

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

**Levee District No. 0003 (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 2014 Levee Inspection Results**

**Levee District No. 0003 (Glenn County)**

Waterway	Bank	Unit Miles
Unit No. 01 Glenn County Sacramento River	Left	12.24

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	03/18/2014 - 03/18/2014			
DWR Inspector	Bob Duffey			
Accompanied By	Tod Southam			

**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 2014**

**Levee District No. 0003 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	12.24	03/18/2014 03/18/2014	Bob Duffey

LM Start		Rating **	A	Issue No.	16
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
		Start		End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_LD0003_01_s_2013_16				
Action/Comments					

No Photos

LM Start		Rating **	A	Issue No.	17
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
		Start		End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_LD0003_01_s_2013_17				
Action/Comments					

No Photos

LM Start		Rating **	A	Issue No.	18
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
		Start		End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_LD0003_01_s_2013_18				
Action/Comments					

No Photos

<b>* Location</b> LS : Land Side 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 2014**

**Levee District No. 0003 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	12.24	03/18/2014 03/18/2014	Bob Duffey

LM Start	<b>0.23</b>	Rating **	M	Issue No.	<b>10</b>
LM End	<b>0.29</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.387018 °	39.387682 °	
			-121.990742 °	-121.991255 °	
DWR ID	DWR_LD0003_01_s_2012_10				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

Photo 1 of 1 : rduffey\_s\_20140304\_267.jpg



View of squirrel holes along the slope.

LM Start	<b>0.37</b>	Rating **	M	Issue No.	<b>54</b>
LM End	<b>0.44</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.388530 °	39.388997 °	
			-121.992217 °	-121.993449 °	
DWR ID	DWR_LD0003_01_s_2014_54				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : rduffey\_s\_20140407\_156.jpg



View of the rodent holes along the w/s slope.

LM Start	<b>0.56</b>	Rating **	M	Issue No.	<b>23</b>
LM End	<b>0.63</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.389390 °	39.389219 °	
			-121.995539 °	-121.996854 °	
DWR ID	DWR_LD0003_01_s_2012_23				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

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

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

**Levee District No. 0003 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	12.24	03/18/2014 03/18/2014	Bob Duffey

LM Start	<b>0.70</b>	Rating **	M	Issue No.	<b>55</b>
LM End	<b>0.70</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.388716 °	39.388716 °	
			-121.997774 °	-121.997774 °	
DWR ID	DWR_LD0003_01_s_2014_55				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

Photo 1 of 1 : rduffey\_s\_20140407\_157.jpg



View of the rodent activity along the w/s slope.

LM Start	<b>0.75</b>	Rating **	M	Issue No.	<b>3</b>
LM End	<b>0.75</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.388323 °	39.388323 °	
			-121.998727 °	-121.998727 °	
DWR ID	DWR_LD0003_01_s_2012_3				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : rduffey\_s\_20140304\_260.jpg



View of squirrel holes along the slope.

LM Start	<b>0.83</b>	Rating **	M	Issue No.	<b>67</b>
LM End	<b>0.83</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.388725 °	39.388725 °	
			-121.999870 °	-121.999870 °	
DWR ID	DWR_LD0003_01_f_2013_67				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

Photo 1 of 1 : rduffey\_s\_20140304\_293.jpg



View of the elderberries along the landside toe.

<b>* Location</b> LS : Land Side 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 2014**

**Levee District No. 0003 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	12.24	03/18/2014 03/18/2014	Bob Duffey

LM Start	<b>1.07</b>	Rating **	M	Issue No.	<b>56</b>
LM End	<b>1.07</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.391935 °	39.391935 °	
			-122.000414 °	-122.000414 °	
DWR ID	DWR_LD0003_01_s_2014_56				
Action/Comments					
Tree or limb					

Photo 1 of 1 : rduffey\_s\_20140407\_158.jpg



View of the down tree along the w/s toe.

