

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.85	03/11/2020 03/11/2020	Makar Sokol

LM Start	0.00	Rating **	A	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals		39.194083 °	39.194083 °	
			-121.935512 °	-121.935512 °	
DWR ID	DWR_ST0003_01_f_2016_10				
Comment Code					
Inspector Comment					
LMA has O+M manual.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment		39.194083 °	39.194083 °	
			-121.935512 °	-121.935512 °	
DWR ID	DWR_ST0003_01_f_2016_15				
Comment Code					
Inspector Comment					
LMA has a stockpile of supplies.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training		39.194083 °	39.194083 °	
			-121.935512 °	-121.935512 °	
DWR ID	DWR_ST0003_01_f_2016_16				
Comment Code					
Inspector Comment					
The LMA attends annual training and maintains emergency response plans.					

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	Left	19.85	03/11/2020 03/11/2020	Makar Sokol

LM Start	1.44	Rating **	U	Issue No.	172
LM End	1.44	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.192502 °	39.192502 °
				-121.958062 °	-121.958062 °
DWR ID	17320				

Comment Code

Inspector Comment

DS_ID:17320
 FS_ID:56013
 EP_NO: 9543
 Repair Type: Urgent
 Crossing Status: Found
 UCIP Comments: 07/29/2019 same as 2018 inspection, Urgent. No access is available to WS due to dense vegetation, assume WS pipe is still completely deteriorated. Recommend internal inspection to determine the damage, if any, through the levee. (O. Magana - DWR UCIP)08/30/2018 WS vegetation too thick to clearly inspect WS pipe so assume same condition as last inspections so crossing remains Urgent due to pipe integrity. WS levee slope looks good. No signs of levee threat to the road crown. LS headwall looks in good condition (D. Sanoski - DWR UCIP).04/24/2017 WS was underwater during the site visit but I do not believe that any repairs have been made to this crossing yet. (DWR Sutter Yard- AFreitag)11/07/2016 No repairs have been made here yet. (DWR Sutter Yard- AFreitag)06/17/2016 River levels were down and the WS pipe end was exposed. WS end is completely rotten and damaged and flap gate has fallen off the end of the pipe (see pics). Pipe needs to be replaced or repaired. (DWR Sutter Yard - afreitag)04/05/2016 Erosion on WS slope still present. Pipe still fully submerged on WS and discharging into river during site visit. (DWR UCIP - kfazel)04/06/2015 Pipe leaks during high water. DWR employee said he suspects that the flap gate has rotted and fallen off WS end of pipe. Could not locate WS end of pipe to confirm. Water was flowing through this drain during field survey. (DWR Sutter Yard - afreitag)06/30/2014 Same as last inspection. (DWR Sutter Yard - afreitag)12/30/2013 Same as last inspection. (DWR Sutter Yard - afreitag)07/29/2013 Same as last inspection. (DWR Sutter Yard - afreitag) 12/13/2012 Water was flowing through this drain during field survey. (DWR UCIP - pamatya)
 FIELD_STRUCT_DESC: 30-inch corrugated metal drainage pipe (at 45 degrees) through the levee, 25.2 feet below the crown. Flap gate on the waterside (WS), not found in 2016. (30-inch pipe [HLM 1.38] authorized under Automatic Board Order (ABO) issued as Permit No. 9543, 1974 - Harada). [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual 136, revision March 1960 (HLM 1.38)]
 FS Date: 7/29/2019 11:08:00 AM

Photo 1 of 3 : UCIP_SP_2020_56013_46992.jpg



WS view: overview of river bank

* 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
Unit No. 01 Sacramento River		Left	19.85	03/11/2020 03/11/2020	Makar Sokol

LM Start	1.44	Rating **	U	Issue No.	172 (cont)
LM End	1.44	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.192502 °	39.192502 °
				-121.958062 °	-121.958062 °
DWR ID	17320				

Photo 2 of 3 : UCIP_SP_2020_56013_46991.jpg



WS view: water flowing from outlet pipe (pipe fully submerge)

LM Start	1.44	Rating **	U	Issue No.	172 (cont)
LM End	1.44	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_56013_46990.jpg



