

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/17/2019 09/17/2019	Makar Sokol

LM Start		Rating **	A	Issue No.	5
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals		o	o	o
			o	o	o
DWR ID	DWR_LD0001G_01_s_2013_5				
Comment Code					
Inspector Comment					
The LMA has copies of the O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	9
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment		o	o	o
			o	o	o
DWR ID	DWR_LD0001G_01_s_2019_9				
Comment Code					
Inspector Comment					
The LMA has adequate emergency supplies and equipment.					

No Photos

LM Start		Rating **	M	Issue No.	14
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training		o	o	o
			o	o	o
DWR ID	DWR_LD0001G_01_s_2013_14				
Comment Code					
Inspector Comment					
The LMA has not completed the flood fight training in the last 10 years.					

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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Unit No. 01 Sacramento River	Right	12.23	09/17/2019 09/17/2019	Makar Sokol

LM Start	0.00	Rating **	C	Issue No.	69
LM End	1.22	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.477132°	39.493654°
				-122.017596°	-122.018664°
DWR ID	DWR_LD0001G_01_s_2019_69				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

No Photos

LM Start	0.29	Rating **	M	Issue No.	49
LM End	0.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.481324°	39.481324°
				-122.017291°	-122.017291°
DWR ID	DWR_LD0001G_01_f_2019_49				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.80	Rating **	M	Issue No.	55
LM End	0.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.488113°	39.488113°
				-122.019890°	-122.019890°
DWR ID	DWR_LD0001G_01_s_2019_55				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
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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Unit No. 01 Sacramento River	Right	12.23	09/17/2019 09/17/2019	Makar Sokol

LM Start	1.01	Rating **	M	Issue No.	43
LM End	1.01	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.490963 °	39.490963 °
				-122.020510 °	-122.020510 °
DWR ID	DWR_LD0001G_01_f_2016_43				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.08	Rating **	M	Issue No.	59
LM End	1.08	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.492028 °	39.492028 °
				-122.020116 °	-122.020116 °
DWR ID	DWR_LD0001G_01_s_2019_59				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Trees 4 inches in diameter or less at chest height should be removed from the waterside slope.					

No Photos

LM Start	1.37	Rating **	C	Issue No.	63
LM End	1.37	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.495408 °	39.495408 °
				-122.016963 °	-122.016963 °
DWR ID	DWR_LD0001G_01_s_2019_63				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/17/2019 09/17/2019	Makar Sokol

LM Start	2.22	Rating **	M	Issue No.	402
LM End	2.22	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			39.501690°	39.501690°
				-122.006099°	-122.006099°
DWR ID	22944				
Comment Code					
Inspector Comment					
DS_ID:22944 FS_ID:14332 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned and should be done so properly. FIELD_STRUCT_DESC: *ABANDONED* 8-inch drainage pipe of an unknown material sleeved through a 12-inch pipe of an unknown material through the levee, 9.5 feet below the crown. Flap gate located on the waterside (WS). Pipe open on the landside (LS). [Additional Reference(s): USACE Sacramento O&M Manual 140, May 1960, (HLM 2.27)]. FS Date: 5/29/2013					

Photo 1 of 3 : UCIP_FA_2019_14332_23582.jpg



Pump at location of pipe on LS toe.

LM Start	2.22	Rating **	M	Issue No.	402 (cont)
LM End	2.22	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2019_14332_23581.jpg



Pipe next to pump at 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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/17/2019 09/17/2019	Makar Sokol

LM Start	2.22	Rating **	M	Issue No.	402 (cont)
LM End	2.22	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			39.501690°	39.501690°
				-122.006099°	-122.006099°
DWR ID	22944				
Comment Code					
Inspector Comment					
DS_ID:22944 FS_ID:14332 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned and should be done so properly. FIELD_STRUCT_DESC: *ABANDONED* 8-inch drainage pipe of an unknown material sleeved through a 12-inch pipe of an unknown material through the levee, 9.5 feet below the crown. Flap gate located on the waterside (WS). Pipe open on the landside (LS). [Additional Reference(s): USACE Sacramento O&M Manual 140, May 1960, (HLM 2.27)]. FS Date: 5/29/2013					

Photo 3 of 3 : UCIP_FA_2019_14332_23580.jpg



8-inch pipe sleeved through a 12-inch concrete pipe.

