permit shows three 36-inch pipes as part of Schaad Pumping Plant p. 17 of 19, authorized under Permit No. 2356, 1956, Princeton-Cordora-Glenn Irrigation District) [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 151, November 1953, (Station 41+47), two 36-inch pipes] FS Date: 5/16/2013						

Photo 3 of 3 : UCIP\_FA\_2018\_38165\_69463.jpg



View of landward side--outlet.

<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 2018**

**Levee District No. 0002 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	09/10/2018 09/10/2018	Bob Duffey

LM Start	0.61	Rating **	M	Issue No.	55	
LM End	0.61	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.422302 °		39.422302 °
				-122.011635 °		-122.011635 °
DWR ID	21184					
Comment Code						
Inspector Comment						
FS_ID:38166 DS_ID:21184 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Three pipes found in the pump house on landward side. Pump house appears to be no longer in use. Unable to locate pipes on waterward side. Will need to contact owner to determine status. Owner will need to coordinate with CVFPB regarding proper removal per Title 23 requirements. FIELD_STRUCT_DESC: [Princeton-Cordora-Glenn Irrigation District: Schaad Pumping Plant] 2 of 3: 34-inch steel pipe sleeved through 36-inch steel pipe through the levee, 20 feet below the crown. Annular gap is grouted. Flap gate on landside (LS) end. Pump in pump house on LS slope. Rock revetment around outlet on waterside (WS) slope. (28- and 34-inch pipes sleeved through existing 30- and 36-inch pipes, permit shows three 36-inch pipes as part of Schaad Pumping Plant p. 17 of 19, authorized under Permit No. 2356, 1956, Princeton-Cordora-Glenn Irrigation District) [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 151, November 1953, (Station 41+47), two 36-inch pipes] FS Date: 5/16/2013						

LM Start	<b>0.61</b>	Rating **	M	Issue No.	<b>55 (cont)</b>
LM End	<b>0.61</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2018\_38166\_69475.jpg



View of levee crown at crossing.

Photo 2 of 3 : UCIP\_FA\_2018\_38166\_69476.jpg



View of Princeton-Cordora-Glenn Irrigation District--Schaad Pumping Plant.

<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 2018**

**Levee District No. 0002 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	09/10/2018 09/10/2018	Bob Duffey

LM Start	0.61	Rating **	M	Issue No.	55 (cont)
LM End	0.61	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.422302 °	39.422302 °
				-122.011635 °	-122.011635 °
DWR ID	21184				
Comment Code					
Inspector Comment					
FS_ID:38166 DS_ID:21184 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Three pipes found in the pump house on landward side. Pump house appears to be no longer in use. Unable to locate pipes on waterward side. Will need to contact owner to determine status. Owner will need to coordinate with CVFPB regarding proper removal per Title 23 requirements. FIELD_STRUCT_DESC: [Princeton-Cordora-Glenn Irrigation District: Schaad Pumping Plant] 2 of 3: 34-inch steel pipe sleeved through 36-inch steel pipe through the levee, 20 feet below the crown. Annular gap is grouted. Flap gate on landside (LS) end. Pump in pump house on LS slope. Rock revetment around outlet on waterside (WS) slope. (28- and 34-inch pipes sleeved through existing 30- and 36-inch pipes, permit shows three 36-inch pipes as part of Schaad Pumping Plant p. 17 of 19, authorized under Permit No. 2356, 1956, Princeton-Cordora-Glenn Irrigation District) [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 151, November 1953, (Station 41+47), two 36-inch pipes] FS Date: 5/16/2013					

Photo 3 of 3 : UCIP\_FA\_2018\_38166\_69477.jpg



View of landward side--outlet.

<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 2018**

**Levee District No. 0002 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	09/10/2018 09/10/2018	Bob Duffey

LM Start	0.61	Rating **	M	Issue No.	56	
LM End	0.61	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.422329 °	39.422329 °	
				-122.011637 °	-122.011637 °	
DWR ID	21171					
Comment Code						
Inspector Comment						
FS_ID:38167 DS_ID:21171 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Three pipes found in the pump house on landward side. Pump house appears to be no longer in use. Unable to locate pipes on waterward side. Will need to contact owner to determine status. Owner will need to coordinate with CVFPB regarding proper removal per Title 23 requirements. FIELD_STRUCT_DESC: [Princeton-Cordora-Glenn Irrigation District: Schaad Pumping Plant] 3 of 3: 34-inch steel pipe sleeved through 36-inch steel pipe through the levee, 20 feet below the crown. Annular gap is grouted. Flap gate on landside (LS) end. Pump in pump house on LS slope. Rock revetment around outlet on waterside (WS) slope. (28- and 34-inch pipes sleeved through existing 30- and 36-inch pipes, permit shows three 36-inch pipes as part of Schaad Pumping Plant p. 17 of 19, authorized under Permit No. 2356, 1956, Princeton-Cordora-Glenn Irrigation District) [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 151, November 1953, (Station 41+47), two 36-inch pipes] FS Date: 5/16/2013						

