

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2016 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 2016 Levee Inspection Results

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles
Unit No. 01 Glenn County Sacramento River	Left	11.97

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/25/2016 - 3/25/2016			
DWR Inspector	Keith Millard			
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 2016

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	03/25/2016 03/25/2016	Keith Millard

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				
Comment Code					
Inspector Comment					
The LMA has the O&M manuals.					

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				
Comment Code					
Inspector Comment					
The LMA has adequate flood fight supplies and equipment.					

No Photos

LM Start		Rating **	A	Issue No.	18
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training				
DWR ID	DWR_LD0003_01_s_2013_18				
Comment Code					
Inspector Comment					
The LMA has completed flood fight training in the past.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type 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 2016

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	03/25/2016 03/25/2016	Keith Millard

LM Start	0.56	Rating **	M	Issue No.	23
LM End	0.63	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				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	0.69	Rating **	M	Issue No.	55
LM End	0.69	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				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2016_LD0003_27_55_20160324_00032.jpg



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

LM Start	0.71	Rating **	U	Issue No.	3
LM End	0.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.388578 °	39.388323 °	
			-121.997987 °	-121.998727 °	
DWR ID	DWR_LD0003_01_s_2012_3				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2016_LD0003_27_3_20160324_00001.jpg



View of squirrel holes along the slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type 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 2016

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	03/25/2016 03/25/2016	Keith Millard

LM Start	0.78	Rating **	M	Issue No.	44
LM End	0.78	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		39.388440 °	39.388440 °	
			-121.999175 °	-121.999175 °	
DWR ID	DWR_LD0003_01_f_2015_44				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Repair the waterside slope damage caused by vehicle traffic.					

Photo 1 of 1 : SP_2016_LD0003_27_44_20160324_00023.jpg



View of the vehicle erosion along the waterside slope.

LM Start	0.79	Rating **	M	Issue No.	49
LM End	0.79	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		39.388508 °	39.388508 °	
			-121.999407 °	-121.999407 °	
DWR ID	DWR_LD0003_01_f_2015_49				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Repair the landside slope damaged by vehicle traffic.					

Photo 1 of 1 : SP_2016_LD0003_27_49_20160324_00026.jpg



View of the landside slope erosion caused by vehicle traffic.

LM Start	0.81	Rating **	U	Issue No.	51
LM End	0.91	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.388690 °	39.389867 °	
			-121.999820 °	-122.000585 °	
DWR ID	DWR_LD0003_01_f_2015_51				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Repair the rodent holes along the landside slope.					

Photo 1 of 1 : SP_2016_LD0003_27_51_20160324_00029.jpg



View of the rodent holes along the landside slope.

* 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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	03/25/2016 03/25/2016	Keith Millard

LM Start	0.82	Rating **	M	Issue No.	67
LM End	0.82	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				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	1.21	Rating **	M	Issue No.	52
LM End	1.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.394010 °	39.394010 °	
			-122.000977 °	-122.000977 °	
DWR ID	DWR_LD0003_01_f_2015_52				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Repair the rodent holes along the landside slope.					

Photo 1 of 1 : SP_2016_LD0003_27_52_20160324_00030.jpg



View of the rodent holes along the landside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type 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 2016

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	03/25/2016 03/25/2016	Keith Millard

LM Start	1.35	Rating **	A/W	Issue No.	8
LM End	1.62	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			39.395982 °	39.399959 °
				-122.002451 °	-122.003522 °
DWR ID	DWR_LD0003_01_s_2016_8				
Comment Code					
Inspector Comment					
2000 - Snags along toe at downstream end; slow erosion. 2001 - A couple of small fresh slumps in the lower bank section. 2006 - Some minor new erosion at the downstream end. 2009 - Some new erosion. 2010 - New toe erosion. 2011 - Minor new erosion. 2012 - Minor new erosion at the toe. 2013 - Site removed because sufficient berm width, does not meet criteria. 2015: [2015 Site ID: SAC_163-0_L]					

No Photos

LM Start	1.47	Rating **	M	Issue No.	95
LM End	1.47	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.397780 °	39.397780 °
				-122.002074 °	-122.002074 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:14573 DS_ID:18830 EP_NO: 9930 Repair Type: Non-Urgent Crossing Status: Found 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 2 : UCIP_SP_2016_14573_24038.jpg



24-inch CMP stormdrain on WS toe.