LM Start	2.90	Rating **	M	Issue No.	65
LM End	2.90	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.510924°	39.510924°
				-122.009042°	-122.009042°
DWR ID	DWR_LD0001G_01_f_2019_65				
Comment Code					
T3 : Trim and 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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/17/2019 09/17/2019	Makar Sokol

LM Start	3.04	Rating **	M	Issue No.	77
LM End	3.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.512932 °	39.512932 °
				-122.009074 °	-122.009074 °
DWR ID	DWR_LD0001G_01_s_2019_77				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA_2019_LD0001G_432_77_20190822_00025.jpg



View of the landside slope damaged by vehicle traffic. Spring 2019.

LM Start	3.08	Rating **	M	Issue No.	80
LM End	3.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.513384 °	39.513384 °
				-122.009545 °	-122.009545 °
DWR ID	DWR_LD0001G_01_s_2019_80				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	3.26	Rating **	M	Issue No.	68
LM End	3.26	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.515595 °	39.515595 °
				-122.011152 °	-122.011152 °
DWR ID	DWR_LD0001G_01_f_2019_68				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA_2019_LD0001G_432_68_20190918_00102.jpg



View of the waterside slope damaged by vehicle traffic. Fall 2019.

* 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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/17/2019 09/17/2019	Makar Sokol

LM Start	3.48	Rating **	M	Issue No.	81
LM End	3.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.518600°	39.518600°
				-122.009877°	-122.009877°
DWR ID	DWR_LD0001G_01_s_2019_81				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	3.88	Rating **	C	Issue No.	395
LM End	3.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.523845°	39.523845°
				-122.010745°	-122.010745°
DWR ID	DWR_LD0001G_01_s_2012_395				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/17/2019 09/17/2019	Makar Sokol

LM Start	3.98	Rating **	U	Issue No.	404 (cont)
LM End	3.98	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			39.524990 °	39.524990 °
				-122.009575 °	-122.009575 °
DWR ID	22904				
Comment Code					
Inspector Comment					
<p>DS_ID:22904 FS_ID:53006 EP_NO: 9572 Repair Type: Urgent Crossing Status: Found UCIP Comments: 10/9/2018 No change to the crossing status. Flap gate on WS cannot be fully closed due to a 3-inch pipe through drainage pipe crossing the levee. Water is supplied from a well on LS via 3-inch pipe to the WS for irrigation/drinking purposes. Owner will need to remove obstruction to allow proper flap gate closure. (O.Yakimov - DWR UCIP)12/21/2016 Flap gate on WS does not appear to be broken however, flap gate does not fully close due to a 3-inch aluminum pipe sleeve through larger pipe. Need to remove 3-inch pipe in order to have WS flap gate close and to be compliant with Title 23. (O. Magana - DWR UCIP)05/29/2013 Broken flap gate and Concrete headwall on LS toe possibly tilting. Also a 3-inch alluminum irrigation line through the pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 18-inch steel drainage pipe through the levee, 7.3 feet below the crown. Flap gate in 6-inch by 6-inch concrete box located on the waterside (WS) end. Concrete headwall located on the landside (LS) toe. (18-inch pipe [HLM 4.05] authorized under Automatic Board Order (ABO) issued as Permit No. 9572, 1974 - Henry and Annabel B. Smith). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 140, May 1960, (HLM 4.05)]. FS Date: 10/9/2018 3:27:06 PM</p>					

Photo 3 of 3 : UCIP_FA_2019_53006_78125.jpg



3-inch pipe obstructs flap gate from complete closing.

LM Start	5.06	Rating **	M	Issue No.	57
LM End	5.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.534593 °	39.534593 °
				-121.995950 °	-121.995950 °
DWR ID	DWR_LD0001G_01_f_2013_57				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA_2019_LD0001G_432_57_20190822_00016.jpg



View of the vehicle erosion along the slope of the levee.

