

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Spring 2015 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)				

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

\* **SPRING INSPECTIONS:** Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

**FALL INSPECTIONS:** The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2015 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)				
Date of Inspection	04/07/2015 - 04/07/2015			
DWR Inspector	Bob Duffey			
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 - Spring 2015**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	04/07/2015 04/07/2015	Bob Duffey

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

No Photos

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

No Photos

LM Start		Rating **	A	Issue No.	18
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Flood Preparedness & Training			o	o
DWR ID	DWR_LD0002_01_s_2013_18				
Action/Comments					
Inspector Comments: The LMA has completed flood fight training in the past.					

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 - Spring 2015**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	04/07/2015 04/07/2015	Bob Duffey

LM Start	<b>0.07</b>	Rating **	M	Issue No.	<b>6</b>
LM End	<b>0.28</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			39.414649 °	39.417689 °
				-122.009853 °	-122.010369 °
DWR ID	DWR_LD0002_01_f_2014_6				
Action/Comments					
Inspector Comments: 2009 - Very slow retreat, hard toe, encroaching into the levee projection. 2010 - Slowly eroding. 2011 - Site extended downstream. 2013: No observed changes. [2013 Site ID: SAC_164-7_R]					

Photo 1 of 2 : SP\_2015\_LD0002\_28\_6\_20150310\_00004.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 : SP\_2015\_LD0002\_28\_6\_20150310\_00005.jpg



USACE 2013 Photo #2

LM Start	<b>0.60</b>	Rating **	M	Issue No.	<b>43</b>
LM End	<b>0.60</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.422088 °	39.422088 °
				-122.011615 °	-122.011615 °
DWR ID					
Action/Comments					
Inspector Comments: 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					

No Photos

<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 - Spring 2015**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	04/07/2015 04/07/2015	Bob Duffey

LM Start	<b>0.62</b>	Rating **	M	Issue No.	<b>44</b>
LM End	<b>0.62</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.422282 °	39.422282 °
				-122.011634 °	-122.011634 °
DWR ID					
Action/Comments					
Inspector Comments: 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, 20.0 feet below the crown. Annular gap is grouted. Flap gate on landward end. Pump in pump house on landward slope. Rock revetment around outlet on waterward slope. FS Date: 05/16/2013					

No Photos

LM Start	<b>0.62</b>	Rating **	M	Issue No.	<b>45</b>
LM End	<b>0.62</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.422302 °	39.422302 °
				-122.011635 °	-122.011635 °
DWR ID					
Action/Comments					
Inspector Comments: 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, 20.0 feet below the crown. Annular gap is grouted. Flap gate on landward end. Pump in pump house on landward slope. Rock revetment around outlet on waterward slope. (USACE-1955). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 41+47). Pipes sleeved through pre-existing pipes, pump and parallel 28-inch pipe installed. FS Date: 05/16/2013					

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 - Spring 2015**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	04/07/2015 04/07/2015	Bob Duffey

LM Start	<b>1.02</b>	Rating **	M	Issue No.	<b>8</b>
LM End	<b>1.02</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.428322 °	39.428322 °	
			-122.010973 °	-122.010973 °	
DWR ID	DWR_LD0002_01_s_2012_8				
Action/Comments					
Building					

Photo 1 of 1 : SP\_2015\_LD0002\_28\_8\_20150310\_00006.jpg



View of a house along the waterside toe.

LM Start	<b>1.05</b>	Rating **	M	Issue No.	<b>48</b>
LM End	<b>1.05</b>	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.428441 °	39.428441 °	
			-122.011032 °	-122.011032 °	
DWR ID					
Action/Comments					
Inspector Comments: 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 LS toe. This line was retained under ABO No. 9723 (1974). FS Date: 05/16/2013					

No Photos

<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 - Spring 2015**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	04/07/2015 04/07/2015	Bob Duffey

LM Start	<b>1.24</b>	Rating **	M	Issue No.	<b>40</b>
LM End	<b>1.24</b>	Issue Type +	En	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				
Action/Comments					
Tree or limb					

Photo 1 of 1 : SP\_2015\_LD0002\_28\_40\_20150310\_00013.jpg



View of the downed tree limb along the slope of the levee.

LM Start	<b>1.43</b>	Rating **	M	Issue No.	<b>4</b>
LM End	<b>1.43</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.434157 °	39.434157 °
				-122.010760 °	-122.010760 °
DWR ID	DWR_LD0002_01_f_2012_4				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : SP\_2015\_LD0002\_28\_4\_20150310\_00002.jpg



View of the rodent holes along the landside slope.

LM Start	<b>1.52</b>	Rating **	M	Issue No.	<b>15</b>
LM End	<b>1.60</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.435485 °	39.436643 °
				-122.010640 °	-122.010498 °
DWR ID	DWR_LD0002_01_f_2012_15				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: LMA needs to repair the rodent holes.					