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type 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 2016

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	03/25/2016 03/25/2016	Keith Millard

LM Start	1.58	Rating **	M	Issue No.	96 (cont)
LM End	1.58	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.399330 °	39.399330 °
				-122.002402 °	-122.002402 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:14576 DS_ID:18823 EP_NO: 9931 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned. Pipe burried 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 2 of 2 : UCIP_SP_2016_14576_24051.jpg



Concrete distribution box at LS toe.

LM Start	1.73	Rating **	U	Issue No.	15
LM End	2.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.401452 °	39.406557 °
				-122.002132 °	-121.995052 °
DWR ID	DWR_LD0003_01_s_ 2012_15				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Repair the rodent holes along the landside slope.					

Photo 1 of 1 : SP_2016_LD0003_27_15_20160324_00012.jpg



View of the rodent holes along the landside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type 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 2016

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	03/25/2016 03/25/2016	Keith Millard

LM Start	1.78	Rating **	U	Issue No.	13
LM End	2.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.402115 °	39.407248 °	
			-122.002047 °	-121.993177 °	
DWR ID	DWR_LD0003_01_s_2012_13				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2016_LD0003_27_13_20160324_00010.jpg



View of the rodent holes along the waterside slope.

LM Start	1.87	Rating **	M	Issue No.	97
LM End	1.87	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.403419 °	39.403419 °	
			-122.001871 °	-122.001871 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:14577 DS_ID:18825 EP_NO: 9935 Repair Type: Non-Urgent Crossing Status: Found 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 2 : UCIP_SP_2016_14577_24055.jpg



Slide gate buried at WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type 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 2016

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	03/25/2016 03/25/2016	Keith Millard

LM Start	1.87	Rating **	M	Issue No.	97 (cont)
LM End	1.87	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.403419 °	39.403419 °
				-122.001871 °	-122.001871 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:14577 DS_ID:18825 EP_NO: 9935 Repair Type: Non-Urgent Crossing Status: Found 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 2 of 2 : UCIP_SP_2016_14577_24054.jpg



Concrete distribution box off LS toe.

LM Start	2.10	Rating **	M	Issue No.	100
LM End	2.10	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.406353 °	39.406353 °
				-122.000674 °	-122.000674 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:15144 DS_ID:23151 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found 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 2 : UCIP_SP_2016_15144_24883.jpg



Siphon breaker in steel riser on LS shoulder with pump in background.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type 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 2016

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	03/25/2016 03/25/2016	Keith Millard

LM Start	2.38	Rating **	M	Issue No.	98 (cont)
LM End	2.38	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.406471 °	39.406471 °
				-121.995551 °	-121.995551 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:14582 DS_ID:18827 EP_NO: 9936 Repair Type: Non-Urgent Crossing Status: Found 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 2 of 2 : UCIP_SP_2016_14582_24075.jpg



Concrete distribution box on LS toe.

LM Start	2.57	Rating **	U	Issue No.	47
LM End	2.57	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.407582 °	39.407582 °
				-121.992417 °	-121.992417 °
DWR ID	DWR_LD0003_01_f_2015_47				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Repair rodent hole on LS slope.					

Photo 1 of 1 : SP_2016_LD0003_27_47_20160324_00024.jpg



View of the rodent holes along the landside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type 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 2016

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	03/25/2016 03/25/2016	Keith Millard

LM Start	2.96	Rating **	U	Issue No.	54
LM End	3.09	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.412613 °	39.414392 °	
			-121.991278 °	-121.992257 °	
DWR ID	DWR_LD0003_01_f_2015_54				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Implement rodent control measures and repair rodent damage on LS slope.					

Photo 1 of 1 : SP_2016_LD0003_27_54_20160324_00031.jpg



View of the rodent holes along the landside slope.

LM Start	2.96	Rating **	M	Issue No.	56
LM End	2.96	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.412627 °	39.412627 °	
			-121.991282 °	-121.991282 °	
DWR ID	DWR_LD0003_01_f_2015_56				
Comment Code					
MA : Material					
Inspector Comment					
Remove tree stakes, wire, and other debris from toe of levee					

Photo 1 of 1 : SP_2016_LD0003_27_56_20160324_00033.jpg



View of the wire and tree stakes along the landside toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type 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 2016

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	03/25/2016 03/25/2016	Keith Millard

LM Start	2.98	Rating **	M	Issue No.	99
LM End	2.98	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.412827 °	39.412827 °
				-121.991427 °	-121.991427 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:14584 DS_ID:18829 EP_NO: 9919 Repair Type: Non-Urgent Crossing Status: Indicator Found 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 2 : UCIP_SP_2016_14584_24081.jpg



5'X7' concrete distribution box filled in with grout.