LS view: overview of levee slope

LM Start	2.42	Rating **	M	Issue No.	86
LM End	2.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.187718 °	39.187824 °
				-121.974005 °	-121.974343 °
DWR ID	DWR_ST0003_01_f_2016_86				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.85	03/11/2020 03/11/2020	Makar Sokol

LM Start	2.56	Rating **	M	Issue No.	177 (cont)
LM End	2.56	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.188768 °	39.188768 °
				-121.976305 °	-121.976305 °
DWR ID	17309				

Photo 2 of 3 : UCIP_SP_2020_56018_47026.jpg



WS view: overview- concrete surg tank

LM Start	2.56	Rating **	M	Issue No.	177 (cont)
LM End	2.56	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_56018_47025.jpg



WS view: slide gate inside concrete surg tank

LM Start	2.84	Rating **	M	Issue No.	104
LM End	2.84	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.191162 °	39.191162 °
				-121.980365 °	-121.980365 °
DWR ID	DWR_ST0003_01_s_2018_104				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2020_ST0003_264_104_20200226_00020.jpg



View of the erosion along the waterside slope caused by vehicle traffic.

* 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 East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.85	03/11/2020 03/11/2020	Makar Sokol

LM Start	3.32	Rating **	U	Issue No.	179
LM End	3.32	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.196865 °	39.196865 °	
			-121.985280 °	-121.985280 °	
DWR ID	17311				
Comment Code					
Inspector Comment					
<p>DS_ID:17311 FS_ID:56020 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 07/30/2019 Record remains Urgent due to pipe integrity. DMP internal inspection was completed. Internal inspection noted surface damage corrosion and hole void visible, refer to DMP internal inspection report. New gate installed to control flood water entering pipe and flooding LS. No permit has been identified authorizing pipe. Pipe was not in use/clogged prior to the 2017 high water event. Owner will need to coordinate with CVFPB to properly remove or abandon pipe per Title 23 requirements. (O. Magana - DWR UCIP)08/30/2018 Pipe found; at a different Lat/Long than is listed, however. Revised Lat/Long is (39.196865, -121.985280; CLM 3.32). WS pipe end is visible and has a functioning slide gate; LS pipe end is exposed with no closure device or headwall. Keeping as Urgent because the LS pipe discharges into a hole and could pose a threat to the levee prism during a high water event. There are also cracks on the crown that could be related to the pipe beneath. Recommend an internal pipe inspection to be sure of the levee integrity (D.Sanoski - DWR UCIP).04/06/2017 Pipe was found in January 2017 during a high water event when water uncovered the buried WS end which led to uncontrolled water flow through during the high water event. The WS pipe opening was temporarily blocked off by plywood and sandbags until the pipe can be properly plugged or abandoned. Pics updated. (DWR Sutter Yard- Afreitag)11/07/2016 Unable to locate. (DWR Sutter Yard- Afreitag)06/06/2016 Unable to locate.04/06/2015 Unable to locate.06/30/2014 Unable to locate.12/30/2013 Unable to locate.07/29/2013 Same as last inspection. Unable to locate. FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 12.4 feet below the crown. Slide gate on the waterside (WS) end. (Automatic Board Order (ABO) issued as Permit No. 9539, 1974 - Locvich). [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual 136, March 1960 (HLM 3.25)]. FS Date: 7/30/2019 10:49:00 AM</p>					

Photo 1 of 3 : UCIP_SP_2020_56020_76919.jpg



LS view of water exiting the pipe.

<p>* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown</p>	<p>** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain</p>	<p>+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement</p>
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Unit No. 01 Sacramento River	Left	19.85	03/11/2020 03/11/2020	Makar Sokol