LM Start	<b>0.61</b>	Rating **	M	Issue No.	<b>56 (cont)</b>
LM End	<b>0.61</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2018\_38167\_69483.jpg



View of levee crown with marker on waterward side.

Photo 2 of 3 : UCIP\_FA\_2018\_38167\_69484.jpg



View of Princeton-Cordora-Glenn Irrigation District-Schaad Pumping Plant.

<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 2018**

**Levee District No. 0002 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	09/10/2018 09/10/2018	Bob Duffey

LM Start	0.61	Rating **	M	Issue No.	56 (cont)	
LM End	0.61	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.422329 °	39.422329 °	
				-122.011637 °	-122.011637 °	
DWR ID	21171					
Comment Code						
Inspector Comment						
FS_ID:38167 DS_ID:21171 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Three pipes found in the pump house on landward side. Pump house appears to be no longer in use. Unable to locate pipes on waterward side. Will need to contact owner to determine status. Owner will need to coordinate with CVFPB regarding proper removal per Title 23 requirements. FIELD_STRUCT_DESC: [Princeton-Cordora-Glenn Irrigation District: Schaad Pumping Plant] 3 of 3: 34-inch steel pipe sleeved through 36-inch steel pipe through the levee, 20 feet below the crown. Annular gap is grouted. Flap gate on landside (LS) end. Pump in pump house on LS slope. Rock revetment around outlet on waterside (WS) slope. (28- and 34-inch pipes sleeved through existing 30- and 36-inch pipes, permit shows three 36-inch pipes as part of Schaad Pumping Plant p. 17 of 19, authorized under Permit No. 2356, 1956, Princeton-Cordora-Glenn Irrigation District) [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 151, November 1953, (Station 41+47), two 36-inch pipes] FS Date: 5/16/2013						

Photo 3 of 3 : UCIP\_FA\_2018\_38167\_69478.jpg



View of landward side--outlet.

<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 2018**

**Levee District No. 0002 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	09/10/2018 09/10/2018	Bob Duffey

LM Start	0.61	Rating **	M	Issue No.	57
LM End	0.61	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.422350 °	39.422350 °
				-122.011637 °	-122.011637 °
DWR ID	21182				
Comment Code					
Inspector Comment					
FS_ID:38168					
DS_ID:21182					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Unable to verify if the pipes inside the existing pump house correlate to 24-inch installed in 1955. Three pipes found in the pump house on landward side. Pump house appears to be no longer in use. Unable to locate pipes on waterward side. Will need to contact owner to determine status.					
FIELD_STRUCT_DESC: [Pumping Plant] 24-inch steel pipe through the levee, 27.3 feet below the crown. Flap gate on landside (LS). Pump in pump house on LS. [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 151, November 1953, (Station 41+47), 24-inch pipe]					
FS Date: 5/16/2013					

LM Start	<b>0.61</b>	Rating **	M	Issue No.	<b>57 (cont)</b>
LM End	<b>0.61</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2018\_38168\_69491.jpg



View of levee crown with marker on waterward side.

Photo 2 of 3 : UCIP\_FA\_2018\_38168\_69493.jpg



View of Princeton-Cordora-Glenn Irrigation District-Schaad Pumping Plant.

<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 2018**

**Levee District No. 0002 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	09/10/2018 09/10/2018	Bob Duffey

LM Start	0.61	Rating **	M	Issue No.	57 (cont)	
LM End	0.61	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.422350 °	39.422350 °	
				-122.011637 °	-122.011637 °	
DWR ID	21182					
Comment Code						
Inspector Comment						
FS_ID:38168						
DS_ID:21182						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Unable to verify if the pipes inside the existing pump house correlate to 24-inch installed in 1955. Three pipes found in the pump house on landward side. Pump house appears to be no longer in use. Unable to locate pipes on waterward side. Will need to contact owner to determine status.						
FIELD_STRUCT_DESC: [Pumping Plant] 24-inch steel pipe through the levee, 27.3 feet below the crown. Flap gate on landside (LS). Pump in pump house on LS. [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 151, November 1953, (Station 41+47), 24-inch pipe]						
FS Date: 5/16/2013						

Photo 3 of 3 : UCIP\_FA\_2018\_38168\_69486.jpg



View of landward side--outlet.

