

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	16.76	04/05/2022 04/05/2022	Makar Sokol

LM Start		Rating **	A	Issue No.	19
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_MA0001_01_s_2016_19				
Comment Code					
Inspector Comment					
The LMA has emergency supplies and equipment.					

No Photos

LM Start		Rating **	A	Issue No.	28
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_MA0001_01_s_2013_28				
Comment Code					
Inspector Comment					
The LMA has O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	29
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_MA0001_01_s_2013_29				
Comment Code					
Inspector Comment					
The LMA completed flood fight training in 2019.					

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	16.76	04/05/2022 04/05/2022	Makar Sokol

LM Start	0.01	Rating **	N	Issue No.	92
LM End	0.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.214000 °	39.214000 °
				-122.001077 °	-122.001077 °
DWR ID	DWR_MA0001_01_f_2016_92				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	0.07	Rating **	C	Issue No.	105
LM End	0.07	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.214156 °	39.214156 °
				-122.002134 °	-122.002134 °
DWR ID	DWR_MA0001_01_f_2021_105				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

LM Start	0.25	Rating **	N	Issue No.	97
LM End	0.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.215343 °	39.215343 °
				-122.005100 °	-122.005100 °
DWR ID	DWR_MA0001_01_f_2016_97				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable 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	16.76	04/05/2022 04/05/2022	Makar Sokol

LM Start	0.38	Rating **	M	Issue No.	98
LM End	0.38	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			39.215878 °	39.215878 °
				-122.007278 °	-122.007278 °
DWR ID	DWR_MA0001_01_f _ 2020_98				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2022_MA0001_297_98_20220307_00026.jpg



View of the slope instability along the waterside slope. Fall 2020.

LM Start	0.53	Rating **	N	Issue No.	101
LM End	0.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.215808 °	39.215808 °
				-122.009995 °	-122.009995 °
DWR ID	DWR_MA0001_01_f_2017_101				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	0.68	Rating **	N	Issue No.	76
LM End	0.68	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.216562 °	39.216562 °
				-122.012563 °	-122.012563 °
DWR ID	DWR_MA0001_01_s_2019_76				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable 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	16.76	04/05/2022 04/05/2022	Makar Sokol

LM Start	0.87	Rating **	C	Issue No.	79
LM End	0.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.217717 °	39.217717 °
				-122.015717 °	-122.015717 °
DWR ID	DWR_MA0001_01_s_2019_79				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

LM Start	1.21	Rating **	M	Issue No.	83
LM End	16.55	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.222175 °	39.410651 °
				-122.015752 °	-122.009720 °
DWR ID	DWR_MA0001_01_s_2022_83				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2022_MA0001_297_83_20220417_00192.jpg



View of the vegetation along the waterside slope. Spring 2022.

LM Start	1.40	Rating **	M	Issue No.	84
LM End	2.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.224950 °	39.233074 °
				-122.015888 °	-122.014812 °
DWR ID	DWR_MA0001_01_s_2022_84				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
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	16.76	04/05/2022 04/05/2022	Makar Sokol

LM Start	1.92	Rating **	U	Issue No.	13
LM End	1.92	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.231866 °	39.231866 °	
			-122.015442 °	-122.015442 °	
DWR ID	16430				