LM Start	2.98	Rating **	M	Issue No.	99 (cont)
LM End	2.98	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_14584_24080.jpg



Distribution box on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type 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 2016

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	03/25/2016 03/25/2016	Keith Millard

LM Start	3.39	Rating **	M	Issue No.	9
LM End	3.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		39.418382 °	39.418382 °	
			-121.992480 °	-121.992480 °	
DWR ID	DWR_LD0003_01_s_2012_9				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Repair the erosion along the landside slope and prevent vehicle access					

Photo 1 of 1 : SP_2016_LD0003_27_9_20160324_00005.jpg



View of the vehicle erosion along the landside slope.

LM Start	3.41	Rating **	U	Issue No.	58
LM End	3.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.418687 °	39.419762 °	
			-121.992422 °	-121.992307 °	
DWR ID	DWR_LD0003_01_f_2015_58				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Implement rodent control measures and repair rodent damage on LS slope.					

Photo 1 of 1 : SP_2016_LD0003_27_58_20160324_00034.jpg



View of the rodent. Holes along the landside slope.

LM Start	3.76	Rating **	M	Issue No.	19
LM End	3.76	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				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Repair the vehicle erosion on the landside slope.					

Photo 1 of 1 : SP_2016_LD0003_27_19_20160324_00013.jpg



View of the vehicle erosion along the landside slope.

* 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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	03/25/2016 03/25/2016	Keith Millard

LM Start	3.88	Rating **	U	Issue No.	59
LM End	3.88	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.425162 °	39.425162 °	
			-121.990528 °	-121.990528 °	
DWR ID	DWR_LD0003_01_f_2015_59				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Repair the rodent holes along the landside slope.					

Photo 1 of 1 : SP_2016_LD0003_27_59_20160324_00035.jpg



View of the rodent holes along the landside slope.

LM Start	3.98	Rating **	M	Issue No.	43
LM End	3.98	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.426325 °	39.426325 °	
			-121.989198 °	-121.989198 °	
DWR ID	DWR_LD0003_01_s_2015_43				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove the prunings from the waterside slope.					

Photo 1 of 1 : SP_2016_LD0003_27_43_20160324_00022.jpg



View of the prunings along the waterside slope.

LM Start	4.33	Rating **	M	Issue No.	66
LM End	4.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.430927 °	39.430927 °	
			-121.987142 °	-121.987142 °	
DWR ID	DWR_LD0003_01_f_2015_66				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove prunings from LS toe.					

Photo 1 of 1 : SP_2016_LD0003_27_66_20160324_00041.jpg



View of the prunings along the landside toe.

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type 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 2016

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	03/25/2016 03/25/2016	Keith Millard

LM Start	4.63	Rating **	U	Issue No.	64
LM End	4.68	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.435205 °	39.435855 °	
			-121.988097 °	-121.988252 °	
DWR ID	DWR_LD0003_01_f_2013_64				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Implement rodent control measures and repair rodent damage on LS slope.					

Photo 1 of 1 : SP_2016_LD0003_27_64_20160324_00040.jpg



View of the rodent activity along the landside slope.

LM Start	4.66	Rating **	M	Issue No.	63
LM End	4.66	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				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : SP_2016_LD0003_27_63_20160324_00039.jpg



View of the prunings along the landside toe.

LM Start	4.68	Rating **	M	Issue No.	2
LM End	4.68	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				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
tire ruts land and water sides					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type 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 2016

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	03/25/2016 03/25/2016	Keith Millard

LM Start	4.82	Rating **	M	Issue No.	68
LM End	4.82	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				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : SP_2016_LD0003_27_68_20160324_00043.jpg



View of the prunings along the l/s toe.

LM Start	4.96	Rating **	M	Issue No.	101
LM End	4.96	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					
Comment Code					
Inspector Comment					
FS_ID:15163 DS_ID:23152 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found 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 2 : UCIP_SP_2016_15163_24902.jpg



Possible shutoff valve on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type 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 2016

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	03/25/2016 03/25/2016	Keith Millard

LM Start	4.96	Rating **	M	Issue No.	101 (cont)
LM End	4.96	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					
Comment Code					
Inspector Comment					
FS_ID:15163 DS_ID:23152 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found 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 2 of 2 : UCIP_SP_2016_15163_24901.jpg



Pumping plant off LS toe.