Photo 1 of 1 : SP\_2015\_LD0002\_28\_15\_20150504\_00018.jpg



View of the rodent holes along the landside slope.

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N</b> : Not Inspected/Rated <b>C</b> : Corrected <b>A/W</b> : 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 - Spring 2015**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	04/07/2015 04/07/2015	Bob Duffey

LM Start	<b>1.57</b>	Rating **	A/W	Issue No.	<b>41</b>
LM End	<b>1.57</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.436149 °	39.436149 °
				-122.010525 °	-122.010525 °
DWR ID	DWR_LD0002_01_f_2013_41				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : SP\_2015\_LD0002\_28\_41\_20150310\_00014.jpg



View of the rodent holes along the slope of the levee.

LM Start	<b>2.42</b>	Rating **	M	Issue No.	<b>49</b>
LM End	<b>2.42</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.446534 °	39.446534 °
				-122.016052 °	-122.016052 °
DWR ID					
Action/Comments					
Inspector Comments: 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: 05/16/2013					

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 - Spring 2015**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	04/07/2015 04/07/2015	Bob Duffey

LM Start	<b>2.77</b>	Rating **	A/W	Issue No.	<b>42</b>
LM End	<b>2.77</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.451841 °	39.451841 °
				-122.017120 °	-122.017120 °
DWR ID	DWR_LD0002_01_f_2013_42				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : SP\_2015\_LD0002\_28\_42\_20150310\_00015.jpg



View of the rodent holes along the slope of the levee.

LM Start	<b>2.83</b>	Rating **	M	Issue No.	<b>50</b>
LM End	<b>2.83</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.452180 °	39.452180 °
				-122.017100 °	-122.017100 °
DWR ID					
Action/Comments					
Inspector Comments: 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 through the levee, approximately 17 feet below the crown. (USACE-1955). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 111+17). FS Date: 05/16/2013					

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 - Spring 2015**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	04/07/2015 04/07/2015	Bob Duffey

LM Start	<b>2.89</b>	Rating **	M	Issue No.	<b>5</b>
LM End	<b>2.89</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.453490 °	39.453490 °	
			-122.016457 °	-122.016457 °	
DWR ID	DWR_LD0002_01_s_2013_5				
Action/Comments					
Prunings					

Photo 1 of 1 : SP\_2015\_LD0002\_28\_5\_20150310\_00003.jpg



View of the prunings along the landside toe.

LM Start	<b>2.91</b>	Rating **	M	Issue No.	<b>29</b>
LM End	<b>2.91</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.453737 °	39.453737 °	
			-122.016413 °	-122.016413 °	
DWR ID	DWR_LD0002_01_s_2015_29				
Action/Comments					
Prunings					

Photo 1 of 1 : SP\_2015\_LD0002\_28\_29\_20150504\_00019.jpg



View of the prunings along the landside toe.

LM Start	<b>2.91</b>	Rating **	A/W	Issue No.	<b>2</b>
LM End	<b>2.96</b>	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_s_2012_2				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : SP\_2015\_LD0002\_28\_2\_20150310\_00001.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 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 - Spring 2015**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	04/07/2015 04/07/2015	Bob Duffey

LM Start	<b>3.06</b>	Rating **	M	Issue No.	<b>3</b>
LM End	<b>3.13</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.455145 °	39.455813 °	
			-122.014287 °	-122.013205 °	
DWR ID	DWR_LD0002_01_s_2012_3				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	<b>3.16</b>	Rating **	M	Issue No.	<b>12</b>
LM End	<b>3.16</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.455992 °	39.455992 °	
			-122.012809 °	-122.012809 °	
DWR ID	DWR_LD0002_01_s_2013_12				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

Photo 1 of 1 : SP\_2015\_LD0002\_28\_12\_20150310\_00009.jpg



View of the rodent activity along the landside slope.

LM Start	<b>3.16</b>	Rating **	M	Issue No.	<b>9</b>
LM End	<b>3.16</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.455992 °	39.455992 °	
			-122.012808 °	-122.012808 °	
DWR ID	DWR_LD0002_01_s_2013_9				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : SP\_2015\_LD0002\_28\_9\_20150310\_00007.jpg



View of the rodent activity along the waterside slope.

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N</b> : Not Inspected/Rated <b>C</b> : Corrected <b>A/W</b> : 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 - Spring 2015**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	04/07/2015 04/07/2015	Bob Duffey

LM Start	<b>3.27</b>	Rating **	M	Issue No.	<b>16</b>
LM End	<b>3.30</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.456237 °	39.456272 °
				-122.010640 °	-122.010163 °
DWR ID	DWR_LD0002_01_f_2012_16				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Grout or fill the rodent holes.					