LM Start	3.68	Rating **	M	Issue No.	181
LM End	3.68	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.201650 °	39.201650 °
				-121.984075 °	-121.984075 °
DWR ID	17313				
Comment Code					
Inspector Comment					
<p>DS_ID:17313 FS_ID:56022 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/30/2019 Record remains Non-Urgent, pipe has been abandoned. Coordinates have been updated from 39.201831, -121.984006 to 39.2016497, -121.9840750 based on the DMP Geophysics Study and UCIP field confirmation. Per the DMP Geophysics Study the pipe is still present through the levee. LMA will need to monitor levee section until funds become available to remove or properly abandon pipe through the levee. (O. Magana - DWR UCIP)04/24/2017 Slide gate structure found on WS about 10ft from levee toe. Vegetation was too thick to see if there were any more appurtances associated with this crossing visible on the WS. Nothing was visible on the LS. House located above pipe alignment at LS levee toe. Crossing appears abandoned and should be done so properly. (DWR Sutter Yard- AFreitag)11/07/2016 Unable to locate. (DWR Sutter Yard- AFreitag)06/06/2016 Unable to locate.04/06/2015 Unable to locate.06/30/2014 Unable to locate.12/30/2013 Unable to locate07/29/2013 Same as last inspection. Unable to locate. FIELD_STRUCT_DESC: *ABANDONED* 18-inch corrugated metal drainage pipe through the levee, 15 feet below the crown. Slide gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual 136, March 1960 (HLM 3.6)]. FS Date: 7/30/2019 10:52:00 AM</p>					

Photo 1 of 3 : UCIP_SP_2020_56022_77004.jpg



Slide gate structure found on WS

LM Start	3.68	Rating **	M	Issue No.	181 (cont)
LM End	3.68	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_56022_80177.jpg



Overview of levee crown looking d/s towards crossing.

<p>* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown</p>	<p>** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain</p>	<p>+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement</p>
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Unit No. 01 Sacramento River	Left	19.85	03/11/2020 03/11/2020	Makar Sokol

LM Start	3.68	Rating **	M	Issue No.	181 (cont)
LM End	3.68	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.201650 °	39.201650 °
				-121.984075 °	-121.984075 °
DWR ID	17313				

Photo 3 of 3 : UCIP_SP_2020_56022_77005.jpg



View of WS from levee shoulder

LM Start	4.74	Rating **	M	Issue No.	105
LM End	4.84	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.213390 °	39.214107 °
				-121.991860 °	-121.993489 °
DWR ID	DWR_ST0003_01_f_2016_105				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	5.85	Rating **	M	Issue No.	137
LM End	6.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.220647 °	39.223738 °
				-122.006824 °	-121.999038 °
DWR ID	DWR_ST0003_01_s_2020_137				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2020_ST0003_264_137_20200313_00280.jpg



View of the vegetation along the landside slope. Spring 2020.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Sacramento River	Left	19.85	03/11/2020 03/11/2020	Makar Sokol

LM Start	6.47	Rating **	C	Issue No.	99
LM End	6.47	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.224719 °	39.224719 °	
			-121.998623 °	-121.998623 °	
DWR ID	DWR_ST0003_01_f_2016_99				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	6.76	Rating **	A/W	Issue No.	136
LM End	6.79	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		39.228311 °	39.228730 °	
			-121.998555 °	-121.998109 °	
DWR ID	DWR_ST0003_01_s_2020_136				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Rodent activity seems to be the source of the problem. Local runoff/rainfall eroded the rodent holes to an advanced state of erosion that could continue with future exposure to wet conditions. Simple fix for the issue would be to grout the holes. Problem levee is a set-back levee. Site Designation:DWR_ST0003_01_s_2012_30					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Sacramento River	Left	19.85	03/11/2020 03/11/2020	Makar Sokol

LM Start	7.72	Rating **	M	Issue No.	205 (cont)
LM End	7.72	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.239458 °	39.239458 °
				-121.993398 °	-121.993398 °
DWR ID	17301				

Photo 2 of 3 : UCIP_SP_2020_55543_77009.jpg



Depression around WS concrete box

LM Start	7.72	Rating **	M	Issue No.	205 (cont)
LM End	7.72	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_55543_77010.jpg



WS concrete box full of silt.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Sacramento River	Left	19.85	03/11/2020 03/11/2020	Makar Sokol

LM Start	8.32	Rating **	M	Issue No.	208 (cont)
LM End	8.32	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.246317 °	39.246317 °
				-121.998825 °	-121.998825 °
DWR ID	17304				

Photo 2 of 3 : UCIP_SP_2020_55547_47201.jpg



WS view: overview of CMP riser

LM Start	8.32	Rating **	M	Issue No.	208 (cont)
LM End	8.32	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_55547_47200.jpg



LS view: overview of concrete box

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Sacramento River	Left	19.85	03/11/2020 03/11/2020	Makar Sokol