LM Start	<b>1.20</b>	Rating **	M	Issue No.	<b>49</b>
LM End	<b>1.27</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.393653 °	39.394658 °	
			-122.000865 °	-122.001022 °	
DWR ID	DWR_LD0003_01_s_2012_49				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

Photo 1 of 1 : SP\_2014\_LD0003\_27\_49\_06177.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 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 2014**

**Levee District No. 0003 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	12.24	03/18/2014 03/18/2014	Bob Duffey

LM Start	<b>1.50</b>	Rating **	M	Issue No.	<b>11</b>
LM End	<b>1.50</b>	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.397780 °	39.397780 °	
			-122.002074 °	-122.002074 °	
DWR ID	DWR_LD0003_01_s_2014_11				
Action/Comments					
Inspector Comments: FS_ID:14573 EP_NO: 9930 Repair Type: Crossing Status: UCIP Comments: Steel plate welded over WS end of pipe. Slide gate at WS toe missing. Appears abandoned. FIELD_STRUCT_DESC: 24-inch corrugated metal pipe through the levee 14.5 feet below the crown slide gate on waterward end, 7'X9' concrete diversion box at landward toe (ABO No. 9930-Steel Ranch). Originally included in O+M manual (1960). FS Date: 6/4/2013					

Photo 1 of 1 : UCIP\_1063.jpg



Pipe open on LS toe at distribution box.

LM Start	<b>1.61</b>	Rating **	M	Issue No.	<b>20</b>
LM End	<b>1.61</b>	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.399330 °	39.399330 °	
			-122.002401 °	-122.002401 °	
DWR ID	DWR_LD0003_01_s_2014_20				
Action/Comments					
Inspector Comments: FS_ID:14576 EP_NO: 9931 Repair Type: Crossing Status: UCIP Comments: Appears abandoned. Pipe buried at slide gate on WS toe. FIELD_STRUCT_DESC: 24-inch corrugated metal pipe through the levee 15.0 feet below the crown, slide gate on waterward end. 6'X7' concrete distribution box on LS toe. (ABO No. 9931-L. F. Steel). Originally included in the O+M manual (1960). FS Date: 6/4/2013					

Photo 1 of 1 : UCIP\_1064.jpg



Concrete distribution box at LS toe.

<b>* Location</b> LS : Land Side 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  
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**Levee Inspection Report By Mile - Spring 2014**

**Levee District No. 0003 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	12.24	03/18/2014 03/18/2014	Bob Duffey

LM Start	<b>1.74</b>	Rating **	M	Issue No.	<b>58</b>
LM End	<b>1.80</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.401170 °	39.402123 °	
			-122.002186 °	-122.002067 °	
DWR ID	DWR_LD0003_01_s_2012_58				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

Photo 1 of 1 : rduffey\_s\_20140304\_285.jpg



View of the rodent holes along the waterside slope.

LM Start	<b>1.80</b>	Rating **	M	Issue No.	<b>13</b>
LM End	<b>2.45</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.402115 °	39.406538 °	
			-122.002047 °	-121.994995 °	
DWR ID	DWR_LD0003_01_s_2012_13				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	<b>1.85</b>	Rating **	M	Issue No.	<b>15</b>
LM End	<b>2.44</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.402738 °	39.406557 °	
			-122.001907 °	-121.995052 °	
DWR ID	DWR_LD0003_01_s_2012_15				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

<b>* Location</b> LS : Land Side 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 2014**

**Levee District No. 0003 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	12.24	03/18/2014 03/18/2014	Bob Duffey

LM Start	<b>1.90</b>	Rating **	M	Issue No.	<b>24</b>
LM End	<b>1.90</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.403419 °	39.403419 °
				-122.001871 °	-122.001871 °
DWR ID	DWR_LD0003_01_s_2014_24				
Action/Comments					
Inspector Comments: FS_ID:14577 EP_NO: 9935 Repair Type: Crossing Status: UCIP Comments: Appears abandoned. Pipe buried on WS toe. Debris and steel plate blocking inlet on LS. FIELD_STRUCT_DESC: 24-inch corrugated metal pipe through the levee and beneath the roadway 18.0 feet below the crown, slide gate on waterward end (ABO No. 9935-Watt). Originally included in the O+M manual (1960). FS Date: 6/4/2013					

Photo 1 of 1 : UCIP\_1068.jpg



Slide gate buried at WS toe.

LM Start	<b>2.13</b>	Rating **	M	Issue No.	<b>28</b>
LM End	<b>2.13</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.406353 °	39.406353 °
				-122.000674 °	-122.000674 °
DWR ID	DWR_LD0003_01_s_2014_28				
Action/Comments					
Inspector Comments: FS_ID:15144 EP_NO: N/A Repair Type: Crossing Status: UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 12-inch steel irrigation pipe through the levee 3.5-feet below the crown. Pump, butterfly valve, JP/meter at channel on LS toe. Siphon breaker in 12-inch steel riser on LS shoulder. 3-inch plastic drain on WS toe. FS Date: 6/4/2013					

Photo 1 of 1 : UCIP\_1227.jpg



Pump and butterfly valve off LS toe.