LM Start	5.06	Rating **	M	Issue No.	69
LM End	5.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.441057 °	39.441057 °
				-121.990458 °	-121.990458 °
DWR ID	DWR_LD0003_01_f_2015_69				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove prunings from LS slope.					

Photo 1 of 1 : SP_2016_LD0003_27_69_20160324_00044.jpg



View of the prunings along the landside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type 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 2016

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	03/25/2016 03/25/2016	Keith Millard

LM Start	5.06	Rating **	U	Issue No.	21
LM End	5.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.441128 °	39.443793 °
				-121.990475 °	-121.991297 °
DWR ID	DWR_LD0003_01_f_2015_21				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Remove the rodent holes along the landside slope.					

Photo 1 of 2 : SP_2016_LD0003_27_21_20160324_00014.jpg



View of no rodent activity.

LM Start	5.06	Rating **	U	Issue No.	21 (cont)
LM End	5.25	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2016_LD0003_27_21_20160324_00015.jpg



View of the rodent holes along the landside slope.

LM Start	5.39	Rating **	U	Issue No.	70
LM End	5.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.445808 °	39.445808 °
				-121.991552 °	-121.991552 °
DWR ID	DWR_LD0003_01_f_2015_70				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Remove the rodent holes along the landside slope.					

Photo 1 of 1 : SP_2016_LD0003_27_70_20160324_00045.jpg



View of the rodent holes along the landside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type 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 2016

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	03/25/2016 03/25/2016	Keith Millard

LM Start	5.53	Rating **	U	Issue No.	62
LM End	5.62	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.447900 °	39.449115 °	
			-121.991748 °	-121.991873 °	
DWR ID	DWR_LD0003_01_f_2013_62				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2016_LD0003_27_62_20160324_00038.jpg



View of the rodent holes along the landside slope.

LM Start	5.77	Rating **	M	Issue No.	25
LM End	5.88	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				
Comment Code					
AV : Abandoned vehicles					
Inspector Comment					

Photo 1 of 1 : SP_2016_LD0003_27_25_20160324_00016.jpg



View of the equipment along the L/S toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type 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 2016

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	03/25/2016 03/25/2016	Keith Millard

LM Start	6.02	Rating **	M	Issue No.	11
LM End	6.05	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			39.454696 °	39.455096 °
				-121.994107 °	-121.994217 °
DWR ID	DWR_LD0003_01_s_2016_11				
Comment Code					
Inspector Comment					
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. 2015: Last observed in 2013. [2015 Site ID: SAC_168-3_L]					

No Photos

LM Start	6.06	Rating **	U	Issue No.	71
LM End	6.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.455313 °	39.455313 °
				-121.993712 °	-121.993712 °
DWR ID	DWR_LD0003_01_f_2015_71				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Repair rodent damage on LS slope.					

Photo 1 of 1 : SP_2016_LD0003_27_71_20160324_00046.jpg



View of the rodent holes along the landside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type 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 2016

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	03/25/2016 03/25/2016	Keith Millard

LM Start	6.11	Rating **	U	Issue No.	72
LM End	6.11	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.456018 °	39.456018 °
				-121.993772 °	-121.993772 °
DWR ID	DWR_LD0003_01_f_2015_72				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Repair rodent damage on LS slope					

Photo 1 of 1 : SP_2016_LD0003_27_72_20160324_00047.jpg



View of the rodent holes along the landside slope.

LM Start	6.19	Rating **	M	Issue No.	88
LM End	6.19	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.457170 °	39.457170 °
				-121.993836 °	-121.993836 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:14643 DS_ID:18846 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found 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					

Photo 1 of 2 : UCIP_SP_2016_14643_24142.jpg



Concrete standpipe on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type 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 2016

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	03/25/2016 03/25/2016	Keith Millard

LM Start	6.19	Rating **	M	Issue No.	88 (cont)
LM End	6.19	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.457170 °	39.457170 °
				-121.993836 °	-121.993836 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:14643 DS_ID:18846 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found 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					

Photo 2 of 2 : UCIP_SP_2016_14643_24141.jpg



Concrete standpipe and channel on LS toe.