LM Start	8.52	Rating **	M	Issue No.	211
LM End	8.52	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.249125 °	39.249125 °	
			-121.999031 °	-121.999031 °	
DWR ID	17295				

Comment Code

Inspector Comment

DS_ID:17295
 FS_ID:55550
 EP_NO: 9529
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: 07/31/2019 Record has been updated to from No Action Needed to Non-Urgent; internal inspection found some issues with the pipe. Pipe has been noted as abandoned since 2012. Recommend LMA prepare a contingency plan for increased inspections during high-water to identify any pipe integrity or levee integrity issues that might arise with abandoned pipe. Record will remain in UCIP's list as part of future inspections until the pipe is properly removed or abandoned according to Title 23 requirements. Need to clarify ownership for this crossing. (O. Magana - DWR UCIP)09/21/2017 Permit review indicates this 24-inch pipe was authorized as an irrigation and drainage pipe under ABO issued as Permit No. 9529, structure description was updated. Structure type logged as drainage. (DWR UCIP - O. Magana)
 04/19/2017 Abandoned- needs to be done so properly. (DWR Sutter Yard- Afreitag)10/31/2016 Abandoned. (DWR Sutter Yard-Afreitag)06/13/2016 Pipe was exposed and camera inspected by Nor-Cal Pipeline Services 10/29/2015. Photos of the exposed pipe ends were uploaded on 4/1/2015. The internal inspection showed some signs of rust but no visible holes or deterioration were found. After the inspection the pipe ends were capped and reburied.06/09/2016 Khalida Fazel of UCIP requests that any photos of the pipe when it was exposed for a video inspection be kindly uploaded here.04/04/2016 Proper abandonment of pipe is needed. Pipe has been buried again after it was dug up and video inspected, so was not visible on LS. Note that landowner has regraded LS slope so drainage is now to the east (toward LS).04/01/2015 Both WS and LS pipe ends have been dug up in preparation for an internal camera inspection. Pipe shows signs of heavy rust and both ends of pipe are plugged with soil.06/30/2014 Same as last inspection.12/18/2013 Same as last inspection.07/23/2013 Same as last inspection.12/12/2012 Only a CMP riser with slide gate found on WS. (P. Amatya - DWR UCIP) FIELD_STRUCT_DESC: *ABANDONED* 24-inch irrigation and drainage pipe through the levee, invert 11.5 feet below the crown. Slide gate in a corrugated metal pipe (CMP) riser on the waterside (WS) slope. (24-inch pipe [HLM 8.55] authorized under Automatic Board Order (ABO) issued as Permit No. 9529, 1974 - Dorwood Ranching Co.) [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual 136, March 1960 (HLM 8.55)]
 FS Date: 7/31/2019 8:38:00 AM

Photo 1 of 3 : UCIP_SP_2020_55550_47208.jpg



WS view: overview of CMP riser

* 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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Unit No. 01 Sacramento River	Left	19.85	03/11/2020 03/11/2020	Makar Sokol

LM Start	8.56	Rating **	M	Issue No.	212 (cont)
LM End	8.56	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.249678 °	39.249678 °
				-121.999021 °	-121.999021 °
DWR ID	17327				

Photo 2 of 3 : UCIP_SP_2020_55552_47209.jpg



WS view: burried slide gate

LM Start	8.56	Rating **	M	Issue No.	212 (cont)
LM End	8.56	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_55552_73649.jpg



WS pipe end

LM Start	8.63	Rating **	M	Issue No.	139
LM End	8.63	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.250656 °	39.250656 °
				-121.998400 °	-121.998400 °
DWR ID	DWR_ST0003_01_s_2020_139				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2020_ST0003_264_139_20200313_00281.jpg



View of the levee slope damaged by vehicular traffic. Spring 2020.