<b>* Location</b> LS : Land Side 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 2014**

**Levee District No. 0003 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	12.24	03/18/2014 03/18/2014	Bob Duffey

LM Start	<b>2.42</b>	Rating **	M	Issue No.	<b>32</b>
LM End	<b>2.42</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.406471 °	39.406471 °
				-121.995551 °	-121.995551 °
DWR ID	DWR_LD0003_01_s_2014_32				
Action/Comments					
Inspector Comments: FS_ID:14582 EP_NO: 9936 Repair Type: Crossing Status: UCIP Comments: Appears abandoned. Pipe buried on WS and blocked with tin and soil on the LS. FIELD_STRUCT_DESC: 24-inch corrugated metal pipe through the levee 18.3 feet below crown, slide gate on waterward end. 5-foot by 7-foot concrete distribution box at landward toe (ABO No. 9936-Watt). Originally included in the O+M manual (1960). FS Date: 6/4/2013					

Photo 1 of 1 : UCIP\_1071.jpg



Slide gate at WS toe.

LM Start	<b>2.50</b>	Rating **	M	Issue No.	<b>59</b>
LM End	<b>2.50</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.406809 °	39.406809 °
				-121.994100 °	-121.994100 °
DWR ID	DWR_LD0003_01_s_2014_59				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : ruffey\_s\_20140407\_159.jpg



View of the rodent activity along the w/s slope.

<b>* Location</b> LS : Land Side 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 2014**

**Levee District No. 0003 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	12.24	03/18/2014 03/18/2014	Bob Duffey

LM Start	<b>3.03</b>	Rating **	M	Issue No.	<b>36</b>
LM End	<b>3.03</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.412827 °	39.412827 °
				-121.991427 °	-121.991427 °
DWR ID	DWR_LD0003_01_s_2014_36				
Action/Comments					
Inspector Comments: FS_ID:14584 EP_NO: 9919 Repair Type: Crossing Status: UCIP Comments: Appears abandoned. Verify it was done corectly. FIELD_STRUCT_DESC: *Abandoned* 24-inch corrugated metal pipe through the levee 16.0 feet below the crown, slide gate on waterward end. 5'X7' concrete distribution box at LS toe is filled with grout (ABO No. 9919-Mills). Originally included in the O+M manual (1960) FS Date: 6/4/2013					

Photo 1 of 1 : UCIP\_1073.jpg



Distribution box on LS toe.

LM Start	<b>3.05</b>	Rating **	M	Issue No.	<b>66</b>
LM End	<b>3.34</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.413161 °	39.417055 °
				-121.991573 °	-121.993158 °
DWR ID	DWR_LD0003_01_f_2013_66				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : rduffey\_s\_20140304\_292.jpg



View of the rodent activity 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 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 2014**

**Levee District No. 0003 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	12.24	03/18/2014 03/18/2014	Bob Duffey

LM Start	<b>3.44</b>	Rating **	M	Issue No.	<b>9</b>
LM End	<b>3.44</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		39.418267 °	39.418267 °	
			-121.992472 °	-121.992472 °	
DWR ID	DWR_LD0003_01_s_2012_9				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

Photo 1 of 1 : rduffey\_s\_20140304\_266.jpg



View of the vehicle erosion on the landside slope of the levee.

LM Start	<b>3.82</b>	Rating **	M	Issue No.	<b>19</b>
LM End	<b>3.82</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		39.423747 °	39.423747 °	
			-121.991667 °	-121.991667 °	
DWR ID	DWR_LD0003_01_s_2012_19				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

Photo 1 of 1 : rduffey\_s\_20140304\_270.jpg



View of vehicle erosion on the slope.

LM Start	<b>4.07</b>	Rating **	M	Issue No.	<b>65</b>
LM End	<b>4.07</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.426571 °	39.426571 °	
			-121.988942 °	-121.988942 °	
DWR ID	DWR_LD0003_01_f_2013_65				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : rduffey\_s\_20140304\_291.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 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 Inspections**

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

**Levee District No. 0003 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	12.24	03/18/2014 03/18/2014	Bob Duffey

LM Start	<b>4.25</b>	Rating **	M	Issue No.	<b>1</b>
LM End	<b>4.25</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.428793 °	39.428793 °	
			-121.987495 °	-121.987495 °	
DWR ID	DWR_LD0003_01_s_2012_1				
Action/Comments					
Prunings					

Photo 1 of 1 : rduffey\_s\_20140304\_259.jpg



View of prunings along the W/S toe.

