

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2024

Sutter Maintenance Yard Maintenance Area 0017

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lake County Sutter Maintenance Yard - Middle Creek	Left	3.87	09/16/2024 09/16/2024	Marvin Marshall

LM Start		Rating **	A	Issue No.	7
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals				
DWR ID	DWR_MA0017_01_s_2013_7				
Comment Code					
OM : O&M Manuals					
Inspector Comment					
The Sutter Yard has the O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	8
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment				
DWR ID	DWR_MA0017_01_s_2013_8				
Comment Code					
ES : Emergency Supplies & Equipment					
Inspector Comment					
The Sutter Yard has adequate flood fight supplies and equipment.					

No Photos

LM Start		Rating **	A	Issue No.	9
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training				
DWR ID	DWR_MA0017_01_s_2013_9				
Comment Code					
FP : Flood Preparedness & Training					
Inspector Comment					
The Sutter Yard completed annual flood fight training.					

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 2024****Sutter Maintenance Yard Maintenance Area 0017**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lake County Sutter Maintenance Yard - Middle Creek	Left	3.87	09/16/2024 09/16/2024	Marvin Marshall

LM Start	3.95	Rating **	A	Issue No.	36	
LM End	3.95	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.143792°	39.143792°	
				-122.904798°	-122.904798°	
DWR ID	844					
Comment Code						
Inspector Comment						
DS_ID:844 FS_ID:81940 EP_NO: 11463 Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 10/23/2023 Record updated from Non-Urgent to No Action Needed. No issues observed during inspection. (J. Taylor - DWR UCIP)10/09/2019 The levee is maintained by DWR Sutter Yard. The State is currently working on purchasing adjacent land to eventually pursue the de-activation of this levee. Levee crown width through this section is about 12 feet. The UCIP inspection was completed with DWR Inspector, L. Dial, and DWR Sutter Yard Supervisor, B. Reniff. Crossing has been updated from No Action Needed to Non-Urgent; owner has changed [State owns structure]. (O. Magana - DWR UCIP)10/19/2016 Crossing appears to be in good condition. (A. Freitag - DWR Sutter Yard)06/14/2016 crossing appears to be in good condition. (A. Freitag - DWR Sutter Yard)04/23/2015 No issues with pipe. (A. Freitag - DWR Sutter Yard)07/03/2014 Same as last inspection. (A. Freitag - DWR Sutter Yard)12/23/2013 Same as last inspection. (A. Freitag - DWR Sutter Yard)08/02/2013 New flap gate installed. No other issues with pipe. (A. Freitag - DWR Sutter Yard)12/13/2012 Flap gate broken in half and inoperable. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 12.4 feet below the crown. Flap gate on the waterside (WS) end. Timber walkway on the landside (LS) slope to a timber walkway to pump house mounted on piles in drainage ditch. (24-inch pipe [HLM 3.99] authorized under Automatic Board Order (ABO) issued as Permit No. 11463, 1975 - Audrey Jones). [Additional Reference(s): DWR Levee Log, 2005 (HLM 3.99). USACE Sacramento O&M Manual, Unit 506 Part 2 (SAC506.2), August 1961, Revised 25 May 2011, (HLM 3.99), listed as 24-inch CMP]. FS Date: 10/23/2023 7:21:52 AM						

Photo 1 of 3 : UCIP_FA_2024_81940_117610.jpg



Overview of levee crown looking D/S towards pipe crossing.

* 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 - Fall 2024****Sutter Maintenance Yard Maintenance Area 0017**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lake County Sutter Maintenance Yard - Middle Creek	Left	3.87	09/16/2024 09/16/2024	Marvin Marshall

LM Start	3.95	Rating **	A	Issue No.	36 (cont)
LM End	3.95	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
Item	DWR UCIP LMA Responsibility		Start	End	
			39.143792°	39.143792°	
DWR ID	844		-122.904798°	-122.904798°	

Photo 2 of 3 : UCIP_FA_2024_81940_117605.jpg



WS view: Overview of WS.

LM Start	3.95	Rating **	A	Issue No.	36 (cont)
LM End	3.95	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2024_81940_117608.jpg



LS view: Overview of landside.