* 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 2020

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.85	03/11/2020 03/11/2020	Makar Sokol

LM Start	8.92	Rating **	N	Issue No.	92
LM End	8.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.254563 °	39.254563 °	
			-121.997493 °	-121.997493 °	
DWR ID	DWR_ST0003_01_f_2016_92				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	9.03	Rating **	N	Issue No.	91
LM End	9.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.256141 °	39.256141 °	
			-121.997785 °	-121.997785 °	
DWR ID	DWR_ST0003_01_f_2016_91				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	9.17	Rating **	N	Issue No.	90
LM End	9.17	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.257688 °	39.257688 °	
			-121.999331 °	-121.999331 °	
DWR ID	DWR_ST0003_01_f_2016_90				
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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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.85	03/11/2020 03/11/2020	Makar Sokol

LM Start	9.37	Rating **	M	Issue No.	217
LM End	9.37	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.260034 °	39.260034 °	
			-122.000970 °	-122.000970 °	
DWR ID	17355				
Comment Code					
Inspector Comment					
<p>DS_ID:17355 FS_ID:55554 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/31/2019 Record has been updated to Non-Urgent; internal inspection found some issues with pipe. Pipe has been abandoned since 2012 (both inlet/outlet have been covered to avoid soil buildup inside). Record will remain in UCIP's list as part of future inspections until the pipe is properly removed or abandoned according to Title 23 requirements. Need to clarify ownership for this crossing. (O. Magana - DWR UCIP)04/19/2017 Abandoned- needs to be done so properly. (DWR Sutter Yard- Afreitag)10/31/2016 Abandoned. (DWR Sutter Yard- Afreitag)06/13/2016 Pipe was internally cleaned and camera inspected on 10/30/2015 by Nor-Cal Pipeline Services. WS cap was removed and 100.6ft of pipe were inspected starting from the WS opening. Inspection revealed rusting but no visible holes or other deterioration were found. Pipe was recapped after the inspection. This pipe is always visible so no new photos were taken during the inspection.06/09/2016 Khalida Fazel of UCIP requests that any photos of the pipe when it was exposed for a video inspection be kindly uploaded here.04/01/2015 Pipe is in same condition. It has been selected for an internal camera inspection. New 06/30/2014 Same as last inspection.12/18/2013 Same as last inspection.07/23/2013 Same as last inspection.12/11/2012 CMP pipe on WS capped with steel plate. (P. Amatya - DWR UCIP) FIELD_STRUCT_DESC: *ABANDONED* 24-inch corrugated metal drainage pipe through the levee, 13.5 feet below the crown. Slide gate on the landside (LS) headwall. Steel plate welded on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual 136, March 1960 (HLM 9.4)]. FS Date: 7/31/2019 1:54:00 PM</p>					

Photo 1 of 3 : UCIP_SP_2020_55554_47242.jpg



WS view: overview

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Sutter Maintenance Yard East Levee Sacramento River

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River		Left	19.85	03/11/2020 03/11/2020	Makar Sokol

LM Start	9.37	Rating **	M	Issue No.	217 (cont)
LM End	9.37	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.260034 °	39.260034 °
				-122.000970 °	-122.000970 °
DWR ID	17355				

Photo 2 of 3 : UCIP_SP_2020_55554_47241.jpg



WS view: overview of CMP pipe

LM Start	9.37	Rating **	M	Issue No.	217 (cont)
LM End	9.37	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_55554_47240.jpg



WS view: capped CMP pipe

LM Start	9.86	Rating **	M	Issue No.	140
LM End	10.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.266322 °	39.270412 °
				-121.997297 °	-121.999590 °
DWR ID	DWR_ST0003_01_s_2020_140				
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 2020

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.85	03/11/2020 03/11/2020	Makar Sokol

LM Start	10.35	Rating **	M	Issue No.	220
LM End	10.35	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.270492 °	39.270492 °	
			-122.001306 °	-122.001306 °	
DWR ID	17358				
Comment Code					
Inspector Comment					
<p>DS_ID:17358 FS_ID:55558 EP_NO: 9517 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/31/2019 Record has been updated from No Action Needed to Non-Urgent; slide gate handle is still damage and CMP riser lid needs to be repaired. Recommend auditing this record to determine current owner for 48-inch pipe and to obtain maintenance records for ditch and pipes running along LS toe. (O. Magana - DWR UCIP)04/19/2017 No WS end found/ slide gate handle broken. (DWR Sutter Yard- Afreitag)10/31/2016 Slide gate handle is broken and no WS pipe end can be located. (DWR Sutter Yard- Afreitag)06/01/2016 WS slide gate handle is still broken. No WS pipe end was found.04/01/2015 Slide gate handle is still broken. The rest of the pipe appears in good condition. Broken slide gate handle found on WS.06/30/2014 Same as last inspection.12/18/2013 Same as last inspection.07/23/2013 Same as last inspection. FIELD_STRUCT_DESC: 48-inch corrugated metal drainage pipe through the levee, 14 feet below the crown. Slide gate in a 60-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Slide gate in a concrete distribution box on the landside (LS) toe. (48-inch pipe [HLM 10.39] authorized under Automatic Board Order (ABO) issued as Permit No. 9517, 1974 - Griffin. [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual 136, March 1960 (HLM 10.47)]. FS Date: 7/31/2019 1:55:00 PM</p>					