Comment Code

Inspector Comment

FS_ID:62869
DS_ID:16430
EP_NO: 9487
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 02/23/2021 Record updated from Non-Urgent to Urgent. DMP internal video inspection has found pipe integrity issues. LOF of crossing is between 5 and 6. Crossing will be monitored until funding becomes available to address the issues. No permit has been identified authorizing pipe. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP)
05/03/2017 WS end still partially plugged. (A. Freitag - DWR Sutter Yard)
10/24/2016 WS end is till partially plugged. (A. Freitag - DWR Sutter Yard)04/25/2016 WS pipe end is still plugged with soil. Rest of the pipe appeared to be in good condition. (A. Freitag - DWR Sutter Yard)04/20/2015 WS pipe end is plugged about 50% by soil. (A. Freitag - DWR Sutter Yard)06/18/2014 Same as last inspection. (A. Freitag - DWR Sutter Yard)12/17/2013 Same as last inspection. (A. Freitag - DWR Sutter Yard)07/18/2013 WS pipe end has been reformed but is still clogged about 50% by sediment.10/18/2012 Remove dirt and debris in riser. Outlet deformed and blocked over 50%. Debris-round concrete section on landward side. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0116 for crossing outlet deformed and clogged with dirt. (O. Magana - DWR UCIP)
FIELD_STRUCT_DESC: 1 of 2: 36-inch corrugated metal drainage pipe through the levee, approximately 12-15 feet below the crown. Slide gates in corrugated metal pipe (CMP) riser located on the waterside (WS) slope. Pipe daylights on the landside (LS). (36-inch pipe [HLM 1.97] authorized under Automatic Board Order (ABO) issued as Permit No. 9487, 1974 - Jimeno Rancho). [Additional Reference(s): DWR Levee Log, 1992 (HLM 1.97).USACE Sacramento O&M Manual, Unit 137, August 1955, Revised 29 December 2016, (STA 103+18), listed as 36-inch pipe].
FS Date: 2/23/2021 9:20:38 AM

Photo 1 of 3 : UCIP_SP_2022_62869_91150.jpg



Top of Levee: View of levee crown looking upstream

* 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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Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	16.76	04/05/2022 04/05/2022	Makar Sokol

LM Start	1.92	Rating **	U	Issue No.	13 (cont)
LM End	1.92	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.231866 °	39.231866 °
				-122.015442 °	-122.015442 °
DWR ID	16430				

Photo 2 of 3 : UCIP_SP_2022_62869_91151.jpg



Water-Side: View of levee slope looking from crown

LM Start	1.92	Rating **	U	Issue No.	13 (cont)
LM End	1.92	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_62869_91152.jpg



Land-Side: View of levee slope looking from crown

* 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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Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	16.76	04/05/2022 04/05/2022	Makar Sokol

LM Start	1.92	Rating **	U	Issue No.	15
LM End	1.92	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.231880 °	39.231880 °
				-122.015432 °	-122.015432 °
DWR ID	17565				

Comment Code

Inspector Comment

FS_ID:62871
DS_ID:17565
EP_NO: 9487
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 02/23/2021 Record updated from Non-Urgent to Urgent. DMP internal video inspection has found pipe integrity issues. LOF of crossing is between 5 and 6. Crossing will be monitored until funding becomes available to address the issues. No permit has been identified authorizing pipe. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP)
05/03/2017 Ws end still partially plugged. (A. Freitag - DWR Sutter Yard)10/24/2016 Ws pipe end still plugged. (A. Freitag - DWR Sutter Yard)04/25/2016 WS pipe end still plugged with soil. rest of pipe appears in good condition. (A. Freitag - DWR Sutter Yard)04/20/2015 WS pipe end plugged about 50% by soil. (A. Freitag - DWR Sutter Yard)06/18/2014 Same as last inspection. (A. Freitag - DWR Sutter Yard)12/17/2013 Same as last inspection. (A. Freitag - DWR Sutter Yard)07/18/2013 WS pipe end has been reformed but is still partially blocked with dirt and debris.10/18/2012 WS-remove dirt and debris in riser. Outlet deformed and blocked over 50%. Burrow activity near outlet on waterward slope. Debris around concrete section on landward side. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0116 for crossing outlet deformed and clogged with dirt. (O. Magana - DWR UCIP)
FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal drainage pipe through the levee, approximately 12-15 feet below the crown. Slide gates in corrugated metal pipe (CMP) riser on the waterside (WS) slope. Pipe daylights on the landside (LS). (36-inch pipe [HLM 1.97] authorized under Automatic Board Order (ABO) issued as Permit No. 9487, 1974 - Jimeno Rancho) [Additional Reference(s): DWR Levee Log, 1992 (HLM 1.97).USACE Sacramento O&M Manual, Unit 137, August 1955, Revised 29 December 2016, (STA 103+18), listed as 36-inch pipe].
FS Date: 2/23/2021 9:23:26 AM