LM Start	4.12	Rating **	M	Issue No.	30
LM End	4.12	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			39.142468°	39.142468°
				-122.902557°	-122.902557°
DWR ID	DWR_MA0017_01_f_2023_30				
Comment Code					
CR1 : Monitor and have inspected by geotechnical engineer.					
Inspector Comment					

Photo 1 of 1 : FA_2024_MA0017_339_30_20240911_00006.jpg



Cracking on the LS shoulder. Fall 2023

* 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 - Fall 2024****Sutter Maintenance Yard Maintenance Area 0017**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lake County Sutter Maintenance Yard - Middle Creek	Left	3.87	09/16/2024 09/16/2024	Marvin Marshall

LM Start	4.13	Rating **	A	Issue No.	37
LM End	4.13	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.142287°	39.142287°
				-122.902436°	-122.902436°
DWR ID	845				
Comment Code					
Inspector Comment					
DS_ID:845 FS_ID:81941 EP_NO: 11464 Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 10/23/2023 Record updated from Non-Urgent to No Action Needed. No issues observed during inspection. (J. Taylor - DWR UCIP)10/09/2019 The levee is maintained by DWR Sutter Yard. The State is currently working on purchasing adjacent land to eventually pursue the de-activation of this levee. Levee crown width through this section is about 12 feet. The UCIP inspection was completed with DWR Inspector, L. Dial, and DWR Sutter Yard Supervisor, B. Reniff. Crossing has been updated from No Action Needed to Non-Urgent; owner has changed [State maintains structure]. (O. Magana - DWR UCIP)10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (O. Magana - DWR UCIP)10/19/2016 Crossing appears to be in good condition. (A. Freitag - DWR Sutter Yard)06/14/2016 crossing appears to be in good condition. (A. Freitag - DWR Sutter Yard)04/23/2015 No issues with pipe. (A. Freitag - DWR Sutter Yard)07/03/2014 Same as last inspection. (A. Freitag - DWR Sutter Yard)12/23/2013 Same as last inspection. (A. Freitag - DWR Sutter Yard)08/02/2013 Same as last inspection. (A. Freitag - DWR Sutter Yard) FIELD_STRUCT_DESC: [Bloody Island Pumping Plant] 1 of 2: 42-inch corrugated metal drainage pipe through the levee, 20.2 feet below the crown. Concrete headwall and discharge apron on the waterside (WS) shoulder. Three vertical pump units mounted on a reinforced concrete pump platform in drainage ditch at the landside (LS) toe. Flap gates in concrete discharge well on the LS. Combination flap and slide gate on a gravity pipe from drainage ditch into discharge well. (Two 42-inch pipes [HLM 4.18] authorized under Automatic Board Order (ABO) issued as Permit No. 11464, 1975 - Lake County). [Additional Reference(s): DWR Levee Log, 2005 (HLM 4.17). USACE Sacramento O&M Manual, Unit 506, Part 1 (SAC506.1) April 1961, and Part 2 (SAC506.2) August 1961, Revised 25 May 2011, (HLM 4.18), two 42-inch CMP -- referred to as Bloody Island Pumping Plant]. FS Date: 10/23/2023 7:42:17 AM					

Photo 1 of 3 : UCIP_FA_2024_81941_117611.jpg



Overview of levee crown looking D/S towards pipe crossings.

* 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 - Fall 2024****Sutter Maintenance Yard Maintenance Area 0017**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lake County Sutter Maintenance Yard - Middle Creek	Left	3.87	09/16/2024 09/16/2024	Marvin Marshall

LM Start	4.13	Rating **	A	Issue No.	37 (cont)	
LM End	4.13	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.142287°	39.142287°	
				-122.902436°	-122.902436°	
DWR ID	845					

Photo 2 of 3 : UCIP_FA_2024_81941_117612.jpg



WS view: Overview of WS with two positive closure devices in CMP risers on WS shoulder (DSID 845 right).

LM Start	4.13	Rating **	A	Issue No.	37 (cont)
LM End	4.13	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2024_81941_117615.jpg



LS view: Overview of LS. Bloody Island Pumping Plant on LS shoulder and 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 2024****Sutter Maintenance Yard Maintenance Area 0017**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lake County Sutter Maintenance Yard - Middle Creek	Left	3.87	09/16/2024 09/16/2024	Marvin Marshall

LM Start	4.14	Rating **	A	Issue No.	38
LM End	4.14	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.142262°	39.142262°
				-122.902423°	-122.902423°
DWR ID	852				