Photo 1 of 3 : UCIP_SP_2020_55558_47263.jpg



Crown view: overview (both sides of the levee)

LM Start	10.35	Rating **	M	Issue No.	220 (cont)
LM End	10.35	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_55558_47262.jpg



WS view: overview of CMP riser

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.85	03/11/2020 03/11/2020	Makar Sokol

LM Start	10.35	Rating **	M	Issue No.	220 (cont)
LM End	10.35	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.270492 °	39.270492 °
				-122.001306 °	-122.001306 °
DWR ID	17358				

Photo 3 of 3 : UCIP_SP_2020_55558_47268.jpg



WS view: inside CMP riser

LM Start	10.36	Rating **	M	Issue No.	5
LM End	10.36	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.270503 °	39.270503 °
				-122.001339 °	-122.001339 °
DWR ID	DWR_ST0003_01_s_2012_5				
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 2020

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.85	03/11/2020 03/11/2020	Makar Sokol

LM Start	13.38	Rating **	M	Issue No.	233 (cont)
LM End	13.38	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.306065 °	39.306065 °
				-122.013112 °	-122.013112 °
DWR ID	17340				

Photo 2 of 3 : UCIP_SP_2020_55576_47342.jpg



WS view: overview of CMP riser and outlet pipe

LM Start	13.38	Rating **	M	Issue No.	233 (cont)
LM End	13.38	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_55576_47341.jpg



WS view: silted concrete lined CMP outlet pipe

LM Start	13.80	Rating **	M	Issue No.	141
LM End	14.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.312193 °	39.317643 °
				-122.012934 °	-122.015675 °
DWR ID	DWR_ST0003_01_s_2020_141				
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 2020

Sutter Maintenance Yard East Levee Sacramento River

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River		Left	19.85	03/11/2020 03/11/2020	Makar Sokol

LM Start	14.50	Rating **	M	Issue No.	236 (cont)
LM End	14.50	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.321429 °	39.321429 °
				-122.016079 °	-122.016079 °
DWR ID	17330				

Photo 2 of 3 : UCIP_SP_2020_55579_47361.jpg



WS view: levee mile marker

LM Start	14.50	Rating **	M	Issue No.	236 (cont)
LM End	14.50	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_55579_47360.jpg



LS view: overview of distribution box

LM Start	15.04	Rating **	M	Issue No.	157
LM End	15.04	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.328986 °	39.328986 °
				-122.017095 °	-122.017095 °
DWR ID	DWR_ST0003_01_f_2019_157				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.85	03/11/2020 03/11/2020	Makar Sokol

LM Start	16.30	Rating **	M	Issue No.	243 (cont)
LM End	16.30	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.344177 °	39.344177 °
				-122.024300 °	-122.024300 °
DWR ID	17337				

Photo 2 of 3 : UCIP_SP_2020_55591_75097.jpg



View of LS from crown at location of crossing.

LM Start	16.30	Rating **	M	Issue No.	243 (cont)
LM End	16.30	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_55591_75098.jpg



Looking up WS slope: bare spot where pipe was previously excavated, video inspected, and backfilled.

LM Start	16.56	Rating **	C	Issue No.	158
LM End	16.56	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.347119 °	39.347119 °
				-122.021241 °	-122.021241 °
DWR ID	DWR_ST0003_01_f_2019_158				
Comment Code					
TR : Tree or limb					
Inspector Comment					
The fallen tree should be removed from the waterside slope.					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.85	03/11/2020 03/11/2020	Makar Sokol

LM Start	17.58	Rating **	U	Issue No.	246 (cont)
LM End	17.58	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.353531 °	39.353531 °
				-122.009138 °	-122.009138 °
DWR ID	17329				

