

## Flood Control Project Maintenance Levee Inspections

### Fall 2021 Levee Maintenance Deficiency Summary Report

#### 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	0.14		0.14	2.86%	0.01			
Encroachments	0.02		0.02	0.41%	0.01			
Animal Control	0.16	0.14	0.72	14.69%				
Crown Surface / Depressions / Rutting	0.01		0.01	0.20%				
Flood Preparedness & Training	0.05		0.05	1.02%				
<i>Supplemental</i>								
2018 USACE Erosion Survey	0.21		0.21	4.29%				
DWR UCIP Field Study					0.14			
<i>LMA Totals:</i>	0.59	0.14	1.15	23.47%	0.16	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	0.14		0.14	2.86%	0.01			
Encroachments	0.02		0.02	0.41%	0.01			
Animal Control	0.16	0.14	0.72	14.69%				
Crown Surface / Depressions / Rutting	0.01		0.01	0.20%				
<i>Supplemental</i>								
2018 USACE Erosion Survey	0.21		0.21	4.29%				
DWR UCIP Field Study					0.14			
<i>Unit Totals:</i>	0.54	0.14	1.10	22.45%	0.16	0.00	0.00	0.00

**Flood Control Project Maintenance  
Levee Inspections  
LMA District Cover Sheet**

**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**

**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	3/5/2021 - 3/5/2021		10/12/2021 - 10/12/2021	
DWR Inspector	Makar Sokol		Makar Sokol	
Accompanied By	Dennis Clark			

**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 2021**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	10/12/2021 10/12/2021	Makar Sokol

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 **	M	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					
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 2021**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	10/12/2021 10/12/2021	Makar Sokol

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	2018 USACE Erosion Survey			39.414649 °	39.417689 °
				-122.009853 °	-122.010369 °
DWR ID					
Comment Code					
Inspector Comment					
2018 Site ID: SAC 164.7 R					
Status: Eroding					
2018 Field Notes: No observed change.					
Site History: 2009 - Very slow retreat, hard toe, encroaching into the levee projection. 2010 - Slowly eroding. 2011 - Site extended downstream. 2017 - New erosion along entire site.					

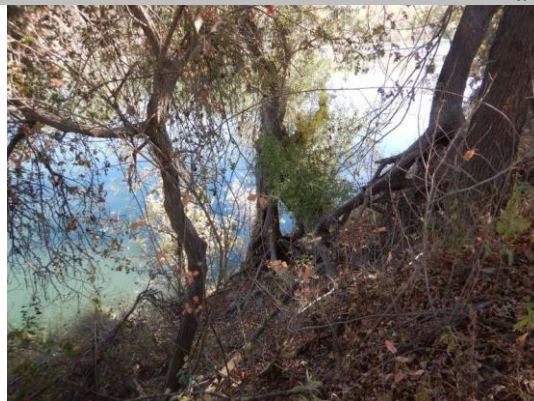
LM Start	<b>0.07</b>	Rating **	M	Issue No.	<b>6 (cont)</b>
LM End	<b>0.28</b>	Issue Type +	Ma	Location *	WS

Photo 1 of 2 : FA\_2021\_LD0002\_28\_6\_20211218\_2.jpg



USACE 2018 Erosion Photo #1

Photo 2 of 2 : FA\_2021\_LD0002\_28\_6\_20211218\_10.jpg



USACE 2018 Erosion 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 2021**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	10/12/2021 10/12/2021	Makar Sokol

LM Start	0.59	Rating **	M	Issue No.	58	
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						
DS_ID:24877						
FS_ID:42083						
EP_NO: N/A						
Repair Type: Non-Urgent						
EVAL Issue:						
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\_2021\_42083\_72882.jpg



View of landward slope.

LM Start	<b>0.59</b>	Rating **	M	Issue No.	<b>58 (cont)</b>
LM End	<b>0.59</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2021\_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 2021**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	10/12/2021 10/12/2021	Makar Sokol

LM Start	<b>0.59</b>	Rating **	M	Issue No.	<b>58 (cont)</b>
LM End	<b>0.59</b>	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				

Photo 3 of 3 : UCIP\_FA\_2021\_42083\_72880.jpg



Service box located on landward shoulder.