Photo 1 of 1 : SP\_2015\_LD0002\_28\_16\_20150420\_00016.jpg



View of the rodent holes along the landside slope.

LM Start	<b>3.41</b>	Rating **	M	Issue No.	<b>51</b>
LM End	<b>3.41</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.456704 °	39.456704 °
				-122.009621 °	-122.009621 °
DWR ID					
Action/Comments					
Inspector Comments: 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: Steel conduit through the levee, 2.5 feet below the crown. Conduit extends to pole on waterward side. Cut in pavement visible at levee crown (Permit No. 12444-1978) FS Date: 04/01/2015					

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 - Spring 2015**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	04/07/2015 04/07/2015	Bob Duffey

LM Start	<b>3.41</b>	Rating **	M	Issue No.	<b>52</b>
LM End	<b>3.41</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.456720 °	39.456720 °
				-122.009630 °	-122.009630 °
DWR ID					
Action/Comments					
Inspector Comments: 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 conduits through the levee, 3.0 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 waterward side. (Permit No. 5376-1967) FS Date: 04/01/2015					

No Photos

LM Start	<b>3.44</b>	Rating **	A/W	Issue No.	<b>27</b>
LM End	<b>3.52</b>	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				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : SP\_2015\_LD0002\_28\_27\_20150310\_00012.jpg



View of the rodent activity along the l/s 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 - Spring 2015**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	04/07/2015 04/07/2015	Bob Duffey

LM Start	<b>3.53</b>	Rating **	M	Issue No.	<b>13</b>
LM End	<b>3.57</b>	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				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

Photo 1 of 1 : SP\_2015\_LD0002\_28\_13\_20150310\_00010.jpg



View of the rodent activity along the landside slope.

LM Start	<b>3.70</b>	Rating **	M	Issue No.	<b>53</b>
LM End	<b>3.70</b>	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.461509 °	39.461509 °	
			-122.011493 °	-122.011493 °	
DWR ID					
Action/Comments					
Inspector Comments: 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 landward toe with cutoff valve. Pipe connects to 8-inch PVC pipe extending past landward toe. FS Date: 05/16/2013					

No Photos

<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 - Spring 2015**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	04/07/2015 04/07/2015	Bob Duffey

LM Start	<b>3.78</b>	Rating **	M	Issue No.	<b>54</b>
LM End	<b>3.78</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.461674 °	39.461674 °
				-122.011507 °	-122.011507 °
DWR ID					
Action/Comments					
Inspector Comments: 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 pipe through levee at unknown depth. Pipe is exposed on waterward side with air vent on the waterward levee shoulder. Open pump is approximately 550 feet on the landward side of the levee toe and concrete distribution pipe. FS Date: 05/16/2013					

No Photos

LM Start	<b>4.34</b>	Rating **	M	Issue No.	<b>55</b>
LM End	<b>4.34</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.469908 °	39.469908 °
				-122.012117 °	-122.012117 °
DWR ID					
Action/Comments					
Inspector Comments: 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, 2.0 feet below the levee. Well, pump, and vent visible on LS toe. Vent visible just off WS toe. (Permit No. 18072-2006) FS Date: 04/01/2015					

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 - Spring 2015**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	04/07/2015 04/07/2015	Bob Duffey

LM Start	<b>4.38</b>	Rating **	M	Issue No.	<b>28</b>
LM End	<b>4.38</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		39.470675 °	39.470675 °	
			-122.012763 °	-122.012763 °	
DWR ID	DWR_LD0002_01_s_2015_28				
Action/Comments					
Note and monitor erosion site.					

No Photos

LM Start	<b>4.87</b>	Rating **	A/W	Issue No.	<b>11</b>
LM End	<b>4.87</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.476676 °	39.476676 °	
			-122.017439 °	-122.017439 °	
DWR ID	DWR_LD0002_01_s_2012_11				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: The rodent holes have been filled with dirt.					

Photo 1 of 1 : SP\_2015\_LD0002\_28\_11\_20150420\_00017.jpg



View of the removed rodent holes and bait station.

LM Start	<b>4.88</b>	Rating **	U	Issue No.	<b>56</b>
LM End	<b>4.88</b>	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.476781 °	39.476781 °	
			-122.017494 °	-122.017494 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38184 DS_ID:21176 EP_NO: 15198 Repair Type: Urgent Crossing Status: Not Found UCIP Comments: 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. FIELD_STRUCT_DESC: 2-inch steel gas pipeline through the levee, 2.5 feet below the crown. Provide a field description of this crossing. (Permit No. 15198-1989) FS Date: 05/16/2013					

No Photos

<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 - Spring 2015**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	04/07/2015 04/07/2015	Bob Duffey

<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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