Comment Code**Inspector Comment**

DS_ID:852
FS_ID:81942
EP_NO: 11464
Repair Type: No Action Needed
EVAL Issue:
Crossing Status: Found
UCIP Comments: 10/23/2023 Record updated from Non-Urgent to No Action Needed. No issues observed during inspection. (J. Taylor - DWR UCIP)10/09/2019 The levee is maintained by DWR Sutter Yard. The State is currently working on purchasing adjacent land to eventually pursue the de-activation of this levee. Levee crown width through this section is about 12 feet. The UCIP inspection was completed with DWR Inspector, L. Dial, and DWR Sutter Yard Supervisor, B. Reniff. Crossing has been updated from No Action Needed to Non-Urgent; owner has changed [State maintains structure]. (O. Magana - DWR UCIP)10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (O. Magana - DWR UCIP)10/19/2016 Crossing appears to be in good condition. (A. Freitag - DWR Sutter Yard)06/14/2016 Crossing appears to be in good condition. (A. Freitag - DWR Sutter Yard)04/23/2015 No issues with pipe. (A. Freitag - DWR Sutter Yard)07/03/2014 Same as last inspection. (A. Freitag - DWR Sutter Yard)12/23/2013 Same as last inspection. (A. Freitag - DWR Sutter Yard)08/02/2013 Same as last inspection. (A. Freitag - DWR Sutter Yard)
FIELD_STRUCT_DESC: [Bloody Island Pumping Plant] 2 of 2: 42-inch corrugated metal drainage pipe through the levee, 14.6 feet below the crown. Concrete headwall and discharge apron on the waterside (WS) shoulder. Three vertical pump units mounted on a reinforced concrete pump platform in drainage ditch at the landside (LS) toe. Flap gates in concrete discharge well on the LS. Combination flap and slide gate on a gravity pipe from drainage ditch into discharge well. (Two 42-inch pipes [HLM 4.18] authorized under Automatic Board Order (ABO) issued as Permit No. 11464, 1975 - Lake County). [Additional Reference(s): DWR Levee Log, 2005 (HLM 4.17). USACE Sacramento O&M Manual, Unit 506, Part 1 (SAC506.1) April 1961, and Part 2 (SAC506.2) August 1961, Revised 25 May 2011, (HLM 4.18), two 42-inch CMP -- referred to as Bloody Island Pumping Plant].
FS Date: 10/23/2023 7:54:52 AM

Photo 1 of 3 : UCIP_FA_2024_81942_117617.jpg



Overview of levee crown looking D/S towards pipe crossings.

* Location	** Rating	+ Issue Type
LS : Land Side 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 - Fall 2024****Sutter Maintenance Yard Maintenance Area 0017**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lake County Sutter Maintenance Yard - Middle Creek	Left	3.87	09/16/2024 09/16/2024	Marvin Marshall

LM Start	4.14	Rating **	A	Issue No.	38 (cont)
LM End	4.14	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.142262°	39.142262°
				-122.902423°	-122.902423°
DWR ID	852				

Photo 2 of 3 : UCIP_FA_2024_81942_117618.jpg



WS view: Overview of WS with two positive closure devices in CMP risers on WS shoulder (DSID 852 left).

LM Start	4.14	Rating **	A	Issue No.	38 (cont)
LM End	4.14	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2024_81942_117621.jpg



LS view: Overview of LS. Bloody Island Pumping Plant on LS shoulder and 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 2024****Sutter Maintenance Yard Maintenance Area 0017**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lake County Sutter Maintenance Yard - Middle Creek	Left	3.87	09/16/2024 09/16/2024	Marvin Marshall

LM Start	5.34	Rating **	A	Issue No.	40
LM End	5.34	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.127449°	39.127449°
				-122.893460°	-122.893460°
DWR ID	847				
Comment Code					
Inspector Comment					
DS_ID:847 FS_ID:81945 EP_NO: 11469 Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 10/23/2023 Record updated from Non-Urgent to No Action Needed. Sack ring has deteriorated so that only sack fill material is left. This does not affect the operation of the pipe. (J. Taylor - DWR UCIP)10/09/2019 The levee is maintained by DWR Sutter Yard. The State is currently working on purchasing adjacent land to eventually pursue the de-activation of this levee. Levee crown width ranges from 3 to 4-feet. The UCIP inspection was completed with DWR Inspector, L. Dial, and DWR Sutter Yard Supervisor, B. Reniff. Crossing remains Non-Urgent; sack ring built to control levee seepage has deteriorated and needs to be rebuilt or maintained. Pump station is maintained by RD2070. (O. Magana - DWR UCIP)10/19/2016 Sack ring still in place. (A. Freitag - DWR Sutter Yard)06/14/2016 Sack ring is still built up underneath the pipes. (A. Freitag - DWR Sutter Yard)04/23/2015 Sack ring is still built up underneath the pipes. (A. Freitag - DWR Sutter Yard)07/03/2014 Same as last inspection. (A. Freitag - DWR Sutter Yard)12/23/2013 Same as last inspection. (A. Freitag - DWR Sutter Yard)08/02/2013 Same as last inspection. (A. Freitag - DWR Sutter Yard)12/13/2012 Flood fight materials-ring levees around both LS and WS slopes at pipe crossing. This may or may not be an issue. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 1 of 2: 16-inch steel drainage pipe through the levee, 5 feet below the crown. Drainage pumping plant on the landside (LS). Flap gate on the waterside (WS) end. (One 16-inch and one 36-inch pipe [HLM 5.43] authorized under Automatic Board Order (ABO) issued as Permit No. 11469, 1975 - RD 2070). [Additional Reference(s): DWR Levee Log, 2005 (HLM 5.43). USACE Sacramento O&M Manual, Unit 506 Part 3 (506.3), 1967, (HLM 5.43), listed as 16-inch pipe]. FS Date: 10/23/2023 8:11:16 AM					

Photo 1 of 3 : UCIP_FA_2024_81945_117627.jpg



Overview of levee crown looking D/S at location of crossing.