<p>* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown</p>	<p>** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain</p>	<p>+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement</p>
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Unit No. 01 Sacramento River	Right	12.23	09/17/2019 09/17/2019	Makar Sokol

LM Start	5.08	Rating **	C	Issue No.	7
LM End	5.17	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.534741 °	39.536013 °
				-121.996024 °	-121.996702 °
DWR ID	DWR_LD0001G_01_f_2012_7				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	5.22	Rating **	C	Issue No.	67
LM End	5.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.536750 °	39.536750 °
				-121.997090 °	-121.997090 °
DWR ID	DWR_LD0001G_01_s_2016_67				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	5.34	Rating **	M	Issue No.	82
LM End	5.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.538363 °	39.538363 °
				-121.997805 °	-121.997805 °
DWR ID	DWR_LD0001G_01_s_2019_82				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA_2019_LD0001G_432_82_20190822_00029.jpg



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

* 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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Unit No. 01 Sacramento River	Right	12.23	09/17/2019 09/17/2019	Makar Sokol

LM Start	5.78	Rating **	M	Issue No.	84
LM End	5.78	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.544295°	39.544295°
				-122.000934°	-122.000934°
DWR ID	DWR_LD0001G_01_f_2019_84				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA_2019_LD0001G_432_84_20190918_00103.jpg



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

LM Start	5.83	Rating **	M	Issue No.	70
LM End	5.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.544894°	39.544894°
				-122.001077°	-122.001077°
DWR ID	DWR_LD0001G_01_s_2018_70				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA_2019_LD0001G_432_70_20190822_00021.jpg



View of the rodent holes along the landside slope.

LM Start	6.08	Rating **	M	Issue No.	83
LM End	6.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.548534°	39.548534°
				-122.001601°	-122.001601°
DWR ID	DWR_LD0001G_01_s_2019_83				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
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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Unit No. 01 Sacramento River	Right	12.23	09/17/2019 09/17/2019	Makar Sokol

LM Start	6.22	Rating **	M	Issue No.	47
LM End	6.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.550533°	39.550533°
				-122.002319°	-122.002319°
DWR ID	DWR_LD0001G_01_s_2014_47				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA_2019_LD0001G_432_47_20190822_00010.jpg



View of the rodent activity along the LS slope.

LM Start	6.24	Rating **	M	Issue No.	76
LM End	6.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.550725°	39.550725°
				-122.002370°	-122.002370°
DWR ID	DWR_LD0001G_01_f_2016_76				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA_2019_LD0001G_432_76_20190822_00024.jpg



View of the rodent holes along the landside slope.

LM Start	6.67	Rating **	M	Issue No.	89
LM End	6.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.556852°	39.556852°
				-122.004013°	-122.004013°
DWR ID	DWR_LD0001G_01_s_2019_89				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
The blackberry bushes should be removed from the landside slope.					

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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Unit No. 01 Sacramento River	Right	12.23	09/17/2019 09/17/2019	Makar Sokol

LM Start	8.05	Rating **	M	Issue No.	20
LM End	8.16	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.576580 °	39.578187 °
				-122.004962 °	-122.005218 °
DWR ID	DWR_LD0001G_01_s_2012_20				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Trees four inches in diameter or less at chest height should be removed from the waterside slope and toe.					

Photo 1 of 1 : FA_2019_LD0001G_432_20_20190822_00007.jpg



View of the trees and vegetation along the waterside slope of the levee.

LM Start	8.47	Rating **	M	Issue No.	410
LM End	8.47	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			39.582275 °	39.582275 °
				-122.007449 °	-122.007449 °
DWR ID	22918				
Comment Code					
Inspector Comment					
DS_ID:22918 FS_ID:53341 EP_NO: 9563 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/9/2018 Pipe is open on both ends and damaged on WS. Recommended grouting in place. Crossing downgraded to "Non-Urgent" due to pipe location above floodplain. (O.Yakimov - DWR UCIP)12/21/2016 same as last inspection crossing is opened on both ends and damaged on WS slope is visible. According to LMA representative, Nick Henning, pipe appears to be abandoned. (O. Magana - DWR UCIP)05/31/2013 Pipe open on both ends and damaged on WS slope. Pipe should be abandoned properly if appropriate. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: *ABANDONED* 12-inch steel drainage pipe through levee, 5 feet below crown. Pipe open on both waterside (WS) and landside (LS) ends. One corrugated metal cutoff wall. (12-inch pipe [HLM 8.6] authorized under Automatic Board Order (ABO) No. 9563, 1974 - County of Glenn). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual Unit 140, May 1960, (HLM 8.60)]. FS Date: 10/9/2018 3:57:00 PM					