LM Start	0.64	Rating **	M	Issue No.	35
LM End	0.77	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.422805 °	39.424597 °
				-122.011640 °	-122.011527 °
DWR ID	DWR_LD0002_01_s_2018_35				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the vegetation from the waterside slope.					

Photo 1 of 1 : FA\_2018\_LD0002\_28\_35\_20180905\_00018.jpg



View of the vegetation along the waterside slope.

<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 2018**

**Levee District No. 0002 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	09/10/2018 09/10/2018	Bob Duffey

LM Start	1.03	Rating **	M	Issue No.	58	
LM End	1.03	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.428441 °		39.428441 °
				-122.011032 °		-122.011032 °
DWR ID	21177					
Comment Code						
Inspector Comment						
FS_ID:44170						
DS_ID:21177						
EP_NO: 9723						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Owner is listed as Pacific Bell however sign lists AT&T as owner, need to contact owner to determine if permit was updated or if this crossing is listed under new permit. Unable to confirm if 2 crossings are present at this site.						
FIELD_STRUCT_DESC: Buried telephone cable through the levee at unknown depth. Telephone pole and junction box on landside (LS) toe. (telephone cable authorized under Automatic Board Order (ABO) issued as Permit No. 9723-1974, Pacific Telephone Company).						
FS Date: 5/16/2013						

LM Start	<b>1.03</b>	Rating **	M	Issue No.	<b>58 (cont)</b>
LM End	<b>1.03</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2018\_44170\_72602.jpg



Indicators of existing line visible on slope.

Photo 2 of 3 : UCIP\_FA\_2018\_44170\_72601.jpg



AT&T underground cable line.

<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 2018**

**Levee District No. 0002 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	09/10/2018 09/10/2018	Bob Duffey

LM Start	1.03	Rating **	M	Issue No.	58 (cont)	
LM End	1.03	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.428441 °		39.428441 °
				-122.011032 °		-122.011032 °
DWR ID	21177					
Comment Code						
Inspector Comment						
FS_ID:44170 DS_ID:21177 EP_NO: 9723 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Owner is listed as Pacific Bell however sign lists AT&T as owner, need to contact owner to determine if permit was updated or if this crossing is listed under new permit. Unable to confirm if 2 crossings are present at this site. FIELD_STRUCT_DESC: Buried telephone cable through the levee at unknown depth. Telephone pole and junction box on landside (LS) toe. (telephone cable authorized under Automatic Board Order (ABO) issued as Permit No. 9723-1974, Pacific Telephone Company). FS Date: 5/16/2013						

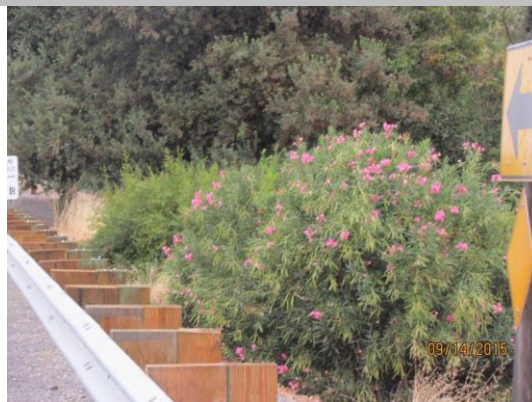
Photo 3 of 3 : UCIP\_FA\_2018\_44170\_72600.jpg



Sign lists Pacific Telephone system.

LM Start	1.03	Rating **	M	Issue No.	30
LM End	1.03	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.428445 °	39.428445 °
				-122.010972 °	-122.010972 °
DWR ID	DWR_LD0002_01_f_2015_30				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Remove the oleanders from the waterside slope.					

Photo 1 of 1 : FA\_2018\_LD0002\_28\_30\_20180905\_00014.jpg



View of the oleanders along the waterside slope.