* 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	

Sutter Maintenance Yard Maintenance Area 0017

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lake County Sutter Maintenance Yard - Middle Creek	Left	3.87	09/16/2024 09/16/2024	Marvin Marshall

LM Start	5.34	Rating **	A	Issue No.	40 (cont)
LM End	5.34	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.127449°	39.127449°
				-122.893460°	-122.893460°
DWR ID	847				

Photo 2 of 3 : UCIP_FA_2024_81945_117628.jpg



LS View: view of 16-inch pipe still partially covered by sac ring at levee toe.

LM Start	5.34	Rating **	A	Issue No.	40 (cont)
LM End	5.34	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2024_81945_117631.jpg



WS view: view of pipe outlet with flap gates. Gates appear to be in working condition but vegetation/water limits inspection access.

* Location	** Rating	+ Issue Type
LS: Land Side 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 - Fall 2024****Sutter Maintenance Yard Maintenance Area 0017**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lake County Sutter Maintenance Yard - Middle Creek	Left	3.87	09/16/2024 09/16/2024	Marvin Marshall

LM Start	5.35	Rating **	A	Issue No.	41
LM End	5.35	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.127451°	39.127451°
				-122.893450°	-122.893450°
DWR ID	853				
Comment Code					
Inspector Comment					
DS_ID:853 FS_ID:81946 EP_NO: 11469 Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 10/23/2023 Record updated from Non-Urgent to No Action Needed. Sack ring has deteriorated so that only sack fill material is left. This does not affect the operation of the pipe. (J. Taylor - DWR UCIP)10/09/2019 The levee is maintained by DWR Sutter Yard. The State is currently working on purchasing adjacent land to eventually pursue the de-activation of this levee. Levee crown width ranges from 3 to 4-feet. The UCIP inspection was completed with DWR Inspector, L. Dial, and DWR Sutter Yard Supervisor, B. Reniff. Crossing remains Non-Urgent; sack ring built to control levee seepage has deteriorated and needs to be rebuilt or maintained. Pump station is maintained by RD2070. (O. Magana - DWR UCIP)10/19/2016 Sack ring still in place. (A. Freitag - DWR Sutter Yard)06/14/2016 Sack ring is still built up underneath the pipes. (A. Freitag - DWR Sutter Yard)04/23/2015 Sack ring still built up underneath the pipes. (A. Freitag - DWR Sutter Yard)07/03/2014 Same as last inspection. (A. Freitag - DWR Sutter Yard)12/23/2013 Same as last inspection. (A. Freitag - DWR Sutter Yard)08/02/2013 Same as last inspection. (A. Freitag - DWR Sutter Yard)12/13/2012 flood fight materials-ring levees around both LS and WS slopes at pipe crossing. This may or may not be an issue. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 2 of 2: 36-inch steel drainage pipe through the levee, 5 feet below the crown. Flap gate and air vent on the waterside (WS) slope. (One 36-inch and one 16-inch pipes [HLM 5.43] authorized under Automatic Board Order (ABO) issued as Permit No. 11469, 1975 - RD 2070). [Additional Reference(s): DWR Levee Log, 2005 (HLM 5.43). USACE Sacramento O&M Manual, Unit 506 Part 3 (506.3), 1967, (HLM 5.43), listed as 36-inch pipe]. FS Date: 10/23/2023 8:21:45 AM					

Photo 1 of 3 : UCIP_FA_2024_81946_117632.jpg



Overview of levee crown looking D/S at location of crossing.

* 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 - Fall 2024****Sutter Maintenance Yard Maintenance Area 0017**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lake County Sutter Maintenance Yard - Middle Creek	Left	3.87	09/16/2024 09/16/2024	Marvin Marshall

LM Start	5.35	Rating **	A	Issue No.	41 (cont)
LM End	5.35	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.127451°	39.127451°	
			-122.893450°	-122.893450°	
DWR ID	853				

Photo 2 of 3 : UCIP_FA_2024_81946_117633.jpg



LS view: Overview of LS with 36-inch pipe visible entering pump house at LS toe.

LM Start	5.35	Rating **	A	Issue No.	41 (cont)
LM End	5.35	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2024_81946_117635.jpg



WS view: overview of WS with pipe outlets visible.