Photo 1 of 3 : UCIP_FA_2019_53341_23668.jpg



Pipe on LS 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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/17/2019 09/17/2019	Makar Sokol

LM Start	8.47	Rating **	M	Issue No.	410 (cont)
LM End	8.47	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			39.582275°	39.582275°
				-122.007449°	-122.007449°
DWR ID	22918				
Comment Code					
Inspector Comment					
DS_ID:22918 FS_ID:53341 EP_NO: 9563 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/9/2018 Pipe is open on both ends and damaged on WS. Recommended grouting in place. Crossing downgraded to "Non-Urgent" due to pipe location above floodplain. (O.Yakimov - DWR UCIP)12/21/2016 same as last inspection crossing is opened on both ends and damaged on WS slope is visible. According to LMA representative, Nick Henning, pipe appears to be abandoned. (O. Magana - DWR UCIP)05/31/2013 Pipe open on both ends and damaged on WS slope. Pipe should be abandoned properly if appropriate. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: *ABANDONED* 12-inch steel drainage pipe through levee, 5 feet below crown. Pipe open on both waterside (WS) and landside (LS) ends. One corrugated metal cutoff wall. (12-inch pipe [HLM 8.6] authorized under Automatic Board Order (ABO) No. 9563, 1974 - County of Glenn). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual Unit 140, May 1960, (HLM 8.60)]. FS Date: 10/9/2018 3:57:00 PM					

Photo 2 of 3 : UCIP_FA_2019_53341_23667.jpg



Pipe on LS slope.

LM Start	8.47	Rating **	M	Issue No.	410 (cont)
LM End	8.47	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2019_53341_23666.jpg



Pipe 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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/17/2019 09/17/2019	Makar Sokol

LM Start	9.49	Rating **	M	Issue No.	412 (cont)
LM End	9.49	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			39.596012°	39.596012°
				-122.002638°	-122.002638°
DWR ID	22920				
Comment Code					
Inspector Comment					
DS_ID:22920 FS_ID:14389 EP_NO: 9560 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Heavy rust along springline of pipe. Pipe has slight deformation at centerline of levee, not noticable on crown. FIELD_STRUCT_DESC: 72-inch corrugated metal drainage pipe through the levee, 15 feet below the crown. Flap gate located on the waterside (WS) end. Slide gate in 8-inch corrugated metal riser unit on the WS slope. Concrete headwalls on both ends. Two corrugated metal cutoff walls. (72-inch pipe [HLM 9.64]authorized under Automatic Board Order (ABO) issued as Permit No. 9560, 1974 - John and Lena Friesen). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 140, May 1960, (HLM 9.64)]. FS Date: 5/31/2013					

Photo 2 of 3 : UCIP_FA_2019_14389_23685.jpg



Slide gate in 8-foot diameter CMP riser on WS slope.

LM Start	9.49	Rating **	M	Issue No.	412 (cont)
LM End	9.49	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2019_14389_23684.jpg



Flap gate and headwall 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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/17/2019 09/17/2019	Makar Sokol

LM Start	9.91	Rating **	A/W	Issue No.	413 (cont)
LM End	9.91	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			39.601470 °	39.601470 °
				-121.999501 °	-121.999501 °
DWR ID	22921				
Comment Code					
Inspector Comment					
DS_ID:22921 FS_ID:14390 EP_NO: 9559 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 11 feet below the crown. Flap gate located on the waterside (WS) end. Slide gate in 36-inch corrugated metal riser unit on the WS slope. Concrete headwalls on both ends. Two corrugated metal cutoff walls. (24-inch pipe [HLM 10.05] authorized under Automatic Board Order (ABO) issued as Permit No. 9559, 1974 - David and Mary Giesbrecht). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 140, May 1960, (HLM 10.05)]. FS Date: 5/31/2013					

Photo 3 of 3 : UCIP_FA_2019_14390_23688.jpg



Erosion around headwall at LS toe.