<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 2018**

**Levee District No. 0002 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	09/10/2018 09/10/2018	Bob Duffey

LM Start	1.15	Rating **	C	Issue No.	29
LM End	1.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.430098 °	39.430098 °
				-122.010828 °	-122.010828 °
DWR ID	DWR_LD0002_01_s_2017_29				
Comment Code					
TR : Tree or limb					
Inspector Comment					
The tree was removed from the waterside slope and toe.					

No Photos

LM Start	1.24	Rating **	C	Issue No.	40
LM End	1.24	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.431499 °	39.431499 °
				-122.010803 °	-122.010803 °
DWR ID	DWR_LD0002_01_f_2013_40				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the tree limbs from the waterside slope.					

No Photos

LM Start	1.40	Rating **	M	Issue No.	34
LM End	1.40	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			39.433809 °	39.433809 °
				-122.010814 °	-122.010814 °
DWR ID	DWR_LD0002_01_f_2016_34				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

Photo 1 of 1 : FA\_2018\_LD0002\_28\_34\_20180905\_00017.jpg



View of a depression on the levee crown looking upstream.

<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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## Levee District No. 0002 (Glenn County)

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Levee District No. 0002 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	09/10/2018 09/10/2018	Bob Duffey

LM Start	<b>2.39</b>	Rating **	M	Issue No.	<b>59</b>
LM End	<b>2.39</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.446534 °	39.446534 °
				-122.016052 °	-122.016052 °
DWR ID	21190				
Comment Code					
Inspector Comment					
FS_ID:42085 DS_ID:21190 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend coming back in the Fall to search for crossing. FIELD_STRUCT_DESC: Pump and tank in concrete box on the waterward side. Power poles on the waterward slope. Channel on waterward side runs parallel to the levee. FS Date: 5/16/2013					

No Photos

LM Start	<b>2.79</b>	Rating **	M	Issue No.	<b>60</b>
LM End	<b>2.79</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.452180 °	39.452180 °
				-122.017100 °	-122.017100 °
DWR ID	21183				
Comment Code					
Inspector Comment					
FS_ID:42086 DS_ID:21183 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Unable to find any signs of crossing. LMA noted that crossing might have been grouted during the adjacent wildlife project. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend coming back in the Fall to search for crossing. FIELD_STRUCT_DESC: 10-inch steel pipe of unknown purpose through the levee, approximately 17 feet below the crown. In 2012, LMA noted that this crossing might have been grouted during the adjacent wildlife project in unknown year however, no records are available to confirm. [Additional Reference(s): USACE Sacramento O&M Manual Unit No. 139, May 1955, (Station 111+17)] FS Date: 5/16/2013					

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 2018**

**Levee District No. 0002 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	09/10/2018 09/10/2018	Bob Duffey

LM Start	2.84	Rating **	M	Issue No.	26
LM End	2.84	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.452822 °	39.452822 °
				-122.017107 °	-122.017107 °
DWR ID	DWR_LD0002_01_f_2018_26				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the limbs from the waterside toe.					

Photo 1 of 1 : FA\_2018\_LD0002\_28\_26\_20181001\_00058.jpg



View of the tree limbs along the land waterside slope.

LM Start	2.91	Rating **	U	Issue No.	2
LM End	2.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.453595 °	39.454003 °
				-122.016273 °	-122.015503 °
DWR ID	DWR_LD0002_01_f_2015_2				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Repair the rodent holes along the landside slope.					

Photo 1 of 2 : FA\_2018\_LD0002\_28\_2\_20180905\_00001.jpg



View of the rodent holes along the landside slope.

LM Start	<b>2.91</b>	Rating **	U	Issue No.	<b>2 (cont)</b>
LM End	<b>2.96</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA\_2018\_LD0002\_28\_2\_20180905\_00002.jpg



View of the rodent holes and bait station along the landside slope.

<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	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

## Levee District No. 0002 (Glenn County)

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Levee District No. 0002 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	09/10/2018 09/10/2018	Bob Duffey

LM Start	3.23	Rating **	M	Issue No.	16 (cont)
LM End	3.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.456192 °	39.456272 °
				-122.011445 °	-122.010163 °
DWR ID	DWR_LD0002_01_f_2012_16				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Grout or fill the rodent holes.					

Photo 2 of 2 : FA\_2018\_LD0002\_28\_16\_20180905\_00010.jpg



View of the rodent holes along the landside slope.