* 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 : 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 - Fall 2024

Sutter Maintenance Yard Maintenance Area 0017

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lake County Sutter Maintenance Yard - Middle Creek	Left	3.87	09/16/2024 09/16/2024	Marvin Marshall

LM Start	5.78	Rating **	U	Issue No.	42
LM End	5.78	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.127612°	39.127612°
				-122.885520°	-122.885520°
DWR ID	848				

Comment Code

Inspector Comment

DS_ID:848
FS_ID:81947
EP_NO: 11457
Repair Type: Urgent
EVAL Issue: 3a, Flood Risk
Crossing Status: Found
UCIP Comments: 10/23/2023 Record updated from Non-Urgent to Urgent. Still no wheel to operate slide gate. Because it is in open position allowing water through it is a flood risk. LS headwall and pipe found see 2023 pictures. (J. Taylor - DWR UCIP)10/09/2019 The levee is maintained by DWR Sutter Yard. The State is currently working on purchasing adjacent land to eventually pursue the de-activation of this levee. Levee crown width ranges from 3 to 4-feet. The UCIP inspection was completed with DWR Inspector, L. Dial, and DWR Sutter Yard Supervisor, B. Reniff. Crossing remains Non-Urgent; crossing has been abandoned, no riser lid or slide gate wheel are present. DWR DMP geophysical investigation found signals of potential metal pipe through this section of the levee. Owner will need coordinate with the CVFPB to remove or abandon crossing according to Title 23 requirements. (O. Magana - DWR UCIP) 10/19/2016 No riser lid or slide gate wheel. (A. Freitag - DWR Sutter Yard)06/14/2016 No riser lid and no wheel to operate screw gate. (A. Freitag - DWR Sutter Yard)04/23/2015 No cover on riser and no wheel to operate gate. (A. Freitag - DWR Sutter Yard)07/03/2014 Same as last inspection. (A. Freitag - DWR Sutter Yard)12/23/2013 Same as last inspection. (A. Freitag - DWR Sutter Yard)08/02/2013 Handle to operate gate was in place but still no cover on riser. (A. Freitag - DWR Sutter Yard)12/13/2012 No cover on CMP riser and no handle for actuating gate. This may or may not be an issue. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch drainage pipe under patrol road and through the levee, 13.5 feet below the crown. Concrete "U" shaped headwall on the landside (LS) end. Slide gate in 36-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Riser unit is mounted on concrete base. (24-inch pipe [HLM 5.87] authorized under Automatic Board Order (ABO) issued as Permit No. 11457, 1975 - Crawford). [Additional Reference(s): DWR Levee Log, 2005 (HLM 5.87). USACE Sacramento O&M Manual, Unit 506 Part 3 (506.3), 1967, (HLM 5.87), listed as 24-inch pipe].
FS Date: 10/23/2023 8:31:09 AM

Photo 1 of 3 : UCIP_FA_2024_81947_117640.jpg



Overview of levee crown looking D/S at location of crossing.

* 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 : 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 - Fall 2024****Sutter Maintenance Yard Maintenance Area 0017**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lake County Sutter Maintenance Yard - Middle Creek	Left	3.87	09/16/2024 09/16/2024	Marvin Marshall

LM Start	5.78	Rating **	U	Issue No.	42 (cont)
LM End	5.78	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.127612°	39.127612°
				-122.885520°	-122.885520°
DWR ID	848				

Photo 2 of 3 : UCIP_FA_2024_81947_117642.jpg



WS view: inside CMP riser, missing handle to operate slide gate.

LM Start	5.78	Rating **	U	Issue No.	42 (cont)
LM End	5.78	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2024_81947_117637.jpg



LS view: overview of LS, concrete headwall at levee 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 2024

Sutter Maintenance Yard Maintenance Area 0017

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lake County Sutter Maintenance Yard - Middle Creek	Left	3.87	09/16/2024 09/16/2024	Marvin Marshall

LM Start	5.96	Rating **	U	Issue No.	43
LM End	5.96	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.126322°	39.126322°
				-122.882764°	-122.882764°
DWR ID	849				

Comment Code

Inspector Comment

DS_ID:849
FS_ID:81424
EP_NO: 11467
Repair Type: Urgent
EVAL Issue: 3a, Flood Risk
Crossing Status: Found
UCIP Comments: 10/23/2023 Record updated from Non-Urgent to Urgent. Wood debris opening flap gate on WS leaves crossing vulnerable to flooding. Some erosion on WS due to runoff, not pipe related but should be monitored for maintenance. DMP internal video inspection has found none or minor pipe defects. Recommend next video inspection in 5 years. (J. Taylor - DWR UCIP)10/09/2019 The levee is maintained by DWR Sutter Yard. The State is currently working on purchasing adjacent land to eventually pursue the de-activation of this levee. Levee crown width is about 12 feet. The UCIP inspection was completed with DWR Inspector, L. Dial, and DWR Sutter Yard Supervisor, B. Reniff. Crossing has been updated from No Action Needed to Non-Urgent; need to audit record to confirm if ABO lists current owner for this structure. (O. Magana - DWR UCIP)10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (O. Magana - DWR UCIP)10/19/2016 Crossing appears to be in good condition. (A. Freitag - DWR Sutter Yard)06/14/2016 Flap gate propped open. Will make sure its closed before flood season. (A. Freitag - DWR Sutter Yard)04/23/2015 Flap gate propped open. Not an issue at this time. Will close it before high water season. (A. Freitag - DWR Sutter Yard)07/03/2014 Same as last inspection. (A. Freitag - DWR Sutter Yard)12/23/2013 Same as last inspection. (A. Freitag - DWR Sutter Yard)08/02/2013 Same as last inspection. (A. Freitag - DWR Sutter Yard)
FIELD_STRUCT_DESC: [Highland Canal Diversion Weir and Drainage] 1 of 2: 54-inch CIPP lined corrugated metal drainage pipe through the levee 11.5 feet below the crown. Highland Canal Diversion Weir and Drainage Structure on the landside (LS). Concrete headwall on both landside (LS) and waterside (WS) toe with flap gate on the WS toe. (two 54-inch pipes [HLM 6.05] authorized under Automatic Board Order (ABO) issued as Permit No. 11467, 1975 - Modglin). [Additional Reference(s): DWR Levee Log, 2005 (HLM 6.05). USACE Sacramento O&M Manual, Unit 506 Part 3 (506.3), 1967, (HLM 6.05), listed as two 54-inch pipes].
FS Date: 10/23/2023 8:45:44 AM