Photo 1 of 3 : UCIP_SP_2022_62871_91162.jpg



Top of Levee: View of levee crown looking upstream

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	16.76	04/05/2022 04/05/2022	Makar Sokol

LM Start	1.92	Rating **	U	Issue No.	15 (cont)
LM End	1.92	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.231880 °	39.231880 °	
			-122.015432 °	-122.015432 °	
DWR ID	17565				

Photo 2 of 3 : UCIP_SP_2022_62871_91163.jpg



Water-Side: View of levee slope looking from crown. CMP riser on levee slope

LM Start	1.92	Rating **	U	Issue No.	15 (cont)
LM End	1.92	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_62871_91164.jpg



Land-Side: View of levee slope looking from crown

* 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 - Spring 2022

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	16.76	04/05/2022 04/05/2022	Makar Sokol

LM Start	2.23	Rating **	U	Issue No.	16
LM End	2.23	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.235993 °	39.235993 °
				-122.012970 °	-122.012970 °
DWR ID	16429				

Comment Code

Inspector Comment

FS_ID:62872
DS_ID:16429
EP_NO: 9472
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 02/23/2021 Record updated from Non-Urgent to Urgent. DMP internal video inspection has found pipe integrity issues. LOF of crossing is between 5 and 6. Crossing will be monitored until funding becomes available to address the issues. No permit has been identified authorizing pipe. Need to have CVFPB review ABO and determine current owner. Crossing appears abandoned. Soil blocks more than 80% of pipe end at landside toe. (O.Yakimov - DWR UCIP) 05/03/2017 LS inlet partially plugged with soil. Some debris still present inside riser. (A. Freitag - DWR Sutter Yard)10/24/2016 Debris still inside of riser. (A. Freitag - DWR Sutter Yard)04/25/2016 Pipe still inside of riser and LS end plugged about 50% by soil. (A. Freitag - DWR Sutter Yard)04/20/2015 Same as last inspection. (A. Freitag - DWR Sutter Yard)06/18/2014 Same as last inspection. (A. Freitag - DWR Sutter Yard)12/17/2013 Same as last inspection. (A. Freitag - DWR Sutter Yard)07/18/2013 Same as last inspection. (A. Freitag - DWR Sutter Yard)10/18/2012 Remove debris from riser. Landward inlet is blocked by over 50%. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0128 for sediment build up at inlet (landward side) and debris inside riser. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 54-inch corrugated metal drainage pipe through the levee, approximately 12-15 feet below the crown. Slide gate in corrugated metal pipe (CMP) riser on the waterside (WS) slope. Pipe daylights at landside toe. This pipe crosses the levee at angle. (54-inch pipe [HLM 2.29] authorized under Automatic Board Order (ABO) issued as Permit No. 9472, 1974 - Ballard). [Additional Reference(s): DWR Levee Log, 1992 (HLM 2.29). USACE Sacramento O&M Manual, Unit 137, August 1955, Revised 29 December 2016, (STA 120+00), listed as 54-inch pipe].
FS Date: 2/23/2021 9:25:10 AM

Photo 1 of 3 : UCIP_SP_2022_62872_91171.jpg



Top of Levee: View of levee crown looking upstream

* 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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Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	16.76	04/05/2022 04/05/2022	Makar Sokol

LM Start	2.23	Rating **	U	Issue No.	16 (cont)
LM End	2.23	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.235993 °	39.235993 °
				-122.012970 °	-122.012970 °
DWR ID	16429				

Photo 2 of 3 : UCIP_SP_2022_62872_91172.jpg



Land-Side: View of levee crown looking from crown

LM Start	2.23	Rating **	U	Issue No.	16 (cont)
LM End	2.23	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_62872_91174.jpg