LM Start	<b>4.75</b>	Rating **	M	Issue No.	<b>63</b>
LM End	<b>4.75</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.435701 °	39.435701 °	
			-121.988189 °	-121.988189 °	
DWR ID	DWR_LD0003_01_f_2013_63				
Action/Comments					
Prunings					

Photo 1 of 1 : rduffey\_s\_20140304\_289.jpg



View of the prunings along the landside toe.

LM Start	<b>4.75</b>	Rating **	M	Issue No.	<b>64</b>
LM End	<b>4.75</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.435702 °	39.435702 °	
			-121.988189 °	-121.988189 °	
DWR ID	DWR_LD0003_01_f_2013_64				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : rduffey\_s\_20140304\_290.jpg



View of the rodent activity 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 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 2014**

**Levee District No. 0003 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	12.24	03/18/2014 03/18/2014	Bob Duffey

LM Start	<b>4.76</b>	Rating **	M	Issue No.	<b>2</b>
LM End	<b>4.76</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		39.435907 °	39.435907 °	
			-121.988242 °	-121.988242 °	
DWR ID	DWR_LD0003_01_f_2013_2				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

No Photos

LM Start	<b>4.90</b>	Rating **	M	Issue No.	<b>68</b>
LM End	<b>4.90</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.437857 °	39.437857 °	
			-121.988754 °	-121.988754 °	
DWR ID	DWR_LD0003_01_s_2014_68				
Action/Comments					
Prunings					

Photo 1 of 1 : rduffey\_s\_20140407\_160.jpg



View of the prunings along the l/s toe.

<b>* Location</b> LS : Land Side 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 2014**

**Levee District No. 0003 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	12.24	03/18/2014 03/18/2014	Bob Duffey

LM Start	<b>5.05</b>	Rating **	M	Issue No.	<b>38</b>
LM End	<b>5.05</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.439791 °	39.439791 °
				-121.989825 °	-121.989825 °
DWR ID	DWR_LD0003_01_s_2014_38				
Action/Comments					
Inspector Comments: FS_ID:15163 EP_NO: N/A Repair Type: Crossing Status: UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 4-inch steel irrigation pipe through the levee at an unknown depth. Pump, vent, and shutoff valve off LS toe. Possible shutoff valve off WS toe. FS Date: 6/4/2013					

Photo 1 of 1 : UCIP\_1229.jpg



Pumping plant off LS toe.

LM Start	<b>5.19</b>	Rating **	A/W	Issue No.	<b>21</b>
LM End	<b>5.34</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.441598 °	39.443793 °
				-121.990677 °	-121.991297 °
DWR ID	DWR_LD0003_01_s_2012_21				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : rduffey\_s\_20140304\_271.jpg



View of no rodent activity.

<b>* Location</b> LS : Land Side 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 2014**

**Levee District No. 0003 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	12.24	03/18/2014 03/18/2014	Bob Duffey

LM Start	<b>5.62</b>	Rating **	C	Issue No.	<b>22</b>
LM End	<b>5.62</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.447767 °	39.447767 °	
			-121.991575 °	-121.991575 °	
DWR ID	DWR_LD0003_01_s_2012_22				
Action/Comments					
Prunings					

No Photos

LM Start	<b>5.64</b>	Rating **	M	Issue No.	<b>62</b>
LM End	<b>5.76</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.447947 °	39.449739 °	
			-121.991770 °	-121.991978 °	
DWR ID	DWR_LD0003_01_f_2013_62				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : rduffey\_s\_20140304\_288.jpg



View of the rodent holes along the landside slope.

LM Start	<b>5.87</b>	Rating **	M	Issue No.	<b>25</b>
LM End	<b>5.99</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.451293 °	39.452872 °	
			-121.992370 °	-121.992897 °	
DWR ID	DWR_LD0003_01_s_2012_25				
Action/Comments					
Abandoned vehicles					

Photo 1 of 1 : rduffey\_s\_20140304\_273.jpg



View of the equipment along the L/S toe.