LM Start	6.24	Rating **	M	Issue No.	7
LM End	6.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.457968 °	39.459955 °
				-121.993712 °	-121.993512 °
DWR ID	DWR_LD0003_01_s_2012_7				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2016_LD0003_27_7_20160324_00004.jpg



Trim the trees 5 feet for better visibility.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type 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 2016

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	03/25/2016 03/25/2016	Keith Millard

LM Start	6.29	Rating **	M	Issue No.	48
LM End	6.38	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				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2016_LD0003_27_48_20160324_00025.jpg



Trim the trees up 5 feet for better visibility.

LM Start	6.36	Rating **	U	Issue No.	65
LM End	6.36	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.459690 °	39.459690 °	
			-121.993680 °	-121.993680 °	
DWR ID	DWR_LD0003_01_s_2016_65				
Comment Code					
DE : Debris					
Inspector Comment					
broken concrete and soil					

Photo 1 of 1 : SP_2016_LD0003_27_65_20160405_00096.jpg



Concrete and soil obstructing visibility and access

LM Start	6.38	Rating **	U	Issue No.	73
LM End	6.38	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.459955 °	39.459955 °	
			-121.993512 °	-121.993512 °	
DWR ID	DWR_LD0003_01_f_2015_73				
Comment Code					
MA : Material					
Inspector Comment					
Feed product pile at toe of levee should be moved at least 10-feet off LS toe.					

Photo 1 of 1 : SP_2016_LD0003_27_73_20160324_00048.jpg



View of the feed product stored along the landside toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type 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 2016

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	03/25/2016 03/25/2016	Keith Millard

LM Start	6.43	Rating **	U	Issue No.	74
LM End	6.43	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.460563 °	39.460563 °	
			-121.993195 °	-121.993195 °	
DWR ID	DWR_LD0003_01_f_2015_74				
Comment Code					
DE : Debris					
Inspector Comment					
Remove the metal roof from the landside slope.					

Photo 1 of 1 : SP_2016_LD0003_27_74_20160324_00049.jpg



View of the metal roof laying on the landside slope.

LM Start	6.45	Rating **	U	Issue No.	83
LM End	6.45	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.460870 °	39.460870 °	
			-121.993120 °	-121.993120 °	
DWR ID	DWR_LD0003_01_s_2016_83				
Comment Code					
EQ : Equipment					
Inspector Comment					
equipment and vehicles parked at LS toe					

No Photos

LM Start	6.50	Rating **	U	Issue No.	75
LM End	6.53	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.461557 °	39.462033 °	
			-121.992957 °	-121.992892 °	
DWR ID	DWR_LD0003_01_f_2015_75				
Comment Code					
MA : Material					
Inspector Comment					
Feed product pile at toe of levee should be moved at least 10-feet off LS toe.					

Photo 1 of 1 : SP_2016_LD0003_27_75_20160324_00050.jpg



View of the feed product stored along the landside toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type 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 2016

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	03/25/2016 03/25/2016	Keith Millard

LM Start	6.50	Rating **	M	Issue No.	84
LM End	6.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.461610 °	39.461610 °
				-121.992950 °	-121.992950 °
DWR ID	DWR_LD0003_01_s_2016_84				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	6.54	Rating **	M	Issue No.	89
LM End	6.54	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.462146 °	39.462146 °
				-121.992832 °	-121.992832 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:14664 DS_ID:18834 EP_NO: 9906 Repair Type: Non-Urgent Crossing Status: Found 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 2 : UCIP_SP_2016_14664_24162.jpg



Pumphouse and 7'X12' concrete box on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type 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 2016

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	03/25/2016 03/25/2016	Keith Millard

LM Start	6.54	Rating **	M	Issue No.	89 (cont)
LM End	6.54	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.462146 °	39.462146 °
				-121.992832 °	-121.992832 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:14664 DS_ID:18834 EP_NO: 9906 Repair Type: Non-Urgent Crossing Status: Found 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 2 of 2 : UCIP_SP_2016_14664_24161.jpg



7'X12' Concrete box with flap gate and slide gate on WS slope.

LM Start	6.57	Rating **	M	Issue No.	34
LM End	6.57	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				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Repair damage to levee caused by driveway.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type 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 2016

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	03/25/2016 03/25/2016	Keith Millard

LM Start	6.59	Rating **	M	Issue No.	45
LM End	6.59	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				
Comment Code					
BU : Building					
Inspector Comment					

No Photos

LM Start	6.61	Rating **	M	Issue No.	46
LM End	6.61	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				
Comment Code					
BU : Building					
Inspector Comment					

No Photos

LM Start	6.61	Rating **	U	Issue No.	76
LM End	6.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.463185 °	39.463185 °	
			-121.992657 °	-121.992657 °	
DWR ID	DWR_LD0003_01_f_2015_76				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Repair the burned out stump hole along the landside toe.					