Photo 2 of 3 : UCIP_SP_2020_55599_47386.jpg



WS view: slide gate steel structure

LM Start	17.58	Rating **	U	Issue No.	246 (cont)
LM End	17.58	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_55599_47385.jpg



WS view: burried slide gate

LM Start	18.28	Rating **	M	Issue No.	143
LM End	18.62	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.360000 °	39.363041 °
				-122.002064 °	-121.997925 °
DWR ID	DWR_ST0003_01_s_2020_143				
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 2020

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.85	03/11/2020 03/11/2020	Makar Sokol

LM Start	19.19	Rating **	M	Issue No.	256
LM End	19.19	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.370031 °	39.370031 °	
			-121.996458 °	-121.996458 °	
DWR ID	17347				

Comment Code

Inspector Comment

DS_ID:17347
 FS_ID:55616
 EP_NO: N/A
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: 08/05/2019 Crossing has been updated from No Action Needed to Non-Urgent due to missing records indicating extent of grout plug through pipe. Only slide gate is visible on the WS. No permit has been identified for this crossing. Need to contact owner to abandon or remove pipe properly according to Title 23 requirements. (O. Magana - DWR UCIP)04/20/2017 Abandoned- plugged. (DWR Sutter Yard- AFreitag)11/01/2016 Abandoned/plugged. (DWR Sutter Yard- AFreitag)06/16/2016 Internal camera inspection was done on 11/19/2015 by Nor-Cal Pipeline Services. Pipe was inspected starting from the WS end and inspected up to the grout plug that is 13.7ft into the pipe. Pipe was then capped and reburied until further abandonment can be achieved.04/02/2015 WS end of pipe was dug up in preparation for internal camera inspection. 07/02/2014 Same as last inspection.12/19/2013 Same as last inspection.07/24/2013 Same as last inspection.12/11/2012 Only steel slide gate structure found on WS. (P. Amatya - DWR UCIP)
 FIELD_STRUCT_DESC: *ABANDONED* 36-inch corrugated metal drainage pipe through the levee, 21.7 feet below the crown. Slide gate at the waterside (WS) toe. Pipe grouted on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual 136, March 1960 (HLM 19.24)].
 FS Date: 8/5/2019 3:00:00 PM

LM Start	19.19	Rating **	M	Issue No.	256 (cont)
LM End	19.19	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2020_55616_47447.jpg



WS view: overview of abandoned slide gate structure

Photo 2 of 3 : UCIP_SP_2020_55616_47446.jpg



LS view: overview (no pipes)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.85	03/11/2020 03/11/2020	Makar Sokol

LM Start	19.55	Rating **	U	Issue No.	257
LM End	19.55	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.375221 °	39.375221 °	
			-121.995878 °	-121.995878 °	
DWR ID	17487				
Comment Code					
Inspector Comment					
<p>DS_ID:17487 FS_ID:56037 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 08/05/2019 Crossing has been upgraded from Non-Urgent to Urgent due to photos taken in 2012 that show deteriorated pipe on the WS. Unable to complete thorough inspection due to dense vegetation on the WS. No permit has been identified authorizing crossing. Crossing has been abandoned, if crossing is no longer used owner will need to coordinate with the CVFPB to remove or abandon according to Title 23 requirements. (O. Magana - DWR UCIP)04/20/2017 Abandoned- needs to be done so properly. (DWR Sutter Yard- AFreitag)11/01/2016 Abandoned.(DWR Sutter Yard- AFreitag)06/03/2016 Abandoned crossing.04/02/2015 Same as last inspection. 07/02/2014 Same as last inspection.12/19/2013 Same as last inspection.07/24/2013 Same as last inspection.12/11/2012 Slide Gate WS not found. An abandoned pump and steel pipe found on WS. A 6 ft x 8 ft concrete distribution box with a CMP found on LS. Box filled with soil. An abandoned crossing. (P. Amatya - DWR UCIP) FIELD_STRUCT_DESC: *ABANDONED* 36-inch corrugated metal drainage pipe through the levee, invert 21.7 feet below the crown. Abandoned pump and steel pipe found on the waterside (WS). 6 foot by 8 foot concrete distribution box with the 36-inch corrugated metal pipe found on the landside (LS). [Additional Reference(s): USACE Sacramento O&M Manual 136, March 1960 (HLM 19.61)]. FS Date: 8/5/2019 3:07:00 PM</p>					