<b>* Location</b> LS : Land Side 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 2014**

**Levee District No. 0003 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	12.24	03/18/2014 03/18/2014	Bob Duffey

LM Start	<b>6.11</b>	Rating **	M	Issue No.	<b>8</b>
LM End	<b>6.11</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	USACE Erosion Survey		39.454696 °	39.455096 °	
			-121.994107 °	-121.994217 °	
DWR ID					
Action/Comments					
Inspector Comments: 1997 - Erosion of top left bank; eroding downstream of rock section where levee is closest to the bank, approximately 40 to 50 ft of bank retreat, some berm left. 1999 - Some new beach sedimentation at toe. 2000 - Snags in eddy area could induce bank erosion at higher flows. 2002 - Small bar is gone. 2003 - Bar is present and higher. 2004 - Some new deposition on the bank at the upstream end. 2006 - New sand on bar and bank. 2007 - New sand deposition with vegetation colonizing bars between dikes. 2008 - More eddy sedimentation and vegetation on bar along bank. Bank is healing due to retreat of right bank. 2009 - Additional bar sedimentation. 2010 - some deposition at toe, new erosion on opposite bank. Site continues to heal. 2012 - Majority of site healed but upstream end still needs toe rock. 2013: Unable to view from river due to low water conditions. [2013 Site ID: SAC_168-3_L]					

No Photos

LM Start	<b>6.30</b>	Rating **	M	Issue No.	<b>39</b>
LM End	<b>6.30</b>	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.457169 °	39.457169 °	
			-121.993835 °	-121.993835 °	
DWR ID	DWR_LD0003_01_s_2014_39				
Action/Comments					
Inspector Comments: FS_ID:14643 EP_NO: N/A Repair Type: Crossing Status: UCIP Comments: Appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 14-inch steel irrigation pipe through the levee 15-feet below the crown. Pump missing from WS slope. 36-inch concrete standpipe and concrete channel on LS toe. Originally included in O+M Manual 1955. FS Date: 6/4/2013					



Concrete standpipe on LS toe.

<b>* Location</b> LS : Land Side 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 2014**

**Levee District No. 0003 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	12.24	03/18/2014 03/18/2014	Bob Duffey

LM Start	<b>6.36</b>	Rating **	M	Issue No.	<b>7</b>
LM End	<b>6.42</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.457968 °	39.458797 °	
			-121.993712 °	-121.993753 °	
DWR ID	DWR_LD0003_01_s_2012_7				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	<b>6.41</b>	Rating **	M	Issue No.	<b>48</b>
LM End	<b>6.50</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.458587 °	39.459912 °	
			-121.993777 °	-121.993592 °	
DWR ID	DWR_LD0003_01_s_2012_48				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

<b>* Location</b> LS : Land Side 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 2014**

**Levee District No. 0003 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	12.24	03/18/2014 03/18/2014	Bob Duffey

LM Start	<b>6.66</b>	Rating **	M	Issue No.	<b>40</b>
LM End	<b>6.66</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.462145 °	39.462145 °
				-121.992831 °	-121.992831 °
DWR ID	DWR_LD0003_01_s_2014_40				
Action/Comments					
Inspector Comments: FS_ID:14664 EP_NO: 9906 Repair Type: Crossing Status: UCIP Comments: Pipe appears to be abandoned and should be done so properly. FIELD_STRUCT_DESC: 24-inch steel pipe through levee 13.0 feet below crown, slide gate on waterward end, pump house on berm. Slide gate in 7'X12' concrete pit on waterward side with flap gate on pipe from pumphouse. Pipe discharges into irrigation ditch on landward side (ABO No. 9906-Clare). Originally included in O+M manual 1955. FS Date: 6/4/2013					

Photo 1 of 1 : UCIP\_1089.jpg



Slidegate inside concrete box on WS slope.

LM Start	<b>6.69</b>	Rating **	M	Issue No.	<b>34</b>
LM End	<b>6.69</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.462505 °	39.462505 °
				-121.992698 °	-121.992698 °
DWR ID	DWR_LD0003_01_s_2012_34				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

No Photos

<b>* Location</b> LS : Land Side 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 2014**

**Levee District No. 0003 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	12.24	03/18/2014 03/18/2014	Bob Duffey

LM Start	<b>6.69</b>	Rating **	C	Issue No.	<b>33</b>
LM End	<b>6.69</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.462568 °	39.462568 °	
			-121.992670 °	-121.992670 °	
DWR ID	DWR_LD0003_01_s_2012_33				
Action/Comments					
Garbage					

No Photos

LM Start	<b>6.71</b>	Rating **	M	Issue No.	<b>45</b>
LM End	<b>6.71</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.462815 °	39.462815 °	
			-121.992723 °	-121.992723 °	
DWR ID	DWR_LD0003_01_s_2012_45				
Action/Comments					
Building					