Photo 1 of 1 : SP_2016_LD0003_27_76_20160324_00051.jpg



View of the burned out stump hole along the landside toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type 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 2016

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	03/25/2016 03/25/2016	Keith Millard

LM Start	6.63	Rating **	M	Issue No.	12
LM End	6.63	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				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Building has burned down.					



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

LM Start	6.72	Rating **	M	Issue No.	102
LM End	6.72	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.464596 °	39.464596 °	
			-121.991850 °	-121.991850 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:15165 DS_ID:23154 EP_NO: 13972 Repair Type: Non-Urgent Crossing Status: Found 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					



Christy box on LS toe with siphon breaker and meter.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type 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 2016

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	03/25/2016 03/25/2016	Keith Millard

LM Start	6.72	Rating **	M	Issue No.	102 (cont)
LM End	6.72	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.464596 °	39.464596 °
				-121.991850 °	-121.991850 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:15165 DS_ID:23154 EP_NO: 13972 Repair Type: Non-Urgent Crossing Status: Found 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 2 of 2 : UCIP_SP_2016_15165_24905.jpg



Pipe leaking at LS toe.

LM Start	6.75	Rating **	M	Issue No.	35
LM End	6.75	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				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2016_LD0003_27_35_20160324_00019.jpg



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

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type 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 2016

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	03/25/2016 03/25/2016	Keith Millard

LM Start	6.79	Rating **	M	Issue No.	42
LM End	6.79	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				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : SP_2016_LD0003_27_42_20160324_00021.jpg



View of the building along the L/S toe.

LM Start	7.13	Rating **	M	Issue No.	90
LM End	7.13	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.470471 °	39.470471 °	
			-121.991279 °	-121.991279 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:14686 DS_ID:18836 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found 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 2 : UCIP_SP_2016_14686_24184.jpg



Pump located on LS toe next to concrete distribution box.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type 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 2016

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	03/25/2016 03/25/2016	Keith Millard

LM Start	7.13	Rating **	M	Issue No.	90 (cont)
LM End	7.13	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.470471 °	39.470471 °
				-121.991279 °	-121.991279 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:14686 DS_ID:18836 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found 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 2 of 2 : UCIP_SP_2016_14686_24183.jpg



Soil filled concrete distribution box on LS toe.

LM Start	7.21	Rating **	M	Issue No.	14
LM End	7.21	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				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2016_LD0003_27_14_20160324_00011.jpg



Vehicle erosion along the slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type 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 2016

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	03/25/2016 03/25/2016	Keith Millard

LM Start	7.36	Rating **	M	Issue No.	37
LM End	7.36	Issue Type +	En	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				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove the prunings from the landside slope.					

Photo 1 of 1 : SP_2016_LD0003_27_37_20160324_00020.jpg



View of the prunings along the landside slope.

LM Start	7.59	Rating **	M	Issue No.	61
LM End	7.59	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				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : SP_2016_LD0003_27_61_20160324_00037.jpg



View of the pruning along the landside toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type 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 2016

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	03/25/2016 03/25/2016	Keith Millard

LM Start	7.60	Rating **	M	Issue No.	91
LM End	7.60	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					
Comment Code					
Inspector Comment					
FS_ID:14687 DS_ID:18837 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found 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 2 : UCIP_SP_2016_14687_24187.jpg



Pipe visible at pond off WS toe.

LM Start	7.60	Rating **	M	Issue No.	91 (cont)
LM End	7.60	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_14687_24186.jpg



Pump visible off WS toe, next to pond.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type 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 2016

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	03/25/2016 03/25/2016	Keith Millard

LM Start	7.68	Rating **	M	Issue No.	60
LM End	7.68	Issue Type +	Ma	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				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : SP_2016_LD0003_27_60_20160324_00036.jpg



View of the prunings along the landside toe.

LM Start	9.12	Rating **	M	Issue No.	77
LM End	9.12	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.497452 °	39.497452 °	
			-121.987673 °	-121.987673 °	
DWR ID	DWR_LD0003_01_f_2015_77				
Comment Code					
EQ : Equipment					
Inspector Comment					
Remove the metal boxes from the landside toe.					

