

**Flood Control Project Maintenance  
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2024****Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/30/2024 10/30/2024	Brooks Weisser

LM Start		Rating **	A	Issue No.	4					
LM End		Issue Type +	Ma	Location *	N/A					
Category	Earthen Levee		GPS Latitude/Longitude							
			Start	End						
Item	Operations & Maintenance Manuals									
DWR ID	DWR_LD0001S_01_s_2024_4									
Comment Code										
OM : O&M Manuals										
Inspector Comment										
O&M manuals are stored at the district office at 243 2nd St, Yuba City, CA.										

No Photos

LM Start		Rating **	A	Issue No.	5					
LM End		Issue Type +	Ma	Location *	N/A					
Category	Earthen Levee		GPS Latitude/Longitude							
			Start	End						
Item	Emergency Supplies & Equipment									
DWR ID	DWR_LD0001S_01_s_2024_5									
Comment Code										
ES : Emergency Supplies & Equipment										
Inspector Comment										
Supplies and flood fight equipment are stored at the district office. They also went in with RD784 in their large stockpile of flood fight supplies located in their district.										

No Photos

LM Start		Rating **	A	Issue No.	6					
LM End		Issue Type +	Ma	Location *	N/A					
Category	Earthen Levee		GPS Latitude/Longitude							
			Start	End						
Item	Flood Preparedness & Training									
DWR ID	DWR_LD0001S_01_s_2024_6									
Comment Code										
FP : Flood Preparedness & Training										
Inspector Comment										
The district employees attend the Flood Fight class put on by DWR and RD784 annually.										

No Photos

* 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		

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/30/2024 10/30/2024	Brooks Weisser

LM Start	0.94	Rating **	A/W	Issue No.	14
LM End	0.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.964534°	38.964534°
				-121.586570°	-121.586570°
DWR ID	DWR_LD0001S_01_f_2023_14				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
No rodents visible, and LMA is actively baiting and backfilling. Monitor area for further activity, Fall 2024.					

Photo 1 of 1 : FA\_2024\_LD0001S\_433\_14\_20241031\_00024.jpg



View of rodent holes on the landside slope, Fall 2024.

LM Start	2.47	Rating **	M	Issue No.	27
LM End	2.47	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.985845°	38.985845°
				-121.591912°	-121.591912°
DWR ID	18668				
Comment Code					
Inspector Comment					
DS_ID:18668 FS_ID:77099 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Not Found UCIP Comments: 02/22/2022 Record has been updated to Non-Urgent. No drainage culvert located on the LS. Based on USACE As-Built Drawing No. 04-04-0205-1, pipe is described as crossing LS approach and does not indicate through the levee. Need to obtain recent Feather River West Levee Project as-built drawings to verify if pipe actually crosses the levee at this location. (M. Thao - DWR UCIP) FIELD_STRUCT_DESC: 8-inch corrugated iron gravity drainage culvert under the landside (LS) approach, at an unknown depth. [Additional Reference(s): USACE As-Built Drawing No. 04-04-0205-1, Station 627+00, July 1939]. FS Date: 2/22/2022					

Photo 1 of 3 : UCIP\_FA\_2024\_77099\_113766.jpg



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 Feather River	Right	16.11	10/30/2024 10/30/2024	Brooks Weisser

LM Start	2.47	Rating **	M	Issue No.	27 (cont)
LM End	2.47	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.985845°	38.985845°
				-121.591912°	-121.591912°
DWR ID	18668				

Photo 2 of 3 : UCIP\_FA\_2024\_77099\_113768.jpg



LS view: Looking from crown; general overview. Sump and vaults are not associated this record.

LM Start	<b>2.47</b>	Rating **	M	Issue No.	<b>27 (cont)</b>
LM End	<b>2.47</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2024\_77099\_113767.jpg



WS view: Looking from levee; general overview. Pole and pump station not associated with this record.

LM Start	2.56	Rating **	M	Issue No.	24
LM End	2.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.987277°	38.987277°
				-121.591992°	-121.591992°
DWR ID	DWR_LD0001S_01_s_2021_24				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Elderberry bush blocking access and visibility.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/30/2024 10/30/2024	Brooks Weisser

LM Start	4.48	Rating **	A/W	Issue No.	15
LM End	4.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.012365°	39.014601°
				-121.604267°	-121.607921°
DWR ID	DWR_LD0001S_01_f_2023_15				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
No rodents visible, and LMA is actively baiting and backfilling. Monitor area for further activity, Fall 2024.					