No Photos

LM Start	<b>6.73</b>	Rating **	M	Issue No.	<b>46</b>
LM End	<b>6.73</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.463100 °	39.463100 °	
			-121.992687 °	-121.992687 °	
DWR ID	DWR_LD0003_01_s_2012_46				
Action/Comments					
Building					

No Photos

<b>* Location</b> LS : Land Side 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 2014**

**Levee District No. 0003 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	12.24	03/18/2014 03/18/2014	Bob Duffey

LM Start	<b>6.74</b>	Rating **	M	Issue No.	<b>12</b>
LM End	<b>6.74</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.463366 °	39.463366 °
				-121.992586 °	-121.992586 °
DWR ID	DWR_LD0003_01_f_2012_12				
Action/Comments					
Repair slope instability. Inspector Comments: Building has burned down.					

Photo 1 of 1 : rduffey\_s\_20140304\_268.jpg



View of concrete stairs & foundation along the slope of the levee.

LM Start	<b>6.76</b>	Rating **	C	Issue No.	<b>44</b>
LM End	<b>6.76</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.463463 °	39.463463 °
				-121.992563 °	-121.992563 °
DWR ID	DWR_LD0003_01_s_2012_44				
Action/Comments					
Equipment					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown
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<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
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<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 2014**

**Levee District No. 0003 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	12.24	03/18/2014 03/18/2014	Bob Duffey

LM Start	<b>6.85</b>	Rating **	M	Issue No.	<b>41</b>
LM End	<b>6.85</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.464596 °	39.464596 °
				-121.991850 °	-121.991850 °
DWR ID	DWR_LD0003_01_s_2014_41				
Action/Comments					
Inspector Comments: FS_ID:15165 EP_NO: 13972 Repair Type: Crossing Status: UCIP Comments: Pipe leaking on LS toe. FIELD_STRUCT_DESC: 1-inch steel waterline service through the levee at an unknown depth below the crown. Meter and siphon valve in concrete box at LS toe. (Permit No. 13972, 1984) FS Date: 6/4/2013					

Photo 1 of 1 : UCIP\_1234.jpg



Pipe leaking at LS toe.

LM Start	<b>6.88</b>	Rating **	M	Issue No.	<b>35</b>
LM End	<b>6.88</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.465013 °	39.465013 °
				-121.991455 °	-121.991455 °
DWR ID	DWR_LD0003_01_s_2012_35				
Action/Comments					
Trim trees to at least five feet above ground level.					

Photo 1 of 1 : rduffey\_s\_20140304\_282.jpg



View of the trees that are hanging over the landside slope of the levee.

<b>* Location</b> LS : Land Side 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 2014**

**Levee District No. 0003 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	12.24	03/18/2014 03/18/2014	Bob Duffey

LM Start	<b>6.91</b>	Rating **	M	Issue No.	<b>42</b>
LM End	<b>6.92</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.465567 °	39.465595 °	
			-121.991415 °	-121.991412 °	
DWR ID	DWR_LD0003_01_s_2012_42				
Action/Comments					
Building					

Photo 1 of 1 : SP\_2014\_LD0003\_27\_42\_06178.jpg



View of the building along the L/S toe.

LM Start	<b>7.27</b>	Rating **	M	Issue No.	<b>43</b>
LM End	<b>7.27</b>	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.470471 °	39.470471 °	
			-121.991278 °	-121.991278 °	
DWR ID	DWR_LD0003_01_s_2014_43				
Action/Comments					
Inspector Comments: FS_ID:14686 EP_NO: N/A Repair Type: Crossing Status: UCIP Comments: Distribution box filled in with soil on LS toe. Need to verify proper abandonment. FIELD_STRUCT_DESC: *Abandoned* 24-inch steel pipe through levee, 10.0 feet below crown. 7'X9' Concrete distribution box at landward toe filled in with soil (Torres). FS Date: 6/4/2013					

Photo 1 of 1 : UCIP\_1094.jpg



Pump located on LS toe next to concrete distribution box.

<b>* Location</b> LS : Land Side 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 2014**

**Levee District No. 0003 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	12.24	03/18/2014 03/18/2014	Bob Duffey

LM Start	<b>7.34</b>	Rating **	M	Issue No.	<b>14</b>
LM End	<b>7.34</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		39.471658 °	39.471658 °	
			-121.991245 °	-121.991245 °	
DWR ID	DWR_LD0003_01_s_2012_14				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

Photo 1 of 1 : rduffey\_s\_20140304\_269.jpg



Vehicle erosion along the slope.