LM Start	3.24	Rating **	M	Issue No.	38
LM End	3.24	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.456202 °	39.456202 °
				-122.011314 °	-122.011314 °
DWR ID	DWR_LD0002_01_s _ 2016_38				
Comment Code					
PR : Prunings					
Inspector Comment					

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 2018**

**Levee District No. 0002 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	09/10/2018 09/10/2018	Bob Duffey

LM Start	3.37	Rating **	M	Issue No.	61	
LM End	3.37	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.456704 °	39.456704 °	
				-122.009621 °	-122.009621 °	
DWR ID	21188					
Comment Code						
Inspector Comment						
FS_ID:44186						
DS_ID:21188						
EP_NO: 12444						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Needs markers 10-feet off both levee toes.						
FIELD_STRUCT_DESC: Buried cable steel conduit through the levee, 2.5 feet below the crown. Conduit extends to pole on waterside (WS). Cut in pavement visible at levee crown (aerial communication cable across left bank levee and channel of the Sacramento River and buried cable across the right bank overflow and through the right bank levee authorized under Permit No. 12444, 1978-Pacific Telephone and Telegraph Company) [Additional Reference(s): DWR Levee Logs, 2005]						
FS Date: 4/1/2015						

LM Start	<b>3.37</b>	Rating **	M	Issue No.	<b>61 (cont)</b>
LM End	<b>3.37</b>	Issue Type +	En	Location *	

Photo 1 of 2 : UCIP\_FA\_2018\_44186\_73606.jpg



Conduit may be visible on pole about 1000-feet west of levee crown.

Photo 2 of 2 : UCIP\_FA\_2018\_44186\_73605.jpg



Cut in pavement at levee crown good indicator of crossing.

<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 2018**

**Levee District No. 0002 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	09/10/2018 09/10/2018	Bob Duffey

LM Start	3.37	Rating **	M	Issue No.	62	
LM End	3.37	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.456720 °		39.456720 °
				-122.009630 °		-122.009630 °
DWR ID	21175					
Comment Code						
Inspector Comment						
FS_ID:44185 DS_ID:21175 EP_NO: 5376 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Conduit needs markers ten feet off both levee toes. FIELD_STRUCT_DESC: Three 3.5-inch steel cables sleeved through conduit through the levee, 3 feet below the crown. Metal cutoff wall around conduits near center of levee. Conduits are welded to the cutoff wall, extending only between the levee shoulders under the crown. Cut in pavement visible at crown. Cables extend to pole on waterside (WS). (replace existing aerial telephone cables with two buried cables authorized under Permit No. 5376, 1967-Pacific Telephone & Telegraph Co.) [Additional Reference(s): DWR Levee Logs, 2005] FS Date: 4/1/2015						

LM Start	<b>3.37</b>	Rating **	M	Issue No.	<b>62 (cont)</b>
LM End	<b>3.37</b>	Issue Type +	En	Location *	

Photo 1 of 2 : UCIP\_FA\_2018\_44185\_73608.jpg



Conduit may be visible at pole about 1000-feet west of crown.

Photo 2 of 2 : UCIP\_FA\_2018\_44185\_73607.jpg



Cut in pavement visible at crown good indicator of crossing location.

<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 2018**

**Levee District No. 0002 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	09/10/2018 09/10/2018	Bob Duffey

LM Start	3.44	Rating **	U	Issue No.	27
LM End	3.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.457692 °	39.458705 °
				-122.009517 °	-122.009872 °
DWR ID	DWR_LD0002_01_s_2014_27				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Repair the rodent holes on landside slope.					

Photo 1 of 2 : FA\_2018\_LD0002\_28\_27\_20180905\_00011.jpg



View of the rodent activity along the landside slope.

LM Start	<b>3.44</b>	Rating **	U	Issue No.	<b>27 (cont)</b>
LM End	<b>3.52</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA\_2018\_LD0002\_28\_27\_20180905\_00012.jpg



View of the rodent holes along the landside slope.

LM Start	3.47	Rating **	M	Issue No.	39
LM End	3.57	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.458121 °	39.459331 °
				-122.009534 °	-122.010504 °
DWR ID	DWR_LD0002_01_s_2016_39				
Comment Code					
MA : Material					
Inspector Comment					
Walnut hulls spread in low piles along levee toe will make access difficult, should be removed.					