Photo 1 of 1 : FA\_2024\_LD0001S\_433\_15\_20240829\_00002.jpg



View of rodent holes on the landside slope, Fall 2023.

LM Start	7.69	Rating **	A/W	Issue No.	19
LM End	7.74	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.055986°	39.056710°
				-121.611301°	-121.611331°
DWR ID	LD1-S-03				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
This was a 2017 Storm Damage site for erosion.					
Site ID No:146					
Site Designation:LD1-S-03					

Photo 1 of 1 : LEVAL\_FA\_2024\_146\_4051.jpg



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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 Feather River	Right	16.11	10/30/2024 10/30/2024	Brooks Weisser

LM Start	14.46	Rating **	M	Issue No.	32
LM End	14.46	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.147985°	39.147985°
				-121.610126°	-121.610126°
DWR ID	17924				
Comment Code					
Inspector Comment					
DS_ID:17924 FS_ID:80013 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Not Found UCIP Comments: 02/24/2022 Need to verify if pipe was grouted in place or removed. Permit application proposed pipe removal but a Reclamation Board suggests that abandonment might be safely and more economically accomplished by filling with concrete rather than opening a cut some 200 feet long and 40 feet deep in the levee. Sutter Butte Flood Control Agency As-Built Drawing No. 04-04-0648, Sheet 59, May 2013, at approximately Station 1043+40 does not indicate there is a 36-inch pipe, 30 feet below the crown. (M. Thao - DWR UCIP) 04/09/2013 Need verification pipe was grouted in place. (P. Amatya) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 30 feet below the crown. Slide gate in a corrugated metal pipe (CMP) riser on the waterside (WS) slope. (36-inch pipe removed under Permit 1066, 1945 - Levee District No. 1 of Sutter County). [Additional Reference(s): DWR Levee Log, 2005 (HLM 14.98). USACE Sacramento O&M Manual, Unit No. 144, August 1955, (Station 1468+79), listed as 36-inch pipe. USACE As-Built Drawing No. 04-04-0172-1, Station 1468+79, August 1938]. FS Date: 2/24/2022					

LM Start	14.46	Rating **	M	Issue No.	32 (cont)
LM End	14.46	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2024\_80013\_114549.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP\_FA\_2024\_80013\_114550.jpg



LS view: Looking from levee; general overview.

* 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 Feather River	Right	16.11	10/30/2024 10/30/2024	Brooks Weisser

LM Start	<b>14.46</b>	Rating **	M	Issue No.	<b>32 (cont)</b>
LM End	<b>14.46</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.147985°	39.147985°
				-121.610126°	-121.610126°
DWR ID	17924				

Photo 3 of 3 : UCIP\_FA\_2024\_80013\_114551.jpg



WS view: Looking from levee; general overview.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2024****Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Feather River	Right	5.11	10/30/2024 10/30/2024	Brooks Weisser

LM Start	0.09	Rating **	A	Issue No.	1	
LM End	5.10	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Vegetation			38.897900°	38.950796°	
				-121.616417°	-121.585792°	
DWR ID	DWR_LD0001S_02_f_2024_1					
Comment Code						
V1 : Control annual grass and weeds on the levee slopes and easements.						
Inspector Comment						
Vegetation is well maintained, Fall 2024.						

Photo 1 of 1 : FA\_2024\_LD0001S\_195\_1\_20241031\_00001.jpg



View of maintained vegetation on the landside slope, Fall 2024.

LM Start	0.09	Rating **	A	Issue No.	2
LM End	5.10	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.897900°	38.950796°
				-121.616417°	-121.585792°
DWR ID	DWR_LD0001S_02_f _ 2024_2				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Vegetation is well maintained, Fall 2024.					

Photo 1 of 1 : FA\_2024\_LD0001S\_195\_2\_20241031\_00002.jpg



View of maintained vegetation on the waterside slope, Fall 2024.

LM Start	0.11	Rating **	A/W	Issue No.	3
LM End	0.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.898064°	38.901752°
				-121.616111°	-121.610406°
DWR ID	DWR_LD0001S_02_f_2024_3				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Erosion on the landside toe road needs to be monitored and plans for repair need to be made, Fall 2024.					