Photo 1 of 3 : UCIP_FA_2024_81424_117643.jpg



Overview of levee crown looking D/S.

* 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 : 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 - Fall 2024****Sutter Maintenance Yard Maintenance Area 0017**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lake County Sutter Maintenance Yard - Middle Creek	Left	3.87	09/16/2024 09/16/2024	Marvin Marshall

LM Start	5.96	Rating **	U	Issue No.	43 (cont)
LM End	5.96	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.126322°	39.126322°	
			-122.882764°	-122.882764°	
DWR ID	849				

Photo 2 of 3 : UCIP_FA_2024_81424_117644.jpg



WS view: overview of WS with two 54-inch CIPP lined pipes visible on toe of levee.

LM Start	5.96	Rating **	U	Issue No.	43 (cont)
LM End	5.96	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2024_81424_117646.jpg



WS view: side view of wooden debris preventing flap gate on WS from closing.

* 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 2024

Sutter Maintenance Yard Maintenance Area 0017

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lake County Sutter Maintenance Yard - Middle Creek	Left	3.87	09/16/2024 09/16/2024	Marvin Marshall

LM Start	5.96	Rating **	U	Issue No.	44
LM End	5.96	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.126298°	39.126298°
				-122.882756°	-122.882756°
DWR ID	854				

Comment Code

Inspector Comment

DS_ID:854
FS_ID:81426
EP_NO: 11467
Repair Type: Urgent
EVAL Issue: 3a, Flood Risk
Crossing Status: Found
UCIP Comments: 10/23/2023 Record updated from Non-Urgent to Urgent. Wood debris opening flap gate on WS leaves crossing vulnerable to flooding. Some erosion on WS due to runoff, not pipe related but should be monitored for maintenance. DMP internal video inspection has found none or minor pipe defects. Recommend next video inspection in 5 years. (J. Taylor - DWR UCIP)10/09/2019 The levee is maintained by DWR Sutter Yard. The State is currently working on purchasing adjacent land to eventually pursue the de-activation of this levee. Levee crown width is about 12 feet. The UCIP inspection was completed with DWR Inspector, L. Dial, and DWR Sutter Yard Supervisor, B. Reniff. Crossing has been updated from No Action Needed to Non-Urgent; need to audit record to confirm if ABO lists current owner for this structure. (O. Magana - DWR UCIP)10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (O. Magana - DWR UCIP)10/19/2016 Crossing appears to be in good condition. (A. Freitag - DWR Sutter Yard)06/14/2016 Flap gate propped open. Will make sure its closed before flood season. (A. Freitag - DWR Sutter Yard)04/23/2015 Flap gate propped open. Not an issue at this time. Will close it before high water season. (A. Freitag - DWR Sutter Yard)07/03/2014 Same as last inspection. (A. Freitag - DWR Sutter Yard)12/23/2013 Same as last inspection. (A. Freitag - DWR Sutter Yard)08/02/2013 Same as last inspection. (A. Freitag - DWR Sutter Yard)
FIELD_STRUCT_DESC: [Highland Canal Diversion Weir and Drainage] 2 of 2: 54-inch CIPP lined corrugated metal drainage pipe through the levee, 11.5 feet below the crown. Highland Canal Diversion Weir and Drainage Structure on the landside (LS). Concrete headwall on both landside (LS) and waterside (WS) toe with flap gate on the WS toe. (two 54-inch pipes [HLM 6.05] authorized under Automatic Board Order (ABO) issued as Permit No. 11467, 1975 - Modglin). [Additional Reference(s): DWR Levee Log, 2005 (HLM 6.05). USACE Sacramento O&M Manual, Unit 506 Part 3 (506.3), 1967, (HLM 6.05), listed as two 54-inch pipes].
FS Date: 10/23/2023 9:01:19 AM

Photo 1 of 3 : UCIP_FA_2024_81426_117650.jpg



Overview of levee crown looking D/S.