Water-Side: View of levee slope looking from crown. CMP riser on levee 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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	16.76	04/05/2022 04/05/2022	Makar Sokol

LM Start	2.25	Rating **	M	Issue No.	17
LM End	2.25	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.236178 °	39.236178 °
				-122.012812 °	-122.012812 °
DWR ID	16428				

Comment Code

Inspector Comment

FS_ID:62873
DS_ID:16428
EP_NO: 9467
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 02/23/2021 Record remains Non-Urgent. Geophysical study indicates possible presence of pipe through levee. Owner needs to coordinate with the CVFPB to remove or abandon crossing according to Title 23 requirements. Crossing appears abandoned. Pipe ends on both slopes are buried in soil. No permit has been identified authorizing pipe. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP)
05/03/2017 Abandoned- needs to be done so properly. (A. Freitag - DWR Sutter Yard)10/24/2016 Abandoned. (A. Freitag - DWR Sutter Yard)04/25/2016 Abandoned crossing. Unable to locate any WS and LS pipe ends. (A. Freitag - DWR Sutter Yard)04/20/2015 Same as last inspection. (A. Freitag - DWR Sutter Yard)06/18/2014 Same as last inspection. (A. Freitag - DWR Sutter Yard)12/17/2013 Same as last inspection. (A. Freitag - DWR Sutter Yard)07/18/2013 Same as last inspection. (A. Freitag - DWR Sutter Yard)10/18/2012 Only riser visible. Debris and sediment blocking gate. Gate inside riser is buried and non-functional. If crossing is abandoned, owner needs to properly abandon. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0132 no culvert through the levee is visible here. (O. Magana - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, approximately 12-15 feet below the crown. Slide gate in CM pipe riser on the waterside (WS) slope. No signs of inlet visible on the landside (LS). (24-inch pipe [HLM 2.31] authorized under Automatic Board Order (ABO) issued as Permit No. 9467, 1974 - Lovell E. Spurgeon). [Additional Reference(s): DWR Levee Log, 1992 (HLM 2.31). USACE Sacramento O&M Manual, Unit 137, August 1955, Revised 29 December 2016, (STA 120+60), listed as 24-inch pipe].
FS Date: 2/23/2021 9:30:51 AM

Photo 1 of 3 : UCIP_SP_2022_62873_91178.jpg



Top of Levee: View of levee crown looking upstream

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

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	16.76	04/05/2022 04/05/2022	Makar Sokol

LM Start	2.25	Rating **	M	Issue No.	17 (cont)
LM End	2.25	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.236178 °	39.236178 °
				-122.012812 °	-122.012812 °
DWR ID	16428				

Photo 2 of 3 : UCIP_SP_2022_62873_91177.jpg



Land-Side: View of levee slope looking from crown

LM Start	2.25	Rating **	M	Issue No.	17 (cont)
LM End	2.25	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_62873_91176.jpg



Water-Side: View of levee slope looking from crown. CMP riser on levee slope

LM Start	2.35	Rating **	M	Issue No.	85
LM End	2.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.237437 °	39.239572 °
				-122.011981 °	-122.010559 °
DWR ID	DWR_MA0001_01_s_2022_85				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
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 - Spring 2022

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	16.76	04/05/2022 04/05/2022	Makar Sokol

LM Start	2.60	Rating **	M	Issue No.	87
LM End	3.70	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.240503 °	39.255990 °	
			-122.009499 °	-122.009787 °	
DWR ID	DWR_MA0001_01_s _ 2022_87				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
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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Sutter Maintenance Yard Maintenance Area 0001

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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	16.76	04/05/2022 04/05/2022	Makar Sokol

LM Start	3.33	Rating **	M	Issue No.	24 (cont)
LM End	3.33	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.250843 °	39.250843 °
				-122.007992 °	-122.007992 °
DWR ID	16426				

Photo 2 of 3 : UCIP_SP_2022_62896_91331.jpg



Water-Side: CMP riser on levee slope

LM Start	3.33	Rating **	M	Issue No.	24 (cont)
LM End	3.33	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_62896_91332.jpg