Photo 1 of 1 : SP_2016_LD0003_27_77_20160324_00052.jpg



View of the metal boxes along the landside toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type 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 2016

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	03/25/2016 03/25/2016	Keith Millard

LM Start	9.13	Rating **	M	Issue No.	92
LM End	9.13	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.497575 °	39.497575 °
				-121.987548 °	-121.987548 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:14688 DS_ID:18838 EP_NO: 1623 Repair Type: Non-Urgent Crossing Status: Found 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 2 : UCIP_SP_2016_14688_24190.jpg



Pipe at side of building on WS shoulder.

LM Start	9.13	Rating **	M	Issue No.	92 (cont)
LM End	9.13	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_14688_24189.jpg



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

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type 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 2016

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	03/25/2016 03/25/2016	Keith Millard

LM Start	9.23	Rating **	M	Issue No.	78
LM End	9.23	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.498897 °	39.498897 °	
			-121.986827 °	-121.986827 °	
DWR ID	DWR_LD0003_01_f_2015_78				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Repair rodent hole on LS shoulder.					

Photo 1 of 1 : SP_2016_LD0003_27_78_20160324_00053.jpg



View of the rodent holes along the landside slope.

LM Start	9.37	Rating **	M	Issue No.	85
LM End	9.62	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.500790 °	39.504310 °	
			-121.985930 °	-121.984580 °	
DWR ID	DWR_LD0003_01_s_2016_85				
Comment Code					
FE : Fence					
Inspector Comment					
wire mesh and T-post fence at levee toe obstructing access.					

No Photos

LM Start	9.50	Rating **	U	Issue No.	79
LM End	9.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.502698 °	39.502698 °	
			-121.985235 °	-121.985235 °	
DWR ID	DWR_LD0003_01_f_2015_79				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Repair rodent damage on LS slope.					

Photo 1 of 1 : SP_2016_LD0003_27_79_20160324_00054.jpg



View of the rodent holes along the landside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type 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 2016

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	03/25/2016 03/25/2016	Keith Millard

LM Start	9.61	Rating **	M	Issue No.	10
LM End	9.88	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			39.504388 °	39.508117 °
				-121.985301 °	-121.986562 °
DWR ID	DWR_LD0003_01_s_2016_10				
Comment Code					
Inspector Comment					
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 toe. 2015: Last observed in 2013. [2015 Site ID: SAC_172-0_L] On 3/25/2016, recent high water caused river to erode to within 10-20 feet of levee toe. Appears still somewhat active.					

Photo 1 of 3 : SP_2016_LD0003_27_10_20160324_00006.jpg



USACE 2013 Photo #1

LM Start	9.61	Rating **	M	Issue No.	10 (cont)
LM End	9.88	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : SP_2016_LD0003_27_10_20160324_00007.jpg



USACE 2013 Photo #2

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type 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 2016

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	03/25/2016 03/25/2016	Keith Millard

LM Start	9.61	Rating **	M	Issue No.	10 (cont)
LM End	9.88	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			39.504388 °	39.508117 °
				-121.985301 °	-121.986562 °
DWR ID	DWR_LD0003_01_s_2016_10				
Comment Code					
Inspector Comment					
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 toe. 2015: Last observed in 2013. [2015 Site ID: SAC_172-0_L] On 3/25/2016, recent high water caused river to erode to within 10-20 feet of levee toe. Appears still somewhat active.					

Photo 3 of 3 : SP_2016_LD0003_27_10_20160324_00008.jpg



USACE 2013 Photo #3

LM Start	9.63	Rating **	M	Issue No.	86
LM End	10.11	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.504420 °	39.511450 °
				-121.984510 °	-121.983930 °
DWR ID	DWR_LD0003_01_s_2016_86				
Comment Code					
FE : Fence					
Inspector Comment					
wire mesh and T-post fence obstructing access to LS toe.					

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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	03/25/2016 03/25/2016	Keith Millard

LM Start	9.64	Rating **	U	Issue No.	80
LM End	9.88	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.504682 °	39.508065 °	
			-121.984465 °	-121.984030 °	
DWR ID	DWR_LD0003_01_f_2015_80				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Clear vegetation from levee slopes.					

Photo 1 of 1 : SP_2016_LD0003_27_80_20160324_00055.jpg



View of the vegetation along the waterside slope and toe.