LM Start	<b>0.61</b>	Rating **	M	Issue No.	<b>59</b>
LM End	<b>0.61</b>	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**

DS\_ID:21185  
 FS\_ID:38165  
 EP\_NO: 2356  
 Repair Type: Non-Urgent  
 EVAL Issue:  
 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 1 of 3 : UCIP\_FA\_2021\_38165\_69467.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 2021**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	10/12/2021 10/12/2021	Makar Sokol

LM Start	<b>0.61</b>	Rating **	M	Issue No.	<b>59 (cont)</b>
LM End	<b>0.61</b>	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				

Photo 2 of 3 : UCIP\_FA\_2021\_38165\_69469.jpg



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

LM Start	<b>0.61</b>	Rating **	M	Issue No.	<b>59 (cont)</b>
LM End	<b>0.61</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_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 2021**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	10/12/2021 10/12/2021	Makar Sokol

LM Start	0.61	Rating **	M	Issue No.	60	
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						
DS_ID:21184 FS_ID:38166 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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>60 (cont)</b>
LM End	<b>0.61</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_38166\_69475.jpg



View of levee crown at crossing.

Photo 2 of 3 : UCIP\_FA\_2021\_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 2021**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	10/12/2021 10/12/2021	Makar Sokol

LM Start	<b>0.61</b>	Rating **	M	Issue No.	<b>60 (cont)</b>
LM End	<b>0.61</b>	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				

Photo 3 of 3 : UCIP\_FA\_2021\_38166\_69477.jpg



View of landward side-outlet.

LM Start	<b>0.61</b>	Rating **	M	Issue No.	<b>61</b>
LM End	<b>0.61</b>	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**

DS\_ID:21171

FS\_ID:38167

EP\_NO: N/A

Repair Type: Non-Urgent

EVAL Issue:

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 1 of 3 : UCIP\_FA\_2021\_38167\_69483.jpg



View of levee crown with marker on waterward side.

<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 2021**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	10/12/2021 10/12/2021	Makar Sokol

LM Start	<b>0.61</b>	Rating **	M	Issue No.	<b>61 (cont)</b>
LM End	<b>0.61</b>	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				

Photo 2 of 3 : UCIP\_FA\_2021\_38167\_69484.jpg



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

LM Start	<b>0.61</b>	Rating **	M	Issue No.	<b>61 (cont)</b>
LM End	<b>0.61</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_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 2021**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	10/12/2021 10/12/2021	Makar Sokol

LM Start	0.61	Rating **	M	Issue No.	62
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					
DS_ID:21182 FS_ID:38168 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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>62 (cont)</b>
LM End	<b>0.61</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_38168\_69491.jpg



View of levee crown with marker on waterward side.

Photo 2 of 3 : UCIP\_FA\_2021\_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                      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 2021**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	10/12/2021 10/12/2021	Makar Sokol

LM Start	0.61	Rating **	M	Issue No.	62 (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				

Photo 3 of 3 : UCIP\_FA\_2021\_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					

Photo 1 of 1 : FA\_2021\_LD0002\_28\_35\_20211015\_00047.jpg



View of the vegetation along the waterside slope. Fall 2021.

<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 2021**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	10/12/2021 10/12/2021	Makar Sokol

LM Start	1.03	Rating **	M	Issue No.	63	
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						
DS_ID:21177 FS_ID:44170 EP_NO: 9723 Repair Type: Non-Urgent EVAL Issue: 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>63 (cont)</b>
LM End	<b>1.03</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_44170\_72602.jpg



Indicators of existing line visible on slope.

Photo 2 of 3 : UCIP\_FA\_2021\_44170\_72601.jpg



AT&amp;T underground cable line.

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



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	10/12/2021 10/12/2021	Makar Sokol

LM Start	1.03	Rating **	M	Issue No.	63 (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					

Photo 3 of 3 : UCIP\_FA\_2021\_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\_2021\_LD0002\_28\_30\_20210928\_00008.jpg



View of the oleanders along the waterside slope. Spring 2020.

LM Start	1.25	Rating **	N	Issue No.	31
LM End	1.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.431524 °	39.431524 °
				-122.010790 °	-122.010790 °
DWR ID	DWR_LD0002_01_s_2019_31				
Comment Code					
T5 : Tree stumps.					
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 2021**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	10/12/2021 10/12/2021	Makar Sokol

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\_2021\_LD0002\_28\_34\_20210928\_00009.jpg



View of a depression on the levee crown looking upstream. Spring 2021.

LM Start	1.56	Rating **	U	Issue No.	15
LM End	1.60	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.436009 °	39.436643 °
				-122.010524 °	-122.010498 °
DWR ID	DWR_LD0002_01_f_2012_15				
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\_2021\_LD0002\_28\_15\_20210928\_00004.jpg



View of the rodent activity along the landside slope. Fall 2020.