Land-Side: View of levee slope looking from crown

LM Start	3.88	Rating **	M	Issue No.	50
LM End	3.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.257125 °	39.257125 °
				-122.012648 °	-122.012648 °
DWR ID	DWR_MA0001_01_f_2013_50				
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 - Spring 2022

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	16.76	04/05/2022 04/05/2022	Makar Sokol

LM Start	3.94	Rating **	C	Issue No.	65
LM End	3.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Vehicle Traffic		39.257893 °	39.257893 °	
			-122.013201 °	-122.013201 °	
DWR ID	DWR_MA0001_01_s_2021_65				
Comment Code					
E6 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	4.09	Rating **	M	Issue No.	93
LM End	4.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.260107 °	39.266174 °	
			-122.012797 °	-122.010336 °	
DWR ID	DWR_MA0001_01_s_2022_93				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	4.81	Rating **	M	Issue No.	94
LM End	7.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.266025 °	39.294028 °	
			-122.013364 °	-122.021448 °	
DWR ID	DWR_MA0001_01_s_2022_94				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
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 - Spring 2022

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	16.76	04/05/2022 04/05/2022	Makar Sokol

LM Start	6.24	Rating **	U	Issue No.	39
LM End	6.24	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.279462 °	39.279462 °	
			-122.022461 °	-122.022461 °	
DWR ID	16446				

Comment Code

Inspector Comment

FS_ID:62913
DS_ID:16446
EP_NO: N/A
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 02/23/2021 Record remains Urgent. 4-inch PVC sleeved through 36-inch steel pipe through levee. Screw gate can't be closed due to the PVC pipe. No permit has been identified authorizing pipe. (O.Yakimov - DWR UCIP)
10/01/2018 PVC pipe underneath the slide gate that is located inside CMP riser on WS shoulder was restored and blocks gate from closing. Sediment built up at the bottom of CMP riser. PVC pipe needs to be removed in order to properly close slide gate. (O.Yakimov - DWR UCIP)05/03/2017 Pipe leaked during the Jan/Feb 2017 high water event. Sand bags were placed at both the LS and WS outlets as well as down inside the standpipe to slow the water flow. The 5inch pvc was cut away but the slide gate could still not close fully. Suspect sediment build up was in the bottom of the stand pipe was blocking the gate. Inside of pipe should be cleaned out. (A. Freitag - DWR Sutter Yard)10/24/2016 Pvc was back running through the crossing and blocking the screwgate. photo attached. (A. Freitag - DWR Sutter Yard)09/28/2016 Crossing has been downgraded from Urgent to Non-Urgent 5-inch PVC pipe was cut to allow the slide gate to close. Need to contact owner to remove unauthorized pipe to comply with Title 23. (O. Magana - DWR UCIP)04/25/2016 5 inch pvc pipe running through crossing has been cut out to allow the slide gate to close. (A. Freitag - DWR Sutter Yard)04/20/2015 5inch pvc is still present blocking slide gate from closing. WS end of pipe has been exposed so there is no way to stop water from flowing through pipe during highwater times. (A. Freitag - DWR Sutter Yard)06/23/2014 Same as last inspection. There is no way to stop water from flowing through pipe during high water times. (A. Freitag - DWR Sutter Yard)12/17/2013 Same as last inspection. (A. Freitag - DWR Sutter Yard)07/18/2013 Same as last inspection. (A. Freitag - DWR Sutter Yard)10/19/2012 Unauthorized 5 inch PVC pipe running through 36 inch crossing. 5 inch PVC crossing prevents slide gate from closing during high water. Debris and sediment inside riser. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0258 for 5 inch PVC pipe running through culvert. (O. Magana - DWR UCIP)
FIELD_STRUCT_DESC: 36-inch steel (not corrugated metal, as referenced in O&M manual) drainage pipe through the levee, approximately 14-16 feet below levee crown. Slide gate in corrugated metal pipe (CMP) riser on the waterside (WS) slope. Pipe also visible on the landside (LS). [Additional Reference(s): DWR Levee Log, 1992 (HLM 6.38). USACE Sacramento O&M Manual, Unit 137, August 1955, Revised 29 December 2016, (STA 331+31), listed as 36-inch pipe].
FS Date: 2/23/2021 3:47:40 PM