Photo 1 of 1 : FA\_2024\_LD0001S\_195\_3\_20241031\_00003.jpg



View of erosion on the landside toe road, 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/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**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Feather River	Right	5.11	10/30/2024 10/30/2024	Brooks Weisser

LM Start	<b>0.81</b>	Rating **	M	Issue No.	<b>4</b>
LM End	<b>0.81</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.903264°	38.903264°	
			-121.605698°	-121.605698°	
DWR ID	17092				

**Comment Code**

**Inspector Comment**

DS\_ID:17092  
FS\_ID:85226  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: 6, Levee Damage or Threat for Levee Damage  
Crossing Status: Found  
UCIP Comments: 10/21/2024 Record updated from Urgent to Non-Urgent. Depression on LS behind headwall is located approximately 20 feet from levee toe and does not appear to be within levee prism. Unable to inspect flap gate on WS due to being under water. Unsure if pipe is actually abandoned; unable to locate a permit and confirm proper pipe abandonment. Recommend owner to contact CVFPB to abandon or remove pipe from levee if pipe is actually abandoned. (M. Thao - DWR UCIP)  
01/21/2021 Record remains Urgent. Potential levee integrity issues still remain at this location. This section of the levee under Feather River West Levee Project has not been completed yet. Will need to continue coordinating with DWR Sutter Yard Pipe Inspector, Andy Freitag, to obtain progress update. Need to request construction plans to review levee modifications at this location. The site inspection was completed with DWR Sutter Yard staff, Bob Duffey and Cory Hutton. (O. Magana - DWR UCIP)  
06/09/2020 Notified by Bob Duffey, DWR Sutter Yard Inspector, that MA0003 is currently under construction as part of the Feather River West Levee Project. Will need to coordinate with Andy Freitag, DWR Sutter Yard Pipe Inspector, once the As-built are available to update UCIP Records. (O. Magana - DWR UCIP)  
05/01/2019 Same as last inspection, record remains Urgent due to the potential of levee integrity issues on the LS. Dense vegetation on both the WS and LS limits the inspection to determine if sink hole or erosion behind headwall on LS has progressed. No permit has been identified for this structure. Structure has been abandoned. (O. Magana - DWR UCIP)  
04/2018 Sink hole observed between the dual 18-inch pipes located on the LS near the concrete headwall. Erosion was also observed behind the concrete headwall located on the LS. Inlet of dual 18-inch pipes was still covered by filled sandbags. Crossing remains Urgent due to the sink hole and erosion visible on the LS. These crossings were recommended for replacement under the SBFCFA project; however, no work has been done to date. Recommend monitoring site and coordinating with SBFCFA to determine the status of the project. (O. Magana - DWR UCIP)  
04/11/2017 Water levels were high on WS during inspection so pipe ends could not be inspected. Believe that the sandbags are still in place and condition of flap gates is unknown. (A. Freitag - DWR Sutter Yard)  
10/2016 WS pipe end was underwater for inspection but the sandbags still appear to be in place. (A. Freitag - DWR Sutter Yard)  
04/18/2016 No repairs have been made to the pipe yet. (A. Freitag - DWR Sutter Yard)  
05/12/2015 Water level high in WS ditch so could not see WS end of crossing. Do

Photo 1 of 3 : UCIP\_FA\_2024\_85226\_97990.jpg



Overview of levee crown looking upstream towards 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

### Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Feather River	Right	5.11	10/30/2024 10/30/2024	Brooks Weisser

not believe that repairs have been made yet. (A. Freitag - DWR Sutter Yard) 1/17/2014 Same as last inspection. (A. Freitag - DWR Sutter Yard) 05/14/2014 Same as last inspection. (A. Freitag - DWR Sutter Yard) 10/30/2013 Same as last inspection. (A. Freitag - DWR Sutter Yard) 05/21/2013 SBFCA project recommends replacing in accordance with title 23. High water levels in WS ditch have pipe ends underwater but repairs have not yet been completed but are planned for when water levels drop. (A. Freitag - DWR Sutter Yard) 10/10/2012 Flap gates not visible on waterward headwall and it appears as though they have been replaced by sandbags. Slide gates on LS appear to be closed yet water leaks excessively from the WS at the sandbagged headwall. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 1 of 2: 18-inch steel drainage pipe through the levee, 32 feet below the crown. Flap gate on the waterside (WS) end. Slide gate on the landside (LS) end at concrete headwall. Concrete "U" shaped headwall at the WS toe. [Additional Reference(s): DWR Levee Log, 2005 (HLM 0.80). USACE Sacramento O&M Manual 143, A

LM Start	<b>0.81</b>	Rating **	M	Issue No.	<b>4 (cont)</b>
LM End	<b>0.81</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_FA\_2024\_85226\_97991.jpg



LS view: overview of LS

LM Start	<b>0.81</b>	Rating **	M	Issue No.	<b>4 (cont)</b>
LM End	<b>0.81</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2024\_85226\_97992.jpg