LM Start	<b>7.50</b>	Rating **	M	Issue No.	<b>37</b>
LM End	<b>7.50</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.473793 °	39.473793 °	
			-121.991208 °	-121.991208 °	
DWR ID	DWR_LD0003_01_s_2012_37				
Action/Comments					
Debris					

No Photos

LM Start	<b>7.74</b>	Rating **	M	Issue No.	<b>61</b>
LM End	<b>7.74</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.477150 °	39.477150 °	
			-121.991038 °	-121.991038 °	
DWR ID	DWR_LD0003_01_f_2013_61				
Action/Comments					
Prunings					

Photo 1 of 1 : rduffey\_s\_20140304\_287.jpg



View of the pruning along the landside toe.

<b>* Location</b> LS : Land Side 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 2014**

**Levee District No. 0003 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	12.24	03/18/2014 03/18/2014	Bob Duffey

LM Start	<b>7.75</b>	Rating **	M	Issue No.	<b>47</b>
LM End	<b>7.75</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.477223 °	39.477223 °
				-121.991021 °	-121.991021 °
DWR ID	DWR_LD0003_01_s_2014_47				
Action/Comments					
Inspector Comments: FS_ID:14687 EP_NO: N/A Repair Type: Crossing Status: UCIP Comments: Verify pipe was abandoned properly FIELD_STRUCT_DESC: 18-inch steel irrigation pipe through the levee 14.7 feet below the crown. Pump and pipe visible at edge of pond off WS toe (Kaiser-Aetna) FS Date: 6/4/2013					

Photo 1 of 1 : UCIP\_1097.jpg



Pipe visible at pond off WS toe.

LM Start	<b>7.84</b>	Rating **	M	Issue No.	<b>60</b>
LM End	<b>7.84</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.478464 °	39.478464 °
				-121.990686 °	-121.990686 °
DWR ID	DWR_LD0003_01_f_2013_60				
Action/Comments					
Prunings					

Photo 1 of 1 : rduffey\_s\_20140304\_286.jpg



View of the prunings along the landside toe.

<b>* Location</b> LS : Land Side 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 2014**

**Levee District No. 0003 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	12.24	03/18/2014 03/18/2014	Bob Duffey

LM Start	<b>8.71</b>	Rating **	M	Issue No.	<b>26</b>
LM End	<b>9.86</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			39.508117 °	39.504388 °
				-121.986562 °	-121.985301 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: 2007 - Getting close to the levee. Bank is clayey silt with clayey/silty toe. 2008 - Looks a little worse at the upstream end. 2009 - Some new erosion and slumping. 2010 - Some new erosion upstream of site, actively eroding at low flow. New bank swallow colony noted. 2011 - Significant erosion since last year, with an estimated 10 to 15 feet of berm lost. Large sections of the bank have slumped off. 2012 - Part of the site appears to be stabilizing, but still minor slumping in other locations. 2013: Minor new erosion at the toe. [2013 Site ID: SAC_172-0_L]					

Photo 1 of 3 : USACE2013A\_SAC\_172-0\_L\_3.jpg



USACE 2013 Photo #1

LM Start	<b>8.71</b>	Rating **	M	Issue No.	<b>26 (cont)</b>
LM End	<b>9.86</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : USACE2013A\_SAC\_172-0\_L\_4.jpg



USACE 2013 Photo #2

<b>* Location</b> LS : Land Side 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 2014**

**Levee District No. 0003 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	12.24	03/18/2014 03/18/2014	Bob Duffey

LM Start	<b>8.71</b>	Rating **	M	Issue No.	<b>26 (cont)</b>
LM End	<b>9.86</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	USACE Erosion Survey		39.508117 °	39.504388 °	
			-121.986562 °	-121.985301 °	
DWR ID					
Action/Comments					
Inspector Comments: 2007 - Getting close to the levee. Bank is clayey					

Photo 3 of 3 : USACE2013A\_SAC\_172-0\_L\_10.jpg



USACE 2013 Photo #3

LM Start	<b>9.32</b>	Rating **	M	Issue No.	<b>50</b>
LM End	<b>9.32</b>	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.497574 °	39.497574 °	
			-121.987548 °	-121.987548 °	
DWR ID	DWR_LD0003_01_s_2014_50				
Action/Comments					
Inspector Comments: FS_ID:14688 EP_NO: 1623 Repair Type: Crossing Status: UCIP Comments: Abandoned and should be done so properly. FIELD_STRUCT_DESC: 1.5-inch galvanized iron pipe through the levee 8.0 feet below the crown (Permit No.1623-Holgersoo). FS Date: 6/4/2013					

Photo 1 of 1 : UCIP\_1099.jpg



Water tank, pump, and well head on LS toe.