LM Start	2.01	Rating **	N	Issue No.	41
LM End	2.01	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.441698 °	39.441698 °
				-122.012794 °	-122.012794 °
DWR ID	DWR_LD0002_01_s_2019_41				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	10/12/2021 10/12/2021	Makar Sokol

LM Start	<b>2.39</b>	Rating **	M	Issue No.	<b>64</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					
DS_ID:21190 FS_ID:42085 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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>65</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					
DS_ID:21183 FS_ID:42086 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 2021**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	10/12/2021 10/12/2021	Makar Sokol

LM Start	2.91	Rating **	M	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					

Photo 1 of 1 : FA\_2021\_LD0002\_28\_2\_20210928\_00001.jpg



View of the rodent holes along the landside slope.

LM Start	3.08	Rating **	M	Issue No.	23
LM End	3.09	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.455394 °	39.455501 °
				-122.013990 °	-122.013879 °
DWR ID	DWR_LD0002_01_f_2020_23				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	3.11	Rating **	U	Issue No.	12
LM End	3.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.455647 °	39.455805 °
				-122.013623 °	-122.013286 °
DWR ID	DWR_LD0002_01_s_2013_12				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_LD0002\_28\_12\_20210928\_00003.jpg



View of rodent activity on the landside slope. Fall 2019.

**\* 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 2021**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	10/12/2021 10/12/2021	Makar Sokol

LM Start	3.24	Rating **	U	Issue No.	16
LM End	3.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.456222 °	39.456268 °
				-122.011266 °	-122.009873 °
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					

Photo 1 of 1 : FA\_2021\_LD0002\_28\_16\_20210928\_00005.jpg



View of the rodent holes along the landside slope. Spring 2019.

LM Start	3.37	Rating **	M	Issue No.	66	
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						
DS_ID:21188 FS_ID:44186 EP_NO: 12444 Repair Type: Non-Urgent EVAL Issue: 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						

Photo 1 of 2 : UCIP\_FA\_2021\_44186\_73606.jpg



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

<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 2021**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	10/12/2021 10/12/2021	Makar Sokol

LM Start	3.37	Rating **	M	Issue No.	67 (cont)
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				

Photo 2 of 2 : UCIP\_FA\_2021\_44185\_73607.jpg



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

LM Start	3.40	Rating **	M	Issue No.	47
LM End	3.40	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.457095 °	39.457095 °
				-122.009469 °	-122.009469 °
DWR ID	DWR_LD0002_01_s _ 2019_47				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
The berry vines should be removed from the waterside slope.					

No Photos

LM Start	3.48	Rating **	M	Issue No.	24
LM End	3.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.458193 °	39.458193 °
				-122.009550 °	-122.009550 °
DWR ID	DWR_LD0002_01_f_2021_24				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
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 2021**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	10/12/2021 10/12/2021	Makar Sokol

LM Start	3.48	Rating **	M	Issue No.	33
LM End	3.48	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.458199 °	39.458199 °
				-122.009549 °	-122.009549 °
DWR ID	DWR_LD0002_01_f_2021_33				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_LD0002\_28\_33\_20211015\_00048.jpg



View of the pile of prunings at the landside toe. Fall 2021.

LM Start	3.53	Rating **	M	Issue No.	27
LM End	3.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.458807 °	39.459614 °
				-122.009990 °	-122.010741 °
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					

Photo 1 of 1 : FA\_2021\_LD0002\_28\_27\_20210928\_00006.jpg



View of the rodent holes along the landside slope. Spring 2021.

LM Start	3.62	Rating **	M	Issue No.	25
LM End	3.62	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.459888 °	39.459888 °
				-122.010970 °	-122.010970 °
DWR ID	DWR_LD0002_01_f_2020_25				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
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 2021**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	10/12/2021 10/12/2021	Makar Sokol

LM Start	3.68	Rating **	C	Issue No.	26
LM End	3.68	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.460837 °	39.460837 °
				-122.011323 °	-122.011323 °
DWR ID	DWR_LD0002_01_f_2020_26				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

LM Start	3.73	Rating **	M	Issue No.	68	
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						
DS_ID:21178 FS_ID:38178 EP_NO: 16931 Repair Type: Non-Urgent EVAL Issue: 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\_2021\_38178\_69502.jpg



View of pump system on landward side located behind tracker.

<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 2021**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	10/12/2021 10/12/2021	Makar Sokol

LM Start	<b>3.73</b>	Rating **	M	Issue No.	<b>68 (cont)</b>
LM End	<b>3.73</b>	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				

Photo 2 of 3 : UCIP\_FA\_2021\_38178\_69501.jpg



Pump system located near landward toe.