LM Start	9.67	Rating **	U	Issue No.	81
LM End	9.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.505072 °	39.507965 °	
			-121.984302 °	-121.984047 °	
DWR ID	DWR_LD0003_01_f_2015_81				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Clear vegetation from levee slopes.					

Photo 1 of 1 : SP_2016_LD0003_27_81_20160324_00056.jpg



View of the vegetation along the landside slope.

LM Start	9.70	Rating **	U	Issue No.	50
LM End	9.70	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		39.505435 °	39.505435 °	
			-121.984172 °	-121.984172 °	
DWR ID	DWR_LD0003_01_f_2014_50				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Repair the erosion along the waterside toe. On 3/25/2016, recent high water caused river to erode to within 10-20 feet of levee toe. Appears still somewhat active.					

Photo 1 of 4 : SP_2016_LD0003_27_50_20160324_00027.jpg



View of erosion along the waterside toe. Same site as the USACE erosion issue.

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type 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 2016

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	03/25/2016 03/25/2016	Keith Millard

LM Start	9.70	Rating **	U	Issue No.	50 (cont)
LM End	9.70	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.505435 °	39.505435 °
				-121.984172 °	-121.984172 °
DWR ID	DWR_LD0003_01_f_2014_50				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Repair the erosion along the waterside toe. On 3/25/2016, recent high water caused river to erode to within 10-20 feet of levee toe. Appears still somewhat active.					

Photo 2 of 4 : SP_2016_LD0003_27_50_20160411_00101.jpg



View of erosion along the waterside toe. Same site as the USACE erosion issue. Photo 3/25/2016

LM Start	9.70	Rating **	U	Issue No.	50 (cont)
LM End	9.70	Issue Type +	Ma	Location *	WS

Photo 3 of 4 : SP_2016_LD0003_27_50_20160411_00103.jpg



View of erosion along the waterside toe, downstream. Same site as the USACE erosion issue. Photo 3/25/2016

LM Start	9.70	Rating **	U	Issue No.	50 (cont)
LM End	9.70	Issue Type +	Ma	Location *	WS

Photo 4 of 4 : SP_2016_LD0003_27_50_20160324_00028.jpg



View of the erosion along the waterside toe. Same site as the USACE erosion issue.

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type 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 2016

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	03/25/2016 03/25/2016	Keith Millard

LM Start	10.11	Rating **	M	Issue No.	87
LM End	10.11	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.511450 °	39.511450 °
				-121.983930 °	-121.983930 °
DWR ID	DWR_LD0003_01_s_2016_87				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Repair water erosion rut on L/S slope.					

Photo 1 of 1 : SP_2016_LD0003_27_87_20160405_00100.jpg



Erosion ruts on l/s slope

LM Start	10.14	Rating **	M	Issue No.	5
LM End	10.24	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				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type 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 2016

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	03/25/2016 03/25/2016	Keith Millard

LM Start	10.24	Rating **	M	Issue No.	93
LM End	10.24	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.512394 °	39.512394 °
				-121.982101 °	-121.982101 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:14689 DS_ID:18840 EP_NO: 1063 Repair Type: Non-Urgent Crossing Status: Found 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	10.50	Rating **	N	Issue No.	29
LM End	10.50	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				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : SP_2016_LD0003_27_29_20160324_00017.jpg



View of the stump along the toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type 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 2016

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	03/25/2016 03/25/2016	Keith Millard

LM Start	10.67	Rating **	N	Issue No.	30
LM End	10.67	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				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : SP_2016_LD0003_27_30_20160324_00018.jpg



View of the stump along the slope.

LM Start	10.81	Rating **	N	Issue No.	82
LM End	10.81	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.519727 °	39.519727 °	
			-121.978362 °	-121.978362 °	
DWR ID	DWR_LD0003_01_f_2015_82				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Remove tree stump from WS toe.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type 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 2016

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	03/25/2016 03/25/2016	Keith Millard

LM Start	10.98	Rating **	U	Issue No.	4
LM End	11.01	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				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Trim the trees up at least 5 feet to allow visibility. Also two large stumps north of trees.					

Photo 1 of 1 : SP_2016_LD0003_27_4_20160324_00002.jpg



View of the trees along the slope.

LM Start	11.04	Rating **	M	Issue No.	6
LM End	11.04	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				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					

Photo 1 of 1 : SP_2016_LD0003_27_6_20160324_00003.jpg



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

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