LM Start	9.93	Rating **	A/W	Issue No.	414
LM End	9.93	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			39.601659 °	39.601659 °
				-121.999209 °	-121.999209 °
DWR ID	22922				
Comment Code					
Inspector Comment					
DS_ID:22922 FS_ID:14559 EP_NO: 9558 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 11 feet below the crown. Flap gate located on the waterside (WS) end. Slide gate in 36-inch corrugated metal pipe riser unit on the WS slope. Two corrugated metal cutoff walls. Concrete headwalls on both ends. (24-inch pipe [HLM 10.08] authorized under Automatic Board Order (ABO) issued as Permit No. 9558, 1974 - Duard Geis). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 140, May 1960, (HLM 10.08)]. FS Date: 5/31/2013 8:43:01 AM					

Photo 1 of 3 : UCIP_FA_2019_14559_23986.jpg



Pipe and headwall 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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/17/2019 09/17/2019	Makar Sokol

LM Start	9.93	Rating **	A/W	Issue No.	414 (cont)
LM End	9.93	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			39.601659 °	39.601659 °
				-121.999209 °	-121.999209 °
DWR ID	22922				
Comment Code					
Inspector Comment					
DS_ID:22922 FS_ID:14559 EP_NO: 9558 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 11 feet below the crown. Flap gate located on the waterside (WS) end. Slide gate in 36-inch corrugated metal pipe riser unit on the WS slope. Two corrugated metal cutoff walls. Concrete headwalls on both ends. (24-inch pipe [HLM 10.08] authorized under Automatic Board Order (ABO) issued as Permit No. 9558, 1974 - Duard Geis. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 140, May 1960, (HLM 10.08)]. FS Date: 5/31/2013 8:43:01 AM					

Photo 2 of 3 : UCIP_FA_2019_14559_23985.jpg



Slide gate in 36-inch CMP riser on WS slope.

LM Start	9.93	Rating **	A/W	Issue No.	414 (cont)
LM End	9.93	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2019_14559_23984.jpg



Pipe, flapgate, and headwall 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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/17/2019 09/17/2019	Makar Sokol

LM Start	10.43	Rating **	U	Issue No.	418
LM End	10.43	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DRAFT DWR UCIP LMA Responsibility		39.607688°	39.607688°	
			-121.994278°	-121.994278°	
DWR ID	22924				
Comment Code					
Inspector Comment					
<p>DS_ID:22924 FS_ID:53340 EP_NO: 9556 Repair Type: Urgent Crossing Status: Found UCIP Comments: 10/9/2018 Large rock at the bottom of CMP riser obstructs slide gate from completely closing. Pipe is rusted through at WS end. Recommend internal inspection to determine condition of pipe through levee, and to clean the inside of CMP riser for proper slide gate function. (O.Yakimov - DWR UCIP)12/21/2016 same as last inspection flap gate disabled in open position. Surface erosion observed on LS slope. Recommend repair on WS flap gate to be able to close flap gate. (O. Magana - DWR UCIP)05/31/2013 Flap gate dissabled in open position. Pipe rusted through at WS toe upstream of Flapgate. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through levee, 15 feet below crown. Flap gate is located on the waterside (WS) end. Slide gate is inside a corrugated metal pipe (CMP) riser located on the WS slope. Two CM cutoff walls. Concrete headwall is located on LS and under outlet at the WS toe. (24-inch pipe [HLM 10.59] authorized under Automatic Board Order (ABO) issued as Permit No. 9556, 1974 - E. R & M. R. Cooper). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual Unit 140, May 1960, (HLM 10.59)]. FS Date: 10/9/2018 4:05:00 PM</p>					

Photo 1 of 3 : UCIP_FA_2019_53340_76411.jpg



View of WS.

LM Start	10.43	Rating **	U	Issue No.	418 (cont)
LM End	10.43	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2019_53340_78135.jpg



Water-Side

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/17/2019 09/17/2019	Makar Sokol

LM Start	10.43	Rating **	U	Issue No.	418 (cont)
LM End	10.43	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			39.607688°	39.607688°
				-121.994278°	-121.994278°
DWR ID	22924				
Comment Code					
Inspector Comment					
<p>DS_ID:22924 FS_ID:53340 EP_NO: 9556 Repair Type: Urgent Crossing Status: Found UCIP Comments: 10/9/2018 Large rock at the bottom of CMP riser obstructs slide gate from completely closing. Pipe is rusted through at WS end. Recommend internal inspection to determine condition of pipe through levee, and to clean the inside of CMP riser for proper slide gate function. (O.Yakimov - DWR UCIP)12/21/2016 same as last inspection flap gate disabled in open position. Surface erosion observed on LS slope. Recommend repair on WS flap gate to be able to close flap gate. (O. Magana - DWR UCIP)05/31/2013 Flap gate dissabled in open position. Pipe rusted through at WS toe upstream of Flapgate. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through levee, 15 feet below crown. Flap gate is located on the waterside (WS) end. Slide gate is inside a corrugated metal pipe (CMP) riser located on the WS slope. Two CM cutoff walls. Concrete headwall is located on LS and under outlet at the WS toe. (24-inch pipe [HLM 10.59] authorized under Automatic Board Order (ABO) issued as Permit No. 9556, 1974 - E. R & M. R. Cooper). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual Unit 140, May 1960, (HLM 10.59)]. FS Date: 10/9/2018 4:05:00 PM</p>					