LS view: view of LS slope and pump located on the LS toe

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Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2024****Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Feather River	Right	5.11	10/30/2024 10/30/2024	Brooks Weisser

LM Start	0.81	Rating **	M	Issue No.	5
LM End	0.81	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.903264°	38.903264°
				-121.605698°	-121.605698°
DWR ID	17136				

**Comment Code****Inspector Comment**

DS\_ID:17136

FS\_ID:85230

EP\_NO: N/A

Repair Type: Non-Urgent

EVAL Issue: 6, Levee Damage or Threat for Levee Damage

Crossing Status: Found

UCIP Comments: 10/21/2024 Record updated from Urgent to Non-Urgent. Depression on LS behind headwall is located approximately 20 feet from levee toe and does not appear to be within levee prism. Unable to inspect flap gate on WS due to being under water. Crossing appears abandoned; slide gate wheel on LS is missing. Unable to locate a permit and confirm proper pipe abandonment. Recommend owner to contact CVFPB to abandon or remove pipe from levee. (M. Thao - DWR UCIP)

01/21/2021 Record remains Urgent. Potential levee integrity issues are still present. This section of the levee under Feather River West Levee Project has not been completed yet. Will need to continue coordinating with DWR Sutter Yard Pipe Inspector, Andy Freitag, to obtain progress update. Need to request construction plans to review levee modifications at this location. The site inspection was completed with DWR Sutter Yard staff, Bob Duffey and Cory Hutton. (O. Magana - DWR UCIP)

06/09/2020 Notified by Bob Duffey, DWR Sutter Yard Inspector, that MA0003 is currently under construction as part of the Feather River West Levee Project. Will need to coordinate with Andy Freitag, DWR Sutter Yard Pipe Inspector, once the As-builts are available to update UCIP Records. (O. Magana - DWR UCIP)

05/01/2019 Same as last inspection, record remains Urgent due to the potential of levee integrity issues on the LS. Dense vegetation on both the WS and LS limits the inspection to determine if sink hole or erosion behind headwall on LS has progressed. No permit has been identified for this structure. Structure has been abandoned. (O. Magana - DWR UCIP)

04/2018 Sink hole observed between the dual 18-inch pipes located on the LS near the concrete headwall. Erosion was also observed behind the concrete headwall located on the LS. Inlet of dual 18-inch pipes was still covered by filled sandbags. Crossing remains Urgent due to the sink hole and erosion visible on the LS. These crossings were recommended for replacement under the SBFCA project; however, no work has been done to date. Recommend monitoring site and coordinating with SBFCA to determine the status of the project. (O. Magana - DWR UCIP)

04/11/2017 Water levels were high on WS during inspection so pipe ends could not be inspected. Believe that the sandbags are still in place and condition of flap gates is unknown. (A. Freitag - DWR Sutter Yard)

10/2016 WS pipe end was underwater for the inspection but the sandbags appear to still be in place. (A. Freitag - DWR Sutter Yard)

04/18/2016 No repairs have been made to the pipe yet. (A. Freitag - DWR Sutter Yard)

05/12/2015 Water level high in WS ditch so could not see WS end of crossing. Do

Photo 1 of 1 : UCIP\_FA\_2024\_85230\_126269.jpg



LS view: Depression located behind the concrete headwall approximately 20 feet from toe; looking toward levee.

**\* Location**

LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
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not believe that repairs have been made yet. (A. Freitag - DWR Sutter Yard) 1/17/2014 Same as last inspection. (A. Freitag - DWR Sutter Yard) 05/14/2014 Same as last inspection. (A. Freitag - DWR Sutter Yard) 10/30/2013 Same as last inspection. (A. Freitag - DWR Sutter Yard) 05/21/2013 SBFCA project recommends replacing in accordance with title 23. High water levels in WS ditch have pipe ends underwater but repairs have not yet been completed but are planned for when water levels drop. (A. Freitag - DWR Sutter Yard) 10/10/2012 Flap gates not visible on waterward headwall and it appears as though they have been replaced by sandbags. Slide gates on LS appear to be closed yet water leaks excessively from the WS at the sandbagged headwall. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 2 of 2: 18-inch steel drainage pipe through the levee, 32 feet below the crown. Flap gate on the waterside (WS) end. Slide gate on the landside (LS) end at concrete headwall. Concrete "U" headwall at the WS toe. [Additional Reference(s): DWR Levee Log, 2005 (HLM 0.80). USACE Sacramento O&M Manual 143, August 1955, Revised

* 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