Photo 1 of 3 : UCIP_SP_2022_62913_91460.jpg



Top of Levee: View of levee crown looking upstream

* 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 - Spring 2022

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	16.76	04/05/2022 04/05/2022	Makar Sokol

LM Start	6.24	Rating **	U	Issue No.	39 (cont)
LM End	6.24	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.279462 °	39.279462 °
				-122.022461 °	-122.022461 °
DWR ID	16446				

Photo 2 of 3 : UCIP_SP_2022_62913_91461.jpg



Land-Side: View of levee slope looking from crown

LM Start	6.24	Rating **	U	Issue No.	39 (cont)
LM End	6.24	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_62913_91462.jpg



Water-Side: View of levee slope looking from crown

* 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 - Spring 2022

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	16.76	04/05/2022 04/05/2022	Makar Sokol

LM Start	6.40	Rating **	M	Issue No.	40
LM End	6.40	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.281721 °	39.281721 °
				-122.021894 °	-122.021894 °
DWR ID	16425				

Comment Code

Inspector Comment

FS_ID:62914
DS_ID:16425
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 02/23/2021 Record remains Non-Urgent. Crossing appears abandoned. Headwall and pipe on waterside not found. Slide gate removed from concrete riser on landside shoulder. Riser is covered with steel plate bolted to concrete. Soil inside pipe crossing blocking more than 50% of cross section. No permit has been identified authorizing pipe. (O.Yakimov - DWR UCIP)
05/03/2017 Abandoned- needs to be done properly. (A. Freitag - DWR Sutter Yard)10/24/2016 Abandoned. (A. Freitag - DWR Sutter Yard)04/25/2016 Abandoned crossing. (A. Freitag - DWR Sutter Yard)04/20/2015 Same as last inspection. (A. Freitag - DWR Sutter Yard)06/23/2014 Same as last inspection. (A. Freitag - DWR Sutter Yard)12/17/2013 Same as last inspection. (A. Freitag - DWR Sutter Yard)07/18/2013 Same as last inspection. (A. Freitag - DWR Sutter Yard)10/19/2012 Need to be properly abandoned concrete structure; plate covers concrete box; Concrete headwall damaged. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0262 for damage to concrete structure (vertical 2 inch wide cracks and spalling visible). (O. Magana - DWR UCIP)
FIELD_STRUCT_DESC: 72-inch corrugated metal (precast concrete) drainage pipe through the levee at an unknown depth below the crown. Structure is blocked on the waterside (WS) end with 3-foot concrete plug installed in 1980. Sliding metal gate (referenced in O&M manual) in concrete well on the landside (LS) shoulder. Concrete headwall at both toes. WS headwall not found. [Additional Reference(s): DWR Levee Log, 1992 (HLM 6.55), listed as abandoned 72-inch drain pipe. USACE Sacramento O&M Manual, Unit 137, August 1955, Revised 29 December 2016, (STA 339+74), listed as 72-inch pipe].
FS Date: 2/23/2021 3:49:23 PM

Photo 1 of 3 : UCIP_SP_2022_62914_70181.jpg



View of WS no structure features visible.

* 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 - Spring 2022

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	16.76	04/05/2022 04/05/2022	Makar Sokol

LM Start	6.40	Rating **	M	Issue No.	40 (cont)
LM End	6.40	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.281721 °	39.281721 °
				-122.021894 °	-122.021894 °
DWR ID	16425				

Photo 2 of 3 : UCIP_SP_2022_62914_70180.jpg



Overview of levee crown looking downstream at crossing.

LM Start	6.40	Rating **	M	Issue No.	40 (cont)
LM End	6.40	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_62914_70179.jpg



View of structure located in LS.