* 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 : 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 - Fall 2024****Sutter Maintenance Yard Maintenance Area 0017**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lake County Sutter Maintenance Yard - Middle Creek	Left	3.87	09/16/2024 09/16/2024	Marvin Marshall

LM Start	5.96	Rating **	U	Issue No.	44 (cont)
LM End	5.96	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.126298°	39.126298°
				-122.882756°	-122.882756°
DWR ID	854				

Photo 2 of 3 : UCIP_FA_2024_81426_117651.jpg



WS view: overview of WS with two 54-inch CIPP lined pipes visible on toe of levee.

LM Start	5.96	Rating **	U	Issue No.	44 (cont)
LM End	5.96	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2024_81426_117653.jpg



WS view: side view of wooden debris preventing flap gate on WS from closing.

LM Start	5.98	Rating **	M	Issue No.	31
LM End	6.02	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Rills			39.126111°	39.126045°
				-122.883011°	-122.883707°
DWR ID	DWR_MA0017_01_f_2023_31				
Comment Code					
E5 : Schedule repair of rills prior to the next inspection.					
Inspector Comment					
Repair erosion on the WS slope.					

Photo 1 of 2 : FA_2024_MA0017_339_31_20240911_00007.jpg



Erosion on the WS slope. Spring 2024

* 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 - Fall 2024****Sutter Maintenance Yard Maintenance Area 0017**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lake County Sutter Maintenance Yard - Middle Creek	Left	3.87	09/16/2024 09/16/2024	Marvin Marshall

LM Start	5.98	Rating **	M	Issue No.	31 (cont)	
LM End	6.02	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Rills			39.126111°		39.126045°
				-122.883011°		-122.883707°
DWR ID	DWR_MA0017_01_f_2023_31					

Photo 2 of 2 : FA_2024_MA0017_339_31_20240917_00053.jpg



Erosion on the WS slope. Fall 2024

LM Start	6.11	Rating **	M	Issue No.	33
LM End	6.11	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.126400°	39.126400°
				-122.885512°	-122.885512°
DWR ID	DWR_MA0017_01_f_2023_33				

Comment Code

E2 : Schedule repair of erosion site prior to the next inspection.

Inspector Comment

Bank is sloughing in area near fallen tree.

Photo 1 of 1 : FA_2024_MA0017_339_33_20240911_00008.jpg



Cracking/Sloughing near the down tree on the WS slope. Fall 2023

LM Start	7.15	Rating **	M	Issue No.	34
LM End	7.22	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Rills			39.120147°	39.119320°
				-122.886654°	-122.885644°
DWR ID	DWR_MA0017_01_f_2023_34				

Comment Code

E5 : Schedule repair of rills prior to the next inspection.

Inspector Comment

Repair rilling/erosion on the WS slope.

Photo 1 of 1 : FA_2024_MA0017_339_34_20240917_00054.jpg



Erosion on the WS slope. Fall 2024

* 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 : 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 - Fall 2024

Sutter Maintenance Yard Maintenance Area 0017

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lake County Sutter Maintenance Yard - Middle Creek	Left	3.87	09/16/2024 09/16/2024	Marvin Marshall

LM Start	7.16	Rating **	M	Issue No.	48
LM End	7.16	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.120083°	39.120083°
				-122.886502°	-122.886502°
DWR ID	851				
Comment Code					
Inspector Comment					
DS_ID:851 FS_ID:81949 EP_NO: 11467 Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 10/23/2023 Record remains Non-Urgent. Vegetation limited inspection, 16-inch pipe not found. (J. Taylor - DWR UCIP)10/09/2019 The levee is maintained by DWR Sutter Yard. The State is currently working on purchasing adjacent land to eventually pursue the de-activation of this levee. Levee crown width is about 12 feet. The UCIP inspection was completed with DWR Inspector, L. Dial, and DWR Sutter Yard Supervisor, B. Reniff. Crossing remains Non-Urgent; crossing has been abandoned. Owner will need coordinate with the CVFPB to remove or abandon crossing according to Title 23 requirements. (O. Magana - DWR UCIP)10/19/2016 Abandoned-should be done so properly. (A. Freitag - DWR Sutter Yard)06/14/2016 Abandoned crossing. (A. Freitag - DWR Sutter Yard)04/23/2015 Same as last inspection. Pipe still needs to be properly abandoned. (A. Freitag - DWR Sutter Yard)07/03/2014 Same as last inspection. (A. Freitag - DWR Sutter Yard)12/23/2013 Same as last inspection. (A. Freitag - DWR Sutter Yard)08/02/2013 Same as last inspection. (A. Freitag - DWR Sutter Yard)12/13/2012 Pipe should be properly abandoned. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 1 of 2: 16-inch steel drainage pipe through the levee, 8 feet below the crown. Drainage pumping plant on the landside (LS). Flap gate on the waterside (WS) end. Steel plate welded on end of pipe at LS toe. (One 16-inch and one 24-inch pipes [HLM 7.79] authorized under Automatic Board Order (ABO) issued as Permit No. 11467, 1975 - Modglin). [Additional Reference(s): DWR Levee Log, 2005 (HLM 7.19). USACE Sacramento O&M Manual, Unit 506 Part 3 (506.3), 1967, (HLM 7.19), listed as 16-inch pipe]. FS Date: 10/23/2023 9:44:51 AM					