Photo 3 of 3 : UCIP_FA_2019_53340_78136.jpg



Drainage channel on LS.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/17/2019 09/17/2019	Makar Sokol

LM Start	11.02	Rating **	A/W	Issue No.	419 (cont)
LM End	11.02	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			39.616041 °	39.616041 °
				-121.994450 °	-121.994450 °
DWR ID	22925				
Comment Code					
Inspector Comment					
DS_ID:22925 FS_ID:14565 EP_NO: 9556 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 48-inch corrugated metal drainage pipe through the levee, 11 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on both ends. Slide gate in 60-inch diameter corrugated metal riser unit on the WS slope (48-inch pipe [HLM 11.17] authorized under Automatic Board Order (ABO) issued as Permit No. 9556, 1974 - Earl R. and Merrit R. Cooper). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 140, May 1960, (HLM 11.17)]. FS Date: 5/31/2013					

Photo 3 of 3 : UCIP_FA_2019_14565_24007.jpg



Flap gate and concrete headwall on WS toe.

LM Start	11.02	Rating **	M	Issue No.	91
LM End	11.02	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.616106 °	39.616106 °
				-121.994440 °	-121.994440 °
DWR ID	DWR_LD0001G_01_f_2019_91				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/17/2019 09/17/2019	Makar Sokol

LM Start	11.10	Rating **	M	Issue No.	66
LM End	11.18	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.617252 °	39.618192 °
				-121.994605 °	-121.995609 °
DWR ID	DWR_LD0001G_01_f_2015_66				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA_2019_LD0001G_432_66_20190822_00019.jpg



View of the rodent holes along the waterside slope.

LM Start	11.46	Rating **	C	Issue No.	86
LM End	11.46	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.621438 °	39.621438 °
				-121.998556 °	-121.998556 °
DWR ID	DWR_LD0001G_01_s_2019_86				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Trees four inches in diameter or less at chest height should be removed from the waterside slope.					

No Photos

LM Start	11.51	Rating **	M	Issue No.	48
LM End	11.57	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.622083 °	39.622821 °
				-121.998858 °	-121.999244 °
DWR ID	DWR_LD0001G_01_s_2014_48				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA_2019_LD0001G_432_48_20190822_00011.jpg



View of the rodent activity along the waterside 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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/17/2019 09/17/2019	Makar Sokol

LM Start	11.64	Rating **	A/W	Issue No.	420
LM End	11.64	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DRAFT DWR UCIP LMA Responsibility		39.623874 °	39.623874 °	
			-121.999813 °	-121.999813 °	
DWR ID	22926				
Comment Code					
Inspector Comment					
DS_ID:22926 FS_ID:14566 EP_NO: 9555 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 8.5 feet below the crown. Flap gate on the waterside (WS) slope. Concrete U-shaped headwalls on both ends. Two corrugated metal cutoff walls. (24-inch pipe [HLM 11.81] authorized under Automatic Board Order (ABO) issued as Permit No. 9555, 1974 - F. S. Reager). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 140, May 1960, (HLM 11.81)]. FS Date: 5/31/2013					

Photo 1 of 3 : UCIP_FA_2019_14566_24013.jpg



Concrete headwall on LS toe.