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 2018**

**Levee District No. 0002 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	09/10/2018 09/10/2018	Bob Duffey

LM Start	3.53	Rating **	U	Issue No.	13
LM End	3.57	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.458803 °	39.459305 °
				-122.009980 °	-122.010511 °
DWR ID	DWR_LD0002_01_s_2013_13				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2018\_LD0002\_28\_13\_20180905\_00006.jpg



View of the rodent activity along the landside slope.

LM Start	3.57	Rating **	C	Issue No.	45
LM End	3.57	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.459347 °	39.459347 °
				-122.010513 °	-122.010513 °
DWR ID	DWR_LD0002_01_f_2016_45				
Comment Code					
MA : Material					
Inspector Comment					
The material was cleaned up along the landside toe.					

No Photos

LM Start	3.60	Rating **	C	Issue No.	46
LM End	3.60	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.459678 °	39.459678 °
				-122.010785 °	-122.010785 °
DWR ID	DWR_LD0002_01_f_2016_46				
Comment Code					
PR : Prunings					
Inspector Comment					
The tree limb was removed from the waterside slope and toe.					

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 2018**

**Levee District No. 0002 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	09/10/2018 09/10/2018	Bob Duffey

LM Start	3.60	Rating **	C	Issue No.	43
LM End	3.60	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.459720 °	39.459720 °
				-122.010812 °	-122.010812 °
DWR ID	DWR_LD0002_01_s_2016_43				
Comment Code					
PR : Prunings					
Inspector Comment					
The prunings was removed from the landside toe.					

No Photos

LM Start	3.73	Rating **	M	Issue No.	63	
LM End	3.73	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.461509 °	39.461509 °	
				-122.011493 °	-122.011493 °	
DWR ID	21178					
Comment Code						
Inspector Comment						
FS_ID:38178 DS_ID:21178 EP_NO: 16931 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Inspector notes indicate that pipe was never installed through levee and application was closed. Steel pipe was not installed but detachable section was installed. The pipe section goes up and over levee. Permit 16931 file was closed in 2005 owner was unable to install pipe due to costs. Permit indicates that pipe was to be used for winter supply of irrigation water to landward side. Need to coordinate with DWR inspector--permit revised for this type of structure. FIELD_STRUCT_DESC: Crossing visible at location. Current structure differs from original request in Permit No. 16931. PVC connection visible on landside (LS) toe with cutoff valve. Pipe connects to 8-inch PVC pipe extending past LS toe. FS Date: 5/16/2013						

Photo 1 of 3 : UCIP\_FA\_2018\_38178\_69502.jpg



View of pump system on landward side located behind tracker.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Levee District No. 0002 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	09/10/2018 09/10/2018	Bob Duffey

LM Start	3.73	Rating **	M	Issue No.	63 (cont)	
LM End	3.73	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.461509 °	39.461509 °	
				-122.011493 °	-122.011493 °	
DWR ID	21178					
Comment Code						
Inspector Comment						
FS_ID:38178 DS_ID:21178 EP_NO: 16931 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Inspector notes indicate that pipe was never installed through levee and application was closed. Steel pipe was not installed but detachable section was installed. The pipe section goes up and over levee. Permit 16931 file was closed in 2005 owner was unable to install pipe due to costs. Permit indicates that pipe was to be used for winter supply of irrigation water to landward side. Need to coordinate with DWR inspector--permit revised for this type of structure. FIELD_STRUCT_DESC: Crossing visible at location. Current structure differs from original request in Permit No. 16931. PVC connection visible on landside (LS) toe with cutoff valve. Pipe connects to 8-inch PVC pipe extending past LS toe. FS Date: 5/16/2013						

LM Start	<b>3.73</b>	Rating **	M	Issue No.	<b>63 (cont)</b>
LM End	<b>3.73</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2018\_38178\_69501.jpg



Pump system located near landward toe.

Photo 3 of 3 : UCIP\_FA\_2018\_38178\_69500.jpg



Pipe connection capped with control valve located on landward toe.

<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 2018**

**Levee District No. 0002 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	09/10/2018 09/10/2018	Bob Duffey

LM Start	3.74	Rating **	M	Issue No.	64	
LM End	3.74	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.461674 °	39.461674 °	
				-122.011507 °	-122.011507 °	
DWR ID	24659					
Comment Code						
Inspector Comment						
FS_ID:38182 DS_ID:24659 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: 24-inch steel drainage pipe through levee, 2-feet below the crown. Pipe is exposed on waterside (WS) with air vent on the WS levee shoulder. Open pump is approximately 550 feet on the landside (LS) of the levee toe and concrete distribution pipe. (electronic permit not available - Permit No. 16280-1995, Mathew J. Southam/McGowan) FS Date: 5/16/2013						

Photo 1 of 3 : UCIP\_FA\_2018\_38182\_69537.jpg



View of waterward side.