LM Start	6.98	Rating **	M	Issue No.	77
LM End	6.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Vehicle Traffic			39.289935 °	39.289935 °
				-122.021462 °	-122.021462 °
DWR ID	DWR_MA0001_01_f_2020_77				
Comment Code					
E6 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Repair erosion caused by vehicle on the slope.					

Photo 1 of 1 : SP_2022_MA0001_297_77_20220307_00019.jpg



View of the vehicle erosion along the landside slope. Fall 2020.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	16.76	04/05/2022 04/05/2022	Makar Sokol

LM Start	7.63	Rating **	M	Issue No.	95
LM End	16.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.297281 °	39.408888 °
				-122.023901 °	-122.009377 °
DWR ID	DWR_MA0001_01_s_2022_95				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	10.13	Rating **	A/W	Issue No.	18
LM End	10.13	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.328697 °	39.328697 °
				-122.029262 °	-122.029262 °
DWR ID	DWR_MA0001_01_s_2012_18				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

Photo 1 of 1 : SP_2022_MA0001_297_18_20220307_00009.jpg



View of the erosion along the waterside 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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	16.76	04/05/2022 04/05/2022	Makar Sokol

LM Start	10.32	Rating **	A/W	Issue No.	6
LM End	10.41	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2018 USACE Erosion Survey			39.331447 °	39.332716 °
				-122.029440 °	-122.029953 °
DWR ID	DWR_MA0001_01_s_2022_6				
Comment Code					
Inspector Comment					
2018 Site ID: SAC 157.7 R					
Status: Eroding					
2018 Field Notes: Bank is heavily vegetated.					
Site History: 2004 - Slowly eroding but near vertical with no vegetation to hold it. 2005 - Erosion is close to levee toe but not into the levee section yet. 2010 - Some new toe scour. 2017 - Vertical face of clayey sand bank, new tree popout. Bank continues to erode.					

LM Start	10.32	Rating **	A/W	Issue No.	6 (cont)
LM End	10.41	Issue Type +	Ma	Location *	WS

Photo 1 of 2 : SP_2022_MA0001_297_6_20220307_00003.jpg



USACE 2018 Erosion Photo #1

Photo 2 of 2 : SP_2022_MA0001_297_6_20220307_00004.jpg



USACE 2018 Erosion 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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	16.76	04/05/2022 04/05/2022	Makar Sokol

LM Start	15.86	Rating **	N	Issue No.	131
LM End	15.86	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.400875 °	39.400875 °
				-122.009680 °	-122.009680 °
DWR ID	DWR_MA0001_01_f _ 2016_131				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
About 7 stumps are present on the landside slope and toe.					

No Photos

LM Start	16.35	Rating **	A/W	Issue No.	9
LM End	16.58	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2018 USACE Erosion Survey			39.407837 °	39.411111 °
				-122.008763 °	-122.009238 °
DWR ID	DWR_MA0001_01_s_2022_9				
Comment Code					
Inspector Comment					
2018 Site ID: SAC 164.3 R					
Status: Eroding					
2018 Field Notes: Minor new erosion throughout site.					
Site History: Erosion site added in 1997 and removed in 2005. 2009 -					
Site added back in, hard toe with slow moving erosion. Potential					
geotechnical failure. 2011 - Site extended downstream. 2017 - New					
erosion along entire site.					

Photo 1 of 2 : SP_2022_MA0001_297_9_20220307_00006.jpg



USACE 2018 Erosion Photo #1

* 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 - Spring 2022

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	16.76	04/05/2022 04/05/2022	Makar Sokol

LM Start	16.35	Rating **	A/W	Issue No.	9 (cont)
LM End	16.58	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2018 USACE Erosion Survey			39.407837 °	39.411111 °
				-122.008763 °	-122.009238 °
DWR ID	DWR_MA0001_01_s _ 2022_9				

Photo 2 of 2 : SP_2022_MA0001_297_9_20220307_00007.jpg



USACE 2018 Erosion 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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