LM Start	11.64	Rating **	A/W	Issue No.	420 (cont)
LM End	11.64	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2019_14566_24012.jpg



Slide gate in 36-inch CMP riser 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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/17/2019 09/17/2019	Makar Sokol

LM Start	11.64	Rating **	A/W	Issue No.	420 (cont)
LM End	11.64	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			39.623874 °	39.623874 °
				-121.999813 °	-121.999813 °
DWR ID	22926				
Comment Code					
Inspector Comment					
DS_ID:22926 FS_ID:14566 EP_NO: 9555 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 8.5 feet below the crown. Flap gate on the waterside (WS) slope. Concrete U-shaped headwalls on both ends. Two corrugated metal cutoff walls. (24-inch pipe [HLM 11.81] authorized under Automatic Board Order (ABO) issued as Permit No. 9555, 1974 - F. S. Reager). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 140, May 1960, (HLM 11.81)]. FS Date: 5/31/2013					

Photo 3 of 3 : UCIP_FA_2019_14566_24011.jpg



Concrete headwall and flapgate on WS toe

LM Start	11.66	Rating **	C	Issue No.	79
LM End	11.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.624112 °	39.624112 °
				-121.999933 °	-121.999933 °
DWR ID	DWR_LD0001G_01_f_2016_79				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent holes are present on the landside slope and crown.					

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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/17/2019 09/17/2019	Makar Sokol

LM Start	11.67	Rating **	M	Issue No.	42
LM End	11.79	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.624171 °	39.625823 °	
			-121.999967 °	-122.000834 °	
DWR ID	DWR_LD0001G_01_s_2012_42				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	11.76	Rating **	M	Issue No.	421
LM End	11.76	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DRAFT DWR UCIP LMA Responsibility		39.625463 °	39.625463 °	
			-122.000658 °	-122.000658 °	
DWR ID	22927				
Comment Code					
Inspector Comment					
DS_ID:22927 FS_ID:14567 EP_NO: 9554 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Erosion and sloughing on LS slope possibly due to rodent activity in area. FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 11 feet below the crown. Slide gate in 36-inch corrugated metal riser unit on the waterside (WS) slope. 48-inch concrete standpipe on the landside (LS) toe. Two corrugated metal cutoff walls. (24-inch pipe [HLM 11.93] authorized under Automatic Board Order (ABO) issued as Permit No. 9554, 1974 - Thomas H. Reed). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 140, May 1960, (HLM 11.93)]. FS Date: 5/31/2013					

Photo 1 of 3 : UCIP_FA_2019_14567_24017.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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/17/2019 09/17/2019	Makar Sokol

LM Start	11.76	Rating **	M	Issue No.	421 (cont)
LM End	11.76	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			39.625463 °	39.625463 °
				-122.000658 °	-122.000658 °
DWR ID	22927				
Comment Code					
Inspector Comment					
DS_ID:22927 FS_ID:14567 EP_NO: 9554 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Erosion and sloughing on LS slope possibly due to rodent activity in area. FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 11 feet below the crown. Slide gate in 36-inch corrugated metal riser unit on the waterside (WS) slope. 48-inch concrete standpipe on the landside (LS) toe. Two corrugated metal cutoff walls. (24-inch pipe [HLM 11.93] authorized under Automatic Board Order (ABO) issued as Permit No. 9554, 1974 - Thomas H. Reed). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 140, May 1960, (HLM 11.93)]. FS Date: 5/31/2013					

Photo 2 of 3 : UCIP_FA_2019_14567_24016.jpg



Slide gate in CMP riser on WS toe.

LM Start	11.76	Rating **	M	Issue No.	421 (cont)
LM End	11.76	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2019_14567_24015.jpg



Erosion and sloughing on LS slope possibly due to rodent activity.

* 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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/17/2019 09/17/2019	Makar Sokol

LM Start	11.78	Rating **	M	Issue No.	93
LM End	11.85	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.625729°	39.626587°	
			-122.000810°	-122.001260°	
DWR ID	DWR_LD0001G_01_f_2019_93				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
Vegetation maintenance needs to be performed on the wildlife reserve portion of the levee.					