<b>* Location</b> LS : Land Side 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 2014**

**Levee District No. 0003 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	12.24	03/18/2014 03/18/2014	Bob Duffey

LM Start	<b>9.34</b>	Rating **	M	Issue No.	<b>27</b>
LM End	<b>9.39</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.497837 °	39.498533 °	
			-121.987317 °	-121.986982 °	
DWR ID	DWR_LD0003_01_s_2013_27				
Action/Comments					
Pipe					

No Photos

LM Start	<b>10.36</b>	Rating **	N	Issue No.	<b>5</b>
LM End	<b>10.47</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.511788 °	39.512395 °	
			-121.983750 °	-121.981975 °	
DWR ID	DWR_LD0003_01_s_2012_5				
Action/Comments					
Tree stumps.					

No Photos

<b>* Location</b> LS : Land Side 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 2014**

**Levee District No. 0003 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	12.24	03/18/2014 03/18/2014	Bob Duffey

LM Start	<b>10.46</b>	Rating **	M	Issue No.	<b>51</b>
LM End	<b>10.46</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.512393 °	39.512393 °
				-121.982100 °	-121.982100 °
DWR ID	DWR_LD0003_01_s_2014_51				
Action/Comments					
Inspector Comments: FS_ID:14689 EP_NO: 1063 Repair Type: Crossing Status: UCIP Comments: Verify pipe was abandoned properly. (no photos taken) FIELD_STRUCT_DESC: *Abandoned* 14-inch concrete pipe through levee 8.5 feet below crown. Slide gate in 36-inch concrete riser on waterward toe (Permit No. 1063-Damon). FS Date: 6/4/2013					

No Photos

LM Start	<b>10.73</b>	Rating **	N	Issue No.	<b>29</b>
LM End	<b>10.73</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.515342 °	39.515342 °
				-121.979202 °	-121.979202 °
DWR ID	DWR_LD0003_01_s_2012_29				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : SP\_2014\_LD0003\_27\_29\_06179.jpg



View of the stump along the toe.

<b>* Location</b> LS : Land Side 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 2014**

**Levee District No. 0003 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	12.24	03/18/2014 03/18/2014	Bob Duffey

LM Start	<b>10.90</b>	Rating **	N	Issue No.	<b>30</b>
LM End	<b>10.90</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.517715 °	39.517715 °
				-121.979155 °	-121.979155 °
DWR ID	DWR_LD0003_01_s_2012_30				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : SP\_2014\_LD0003\_27\_30\_06180.jpg



View of the stump along the slope.

LM Start	<b>11.20</b>	Rating **	M	Issue No.	<b>52</b>
LM End	<b>11.20</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.521780 °	39.521780 °
				-121.979013 °	-121.979013 °
DWR ID	DWR_LD0003_01_s_2014_52				
Action/Comments					
Inspector Comments: FS_ID:14690 EP_NO: 3193 Repair Type: Crossing Status: UCIP Comments: Pipe appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 10-inch steel pipe through levee at crown elevation. 5.5-inch pipe extended out on waterward end, supplying water tanks at landward toe. Discharge into metal tank covered at landward toe. Pump and meter on landward side (Permit No. 3193- T. Southam). Design drawings available in permit. FS Date: 6/4/2013					

Photo 1 of 1 : UCIP\_1103.jpg



10-inch pipe and pump on LS.

<b>* Location</b> LS : Land Side 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 2014**

**Levee District No. 0003 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	12.24	03/18/2014 03/18/2014	Bob Duffey

LM Start	<b>11.22</b>	Rating **	M	Issue No.	<b>4</b>
LM End	<b>11.25</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.522058 °	39.522480 °	
			-121.979133 °	-121.979200 °	
DWR ID	DWR_LD0003_01_s_2012_4				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

Photo 1 of 1 : rduffey\_s\_20140304\_261.jpg



View of the trees along the slope.

LM Start	<b>11.29</b>	Rating **	M	Issue No.	<b>6</b>
LM End	<b>11.29</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		39.522921 °	39.522921 °	
			-121.979172 °	-121.979172 °	
DWR ID	DWR_LD0003_01_f_2012_6				
Action/Comments					
Repair slope instability.					

Photo 1 of 1 : rduffey\_s\_20140304\_262.jpg



View of the verical cut along the w/s toe.

<b>* Location</b> LS : Land Side 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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