LM Start	<b>3.74</b>	Rating **	M	Issue No.	<b>64 (cont)</b>
LM End	<b>3.74</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2018\_38182\_69533.jpg



Pipe visible on waterward side.

<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 2018**

**Levee District No. 0002 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	09/10/2018 09/10/2018	Bob Duffey

LM Start	3.74	Rating **	M	Issue No.	64 (cont)	
LM End	3.74	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.461674 °	39.461674 °	
				-122.011507 °	-122.011507 °	
DWR ID	24659					
Comment Code						
Inspector Comment						
FS_ID:38182 DS_ID:24659 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: 24-inch steel drainage pipe through levee, 2-feet below the crown. Pipe is exposed on waterside (WS) with air vent on the WS levee shoulder. Open pump is approximately 550 feet on the landside (LS) of the levee toe and concrete distribution pipe. (electronic permit not available - Permit No. 16280-1995, Mathew J. Southam/McGowan) FS Date: 5/16/2013						

Photo 3 of 3 : UCIP\_FA\_2018\_38182\_69541.jpg



View of channel on waterward side.

LM Start	3.94	Rating **	C	Issue No.	31
LM End	3.94	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.464548 °	39.464548 °
				-122.011420 °	-122.011420 °
DWR ID	DWR_LD0002_01_s_2017_31				
Comment Code					
TR : Tree or limb					
Inspector Comment					
The tree was removed from the waterside slope and toe.					

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 2018**

**Levee District No. 0002 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	09/10/2018 09/10/2018	Bob Duffey

LM Start	<b>4.02</b>	Rating **	M	Issue No.	<b>28</b>
LM End	<b>4.02</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.465657°	39.465657°
				-122.011237°	-122.011237°
DWR ID	DWR_LD0002_01_f_2018_28				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Repair the rodent holes along the landside slope.					

Photo 1 of 1 : FA\_2018\_LD0002\_28\_28\_20181001\_00068.jpg



View of the rodent holes along the landside slope.

LM Start	<b>4.02</b>	Rating **	C	Issue No.	<b>49</b>
LM End	<b>4.02</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.465687°	39.465687°
				-122.011257°	-122.011257°
DWR ID	DWR_LD0002_01_s_2017_49				
Comment Code					
TR : Tree or limb					
Inspector Comment					
The tree was removed from the waterside slope and toe.					

No Photos

LM Start	<b>4.05</b>	Rating **	C	Issue No.	<b>50</b>
LM End	<b>4.05</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.466158°	39.466158°
				-122.011335°	-122.011335°
DWR ID	DWR_LD0002_01_s_2017_50				
Comment Code					
TR : Tree or limb					
Inspector Comment					
The tree was removed from the waterside slope and toe.					

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 2018**

**Levee District No. 0002 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	09/10/2018 09/10/2018	Bob Duffey

LM Start	4.32	Rating **	M	Issue No.	65	
LM End	4.32	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.469908 °	39.469908 °	
				-122.012117 °	-122.012117 °	
DWR ID	21181					
Comment Code						
Inspector Comment						
FS_ID:44188 DS_ID:21181 EP_NO: 18072 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Pipe needs better markers at pipe crossing. FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee, 2 feet below the levee. Well, pump, and vent visible on landside (LS) toe. Vent visible just off waterside (WS) toe. (6-inch pipe authorized under Permit No. 18072, 2006-McCowan & Southam) FS Date: 4/1/2015						

Photo 1 of 3 : UCIP\_FA\_2018\_44188\_69544.jpg



3-inch PVC pipe and vent exposed on waterward toe, likely in alignment with this crossing.

LM Start	<b>4.32</b>	Rating **	M	Issue No.	<b>65 (cont)</b>
LM End	<b>4.32</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2018\_44188\_69543.jpg



3-inch PVC pipe and vent exposed on waterward toe, likely in alignment with this crossing.