No Photos

LM Start	11.87	Rating **	M	Issue No.	422
LM End	11.87	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DRAFT DWR UCIP LMA Responsibility		39.626918°	39.626918°	
			-122.001421°	-122.001421°	
DWR ID	22928				
Comment Code					
Inspector Comment					
DS_ID:22928 FS_ID:14569 EP_NO: 9554 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Flap gate heavily corroded. Good candidate for video inspection. Vegetation interfering with inlet. FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 7 feet below the crown. Flap gate on the waterside (WS) end. Slide gate in 36-inch corrugated metal pipe riser unit on the WS slope. Concrete headwalls on both ends. Two corrugated metal cutoff walls. (24-inch pipe [12.04] authorized under Automatic Board Order (ABO) issued as Permit No. 9554, 1974 - Thomas H. Reed). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 140, May 1960, (HLM 12.04)]. FS Date: 5/31/2013					

Photo 1 of 3 : UCIP_FA_2019_14569_24026.jpg



Slidegate in 36-inch CMP riser 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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/17/2019 09/17/2019	Makar Sokol

LM Start	11.87	Rating **	M	Issue No.	422 (cont)
LM End	11.87	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			39.626918°	39.626918°
				-122.001421°	-122.001421°
DWR ID	22928				
Comment Code					
Inspector Comment					
DS_ID:22928 FS_ID:14569 EP_NO: 9554 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Flap gate heavily corroded. Good candidate for video inspection. Vegetation interfering with inlet. FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 7 feet below the crown. Flap gate on the waterside (WS) end. Slide gate in 36-inch corrugated metal pipe riser unit on the WS slope. Concrete headwalls on both ends. Two corrugated metal cutoff walls. (24-inch pipe [12.04] authorized under Automatic Board Order (ABO) issued as Permit No. 9554, 1974 - Thomas H. Reed). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 140, May 1960, (HLM 12.04)]. FS Date: 5/31/2013					

Photo 2 of 3 : UCIP_FA_2019_14569_24025.jpg



Drainage channel on LS toe.

LM Start	11.87	Rating **	M	Issue No.	422 (cont)
LM End	11.87	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2019_14569_24024.jpg



Headwall and flapgate 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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/17/2019 09/17/2019	Makar Sokol

LM Start	11.88	Rating **	M	Issue No.	95
LM End	11.97	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.627077°	39.628243°
				-122.001510°	-122.002090°
DWR ID	DWR_LD0001G_01_f_2019_95				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

No Photos

LM Start	11.91	Rating **	M	Issue No.	44
LM End	11.97	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.627423°	39.628278°
				-122.001562°	-122.001818°
DWR ID	DWR_LD0001G_01_s_2012_44				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/17/2019 09/17/2019	Makar Sokol

LM Start	12.13	Rating **	A/W	Issue No.	423
LM End	12.13	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			39.630451°	39.630451°
				-122.002737°	-122.002737°
DWR ID	22929				
Comment Code					
Inspector Comment					
DS_ID:22929 FS_ID:14570 EP_NO: 9554 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 7 feet below the crown. Flap gate on the waterside (WS) end. Slide gate in 36-inch corrugated metal riser unit on the WS slope. Concrete U-shaped headwalls on both ends. (24-inch pipe [HLM 12.29] authorized under Automatic Board Order (ABO) issued as Permit No. 9554, 1974 - Thomas H. Reed). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 140, May 1960, (HLM 12.29)]. FS Date: 5/31/2013					

Photo 1 of 3 : UCIP_FA_2019_14570_24029.jpg



Flapgate and U-shaped concrete headwall on WS toe.

LM Start	12.13	Rating **	A/W	Issue No.	423 (cont)
LM End	12.13	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2019_14570_24028.jpg



Slidegate in 36-inch CMP riser 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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/17/2019 09/17/2019	Makar Sokol

LM Start	12.13	Rating **	A/W	Issue No.	423 (cont)
LM End	12.13	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			39.630451 °	39.630451 °
				-122.002737 °	-122.002737 °
DWR ID	22929				
Comment Code					
Inspector Comment					
DS_ID:22929 FS_ID:14570 EP_NO: 9554 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 7 feet below the crown. Flap gate on the waterside (WS) end. Slide gate in 36-inch corrugated metal riser unit on the WS slope. Concrete U-shaped headwalls on both ends. (24-inch pipe [HLM 12.29] authorized under Automatic Board Order (ABO) issued as Permit No. 9554, 1974 - Thomas H. Reed). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 140, May 1960, (HLM 12.29)]. FS Date: 5/31/2013					

Photo 3 of 3 : UCIP_FA_2019_14570_24027.jpg



U-shaped concrete headwall on LS toe.

LM Start	12.14	Rating **	M	Issue No.	94
LM End	12.23	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.630727 °	39.631911 °
				-122.002788 °	-122.002925 °
DWR ID	DWR_LD0001G_01_f_2019_94				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
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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