Photo 1 of 3 : UCIP_SP_2020_56037_47449.jpg



WS view: overview

LM Start	19.55	Rating **	U	Issue No.	257 (cont)
LM End	19.55	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_56037_47448.jpg



WS view: abandoned and ruined pipe

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Colusa Bypass	Right	2.20	03/10/2020 03/10/2020	Makar Sokol

LM Start	0.02	Rating **	M	Issue No.	1
LM End	0.02	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.232058 °	39.232058 °	
			-121.995514 °	-121.995514 °	
DWR ID	DWR_ST0003_02_s_2012_1				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	0.03	Rating **	A	Issue No.	8
LM End	0.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.231995 °	39.231995 °	
			-121.995384 °	-121.995384 °	
DWR ID	DWR_ST0003_02_s_2020_8				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Good vegetation control for both landside and waterside slopes.					

Photo 1 of 1 : SP_2020_ST0003_265_8_20200313_00014.jpg



View of the vegetation on the waterside slope. Spring 2020.

LM Start	0.45	Rating **	C	Issue No.	6
LM End	0.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.231407 °	39.231410 °	
			-121.987615 °	-121.986825 °	
DWR ID	DWR_ST0003_02_f_2019_6				
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	+ 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 2020

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Colusa Bypass	Left	2.29	03/10/2020 03/10/2020	Makar Sokol

LM Start	0.64	Rating **	C	Issue No.	7
LM End	0.68	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.237529 °	39.237688 °	
			-121.982536 °	-121.981826 °	
DWR ID	DWR_ST0003_03_f_2019_7				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	1.84	Rating **	M	Issue No.	8
LM End	1.90	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.244886 °	39.244883 °	
			-121.967463 °	-121.966342 °	
DWR ID	DWR_ST0003_03_f_2019_8				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	1.94	Rating **	M	Issue No.	10
LM End	1.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.244888 °	39.244888 °	
			-121.965595 °	-121.965595 °	
DWR ID	DWR_ST0003_03_s_2012_10				
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 2020

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Colusa Bypass	Left	2.29	03/10/2020 03/10/2020	Makar Sokol

LM Start	2.03	Rating **	M	Issue No.	9
LM End	2.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.244882 °	39.244901 °	
			-121.963830 °	-121.959194 °	
DWR ID	DWR_ST0003_03_f_2019_9				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	2.13	Rating **	M	Issue No.	2
LM End	2.13	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.244925 °	39.244925 °	
			-121.962072 °	-121.962072 °	
DWR ID	DWR_ST0003_03_s_2015_2				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	2.22	Rating **	C	Issue No.	1
LM End	2.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.244908 °	39.244908 °	
			-121.960285 °	-121.960285 °	
DWR ID	DWR_ST0003_03_s_2019_1				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ 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 2020

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Moulton Bypass	Right	0.30	03/11/2020 03/11/2020	Makar Sokol

LM Start	0.01	Rating **	A	Issue No.	2
LM End	0.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.338131 °	39.338131 °	
			-122.021919 °	-122.021919 °	
DWR ID	DWR_ST0003_04_s_2020_2				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Good vegetation control on both landside and waterside slopes.					

Photo 1 of 1 : SP_2020_ST0003_267_2_20200313_00004.jpg



View of the vegetation on the landside slope. Spring 2020.

* 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 2020

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Moulton Bypass	Left	2.19	03/11/2020 03/11/2020	Makar Sokol

LM Start	0.01	Rating **	M	Issue No.	7
LM End	0.74	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.347115 °	39.340968 °	
			-122.015427 °	-122.009873 °	
DWR ID	DWR_ST0003_05_s_ 2020_7				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2020_ST0003_268_7_20200313_00006.jpg



View of the vegetation on the landside slope. Spring 2020.

LM Start	1.10	Rating **	M	Issue No.	3
LM End	1.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.338501 °	39.338501 °	
			-122.004106 °	-122.004106 °	
DWR ID	DWR_ST0003_05_s_ 2019_3				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	1.17	Rating **	M	Issue No.	4
LM End	1.17	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.337981 °	39.337981 °	
			-122.002929 °	-122.002929 °	
DWR ID	DWR_ST0003_05_s_ 2019_4				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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