LM Start	<b>3.73</b>	Rating **	M	Issue No.	<b>68 (cont)</b>
LM End	<b>3.73</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_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 2021**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	10/12/2021 10/12/2021	Makar Sokol

LM Start	3.74	Rating **	M	Issue No.	69	
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						
DS_ID:24659						
FS_ID:38182						
EP_NO: N/A						
Repair Type: Non-Urgent						
EVAL Issue:						
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\_2021\_38182\_69537.jpg



View of waterward side.

LM Start	<b>3.74</b>	Rating **	M	Issue No.	<b>69 (cont)</b>
LM End	<b>3.74</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2021\_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 2021**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	10/12/2021 10/12/2021	Makar Sokol

LM Start	<b>3.74</b>	Rating **	M	Issue No.	<b>69 (cont)</b>
LM End	<b>3.74</b>	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				

Photo 3 of 3 : UCIP\_FA\_2021\_38182\_69541.jpg



View of channel on waterward side.

LM Start	3.79	Rating **	M	Issue No.	50
LM End	3.79	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.462358 °	39.462358 °
				-122.011623 °	-122.011623 °
DWR ID	DWR_LD0002_01_s_2019_50				
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\_2021\_LD0002\_28\_50\_20210928\_00011.jpg



View of the rodent holes on the landside slope. Spring 2019.

LM Start	3.85	Rating **	M	Issue No.	53
LM End	3.85	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.463261 °	39.463261 °
				-122.011613 °	-122.011613 °
DWR ID	DWR_LD0002_01_s _ 2019_53				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
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 2021**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	10/12/2021 10/12/2021	Makar Sokol

LM Start	3.93	Rating **	C	Issue No.	29
LM End	3.93	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.464409 °	39.464409 °
				-122.011455 °	-122.011455 °
DWR ID	DWR_LD0002_01_f_2020_29				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	4.00	Rating **	C	Issue No.	28
LM End	4.02	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.465418 °	39.465657 °
				-122.011235 °	-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					

No Photos

LM Start	4.05	Rating **	M	Issue No.	32
LM End	4.05	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.466030 °	39.466030 °
				-122.011324 °	-122.011324 °
DWR ID	DWR_LD0002_01_f_2020_32				
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 2021**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	10/12/2021 10/12/2021	Makar Sokol

LM Start	4.32	Rating **	M	Issue No.	70
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					
DS_ID:21181					
FS_ID:44188					
EP_NO: 18072					
Repair Type: Non-Urgent					
EVAL Issue:					
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\_2021\_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>70 (cont)</b>
LM End	<b>4.32</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2021\_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 2021**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	10/12/2021 10/12/2021	Makar Sokol

LM Start	4.32	Rating **	M	Issue No.	70 (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					

Photo 3 of 3 : UCIP\_FA\_2021\_44188\_73609.jpg



Well and pump visible on LS toe.

LM Start	4.61	Rating **	N	Issue No.	54
LM End	4.61	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.473414 °	39.473414 °
				-122.015340 °	-122.015340 °
DWR ID	DWR_LD0002_01_s_2019_54				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	4.64	Rating **	N	Issue No.	55
LM End	4.64	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.473680 °	39.473680 °
				-122.015618 °	-122.015618 °
DWR ID	DWR_LD0002_01_s_2019_55				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

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 2021**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	10/12/2021 10/12/2021	Makar Sokol

LM Start	4.88	Rating **	M	Issue No.	71	
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						
DS_ID:21176 FS_ID:53005 EP_NO: 15198 Repair Type: Non-Urgent EVAL Issue: 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 UCIP)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\_2021\_53005\_78119.jpg



View of levee crown at the crossing.

LM Start	<b>4.88</b>	Rating **	M	Issue No.	<b>71 (cont)</b>
LM End	<b>4.88</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2021\_53005\_78120.jpg



View of landside 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 2021**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	10/12/2021 10/12/2021	Makar Sokol

LM Start	4.88	Rating **	M	Issue No.	71 (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				

Photo 3 of 3 : UCIP\_FA\_2021\_53005\_78121.jpg



View of waterside at crossing.

LM Start	4.90	Rating **	M	Issue No.	57
LM End	4.90	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.477096 °	39.477096 °
				-122.017607 °	-122.017607 °
DWR ID	DWR_LD0002_01_s _ 2019_57				
Comment Code					
TR : Tree or limb					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_LD0002\_28\_57\_20210928\_00012.jpg



View of the tree and branches on the waterside slope. Spring 2020.

**\* 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