Photo 1 of 3 : UCIP_FA_2024_81949_117674.jpg



Overview of levee crown looking D/S.

* 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 2024****Sutter Maintenance Yard Maintenance Area 0017**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lake County Sutter Maintenance Yard - Middle Creek	Left	3.87	09/16/2024 09/16/2024	Marvin Marshall

LM Start	7.16	Rating **	M	Issue No.	48 (cont)
LM End	7.16	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.120083°	39.120083°	
			-122.886502°	-122.886502°	
DWR ID	851				

Photo 2 of 3 : UCIP_FA_2024_81949_117675.jpg



WS view: overview of WS with heavy vegetation limiting inspection.

LM Start	7.16	Rating **	M	Issue No.	48 (cont)
LM End	7.16	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2024_81949_117676.jpg



LS view: Overview of LS with 24-inch pipe visible but dense vegetation limit inspection of 16-inch pipe.

* 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 - Fall 2024

Sutter Maintenance Yard Maintenance Area 0017

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lake County Sutter Maintenance Yard - Middle Creek	Left	3.87	09/16/2024 09/16/2024	Marvin Marshall

LM Start	7.16	Rating **	M	Issue No.	49
LM End	7.16	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.120069°	39.120069°
				-122.886484°	-122.886484°
DWR ID	855				
Comment Code					
Inspector Comment					
DS_ID:855 FS_ID:81950 EP_NO: 11467 Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 10/23/2023 Record remains Urgent. Crossing appears abandoned. Recommend owner to contact CVFPB to abandon or remove pipe from levee. (J. Taylor - DWR UCIP)10/09/2019 The levee is maintained by DWR Sutter Yard. The State is currently working on purchasing adjacent land to eventually pursue the de-activation of this levee. Levee crown width is about 12 feet. The UCIP inspection was completed with DWR Inspector, L. Dial, and DWR Sutter Yard Supervisor, B. Reniff. Crossing remains Non-Urgent; crossing has been abandoned. Owner will need coordinate with the CVFPB to remove or abandon crossing according to Title 23 requirements. (O. Magana - DWR UCIP)10/19/2016 Crossing appears to be in good condition. (A. Freitag - DWR Sutter Yard)06/14/2016 Crossing appears to be in good condition. (A. Freitag - DWR Sutter Yard)04/23/2015 No issues seen with pipe. (A. Freitag - DWR Sutter Yard)07/03/2014 Same as last inspection. (A. Freitag - DWR Sutter Yard)08/02/2013 Same as last inspection. (A. Freitag - DWR Sutter Yard)12/23/2013 Same as last inspection. (A. Freitag - DWR Sutter Yard) FIELD_STRUCT_DESC: 2 of 2: 24-inch steel drainage pipe through the levee, 8 feet below the crown. Drainage pumping plant on the landside (LS). Flap gate on the waterside (WS) end. (one 16-inch and one 24-inch pipes [HLM 7.79] authorized under Automatic Board Order (ABO) issued as Permit No. 11467, 1975 - Modglin). [Additional Reference(s): DWR Levee Log, 2005 (HLM 7.19). USACE Sacramento O&M Manual, Unit 506 Part 3 (506.3), 1967, (HLM 7.19), listed as 24-inch pipe]. FS Date: 10/23/2023 9:49:26 AM					

Photo 1 of 3 : UCIP_FA_2024_81950_117678.jpg



Overview of levee crown looking D/S.

* 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 2024****Sutter Maintenance Yard Maintenance Area 0017**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lake County Sutter Maintenance Yard - Middle Creek	Left	3.87	09/16/2024 09/16/2024	Marvin Marshall

LM Start	7.16	Rating **	M	Issue No.	49 (cont)
LM End	7.16	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.120069°	39.120069°	
			-122.886484°	-122.886484°	
DWR ID	855				

Photo 2 of 3 : UCIP_FA_2024_81950_117679.jpg



WS view: overview of WS with heavy vegetation limiting inspection.

LM Start	7.16	Rating **	M	Issue No.	49 (cont)
LM End	7.16	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2024_81950_117680.jpg



LS view: Overview of LS with 24-inch pipe visible and pump house on levee 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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