<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 2018**

**Levee District No. 0002 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	09/10/2018 09/10/2018	Bob Duffey

LM Start	4.32	Rating **	M	Issue No.	65 (cont)	
LM End	4.32	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.469908 °	39.469908 °	
				-122.012117 °	-122.012117 °	
DWR ID	21181					
Comment Code						
Inspector Comment						
FS_ID:44188 DS_ID:21181 EP_NO: 18072 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Pipe needs better markers at pipe crossing. FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee, 2 feet below the levee. Well, pump, and vent visible on landside (LS) toe. Vent visible just off waterside (WS) toe. (6-inch pipe authorized under Permit No. 18072, 2006-McCowan & Southam) FS Date: 4/1/2015						

Photo 3 of 3 : UCIP\_FA\_2018\_44188\_73609.jpg



Well and pump visible on LS toe.

LM Start	4.62	Rating **	M	Issue No.	51
LM End	4.62	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.473522°	39.473522°
				-122.015418°	-122.015418°
DWR ID	DWR_LD0002_01_s_2017_51				
Comment Code					
TR : Tree or limb					
Inspector Comment					

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 2018**

**Levee District No. 0002 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	09/10/2018 09/10/2018	Bob Duffey

LM Start	4.70	Rating **	M	Issue No.	52
LM End	4.70	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.474468 °	39.474468 °
				-122.016175 °	-122.016175 °
DWR ID	DWR_LD0002_01_s_2017_52				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

LM Start	4.88	Rating **	M	Issue No.	66	
LM End	4.88	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.476781 °	39.476781 °	
				-122.017494 °	-122.017494 °	
DWR ID	21176					
Comment Code						
Inspector Comment						
FS_ID:53005 DS_ID:21176 EP_NO: 15198 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: 10/9/2018 No markers found. Crossing downgraded to "Non-Urgent" due to reclassification of gas lines. (O.Yakimov - DWR)07/07/2016 same as previous inspection: No markers found. Unable to confirm crossing status. (DWR UCIP - omagana)05/16/2013 No markers found. Need to contact owner to determine if crossing is still active and to determine last inspection date. Will need copy of letter showing crossings passed inspection. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 2-inch steel gas line through the levee, 2.5 feet below the crown. (2-inch gas line authorized under Permit No. 15198, 1989-Northern Michigan Exploration Company) FS Date: 10/9/2018 2:50:03 PM						

Photo 1 of 3 : UCIP\_FA\_2018\_53005\_78119.jpg



View of levee crown at the crossing.

<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 2018**

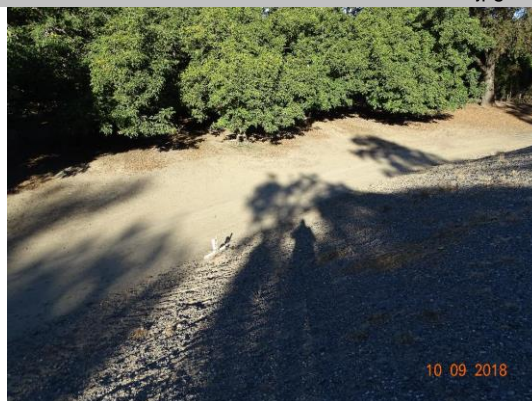
**Levee District No. 0002 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	09/10/2018 09/10/2018	Bob Duffey

LM Start	4.88	Rating **	M	Issue No.	66 (cont)	
LM End	4.88	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.476781 °	39.476781 °	
				-122.017494 °	-122.017494 °	
DWR ID	21176					
Comment Code						
Inspector Comment						
FS_ID:53005 DS_ID:21176 EP_NO: 15198 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: 10/9/2018 No markers found. Crossing downgraded to "Non-Urgent" due to reclassification of gas lines. (O.Yakimov - DWR)07/07/2016 same as previous inspection: No markers found. Unable to confirm crossing status. (DWR UCIP - omagana)05/16/2013 No markers found. Need to contact owner to determine if crossing is still active and to determine last inspection date. Will need copy of letter showing crossings passed inspection. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 2-inch steel gas line through the levee, 2.5 feet below the crown. (2-inch gas line authorized under Permit No. 15198, 1989-Northern Michigan Exploration Company) FS Date: 10/9/2018 2:50:03 PM						

LM Start	<b>4.88</b>	Rating **	M	Issue No.	<b>66 (cont)</b>
LM End	<b>4.88</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2018\_53005\_78120.jpg



View of landside at crossing.

Photo 3 of 3 : UCIP\_FA\_2018\_53005\_78121.jpg



View of waterside at crossing.

<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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