

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 2096 Wetherbee Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	0.16	05/05/2022 05/05/2022	Alberto De Leon

LM Start		Rating **	A	Issue No.	1
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD2096_01_s_2013_1				
Comment Code					
Inspector Comment					
O&M Manual is at the LMA's office.					

No Photos

LM Start		Rating **	A	Issue No.	2
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD2096_01_s_2013_2				
Comment Code					
Inspector Comment					
Emergency supplies available.					

No Photos

LM Start		Rating **	A	Issue No.	4
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD2096_01_s_2013_4				
Comment Code					
Inspector Comment					
LMA has a flood response plan in the office. It is recommended that the LMA and interested local volunteers take a flood fight training class in order to refresh their flood fight skills and methods.					

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
----------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 2096 Wetherbee Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	0.16	05/05/2022 05/05/2022	Alberto De Leon

LM Start	0.02	Rating **	M	Issue No.	5
LM End	0.02	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.773852 °	37.773852 °
				-121.298413 °	-121.298413 °
DWR ID	22737				
Comment Code					
Inspector Comment					
FS_ID:72694 DS_ID:22737 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 03/17/2022 Record updated from No Action Needed to Non-Urgent. No permit has been identified authorizing pipe. (D.Sanoski - DWR UCIP) 10/17/2019 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). (DWR UCIP - O. Magana) 09/10/2013 - steel walkway to pump platform.- pumping plant and navigation structure area is fenced with gates at north and south end. (P. Amatya - DWR UCIP) FIELD_STRUCT_DESC: 1 of 3: 36-inch drainage discharge pipe of an unknown material through the levee, 3.5 feet below the crown. One concrete cutoff wall. Automatic pumping plant and concrete sump on the landside (LS). Vent pipes on the waterside (WS) shoulder. Concrete headwall and spill box on the WS. Flap gate on the WS end. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 3, December 1968, (HLM 0.03)]. FS Date: 3/17/2022 12:54:00 PM					

LM Start	0.02	Rating **	M	Issue No.	5 (cont)
LM End	0.02	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_72694_108919.jpg



Top of Levee: view of crown.

Photo 2 of 3 : UCIP_SP_2022_72694_108920.jpg



Land-Side: view of slope and walkway to pump.

* 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
----------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 2096 Wetherbee Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	0.16	05/05/2022 05/05/2022	Alberto De Leon

LM Start	0.02	Rating **	M	Issue No.	5 (cont)
LM End	0.02	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.773852 °	37.773852 °
				-121.298413 °	-121.298413 °
DWR ID	22737				

Photo 3 of 3 : UCIP_SP_2022_72694_108921.jpg



Water-Side: view of wooden flap gates and concrete headwall.

LM Start	0.02	Rating **	M	Issue No.	6
LM End	0.02	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.773835 °	37.773835 °
				-121.298419 °	-121.298419 °
DWR ID	22740				

Comment Code

Inspector Comment

FS_ID:72695
DS_ID:22740
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 03/17/2022 Record updated from No Action Needed to Non-Urgent. No permit has been identified authorizing pipe.
(D.Sanoski - DWR UCIP)
10/17/2019 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). (DWR UCIP - O. Magana)
09/10/2013 - steel walkway to pump platform.- pumping plant and navigation structure area is fenced with gates at north and south end.
(P. Amatya - DWR UCIP)
FIELD_STRUCT_DESC: 2 of 3: 36-inch drainage discharge pipe of an unknown material through the levee, 3.5 feet below the crown. One concrete cutoff wall. Automatic pumping plant and concrete sump on the landside (LS). Vent pipes on the waterside (WS) shoulder. Concrete headwall and spill box on the WS. Flap gate on the WS end. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 3, December 1968, (HLM 0.03)].
FS Date: 3/17/2022 1:08:44 PM

Photo 1 of 3 : UCIP_SP_2022_72695_108924.jpg



Top of Levee: view of crown.

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

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 2096 Wetherbee Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	0.16	05/05/2022 05/05/2022	Alberto De Leon

LM Start	0.02	Rating **	M	Issue No.	6 (cont)
LM End	0.02	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.773835 °	37.773835 °	
			-121.298419 °	-121.298419 °	
DWR ID	22740				

Photo 2 of 3 : UCIP_SP_2022_72695_108925.jpg



Land-Side: view of slope and walkway to pump

LM Start	0.02	Rating **	M	Issue No.	6 (cont)
LM End	0.02	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_72695_108926.jpg



Water-Side: view of headwall with wooden flap gates.

* 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
----------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 2096 Wetherbee Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	0.16	05/05/2022 05/05/2022	Alberto De Leon

LM Start	0.03	Rating **	M	Issue No.	7	
LM End	0.03	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.773818 °	37.773818 °	
				-121.298423 °	-121.298423 °	
DWR ID	22739					
Comment Code						
Inspector Comment						
FS_ID:72696						
DS_ID:22739						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: 03/17/2022 Record updated from No Action Needed to Non-Urgent. No permit has been identified authorizing pipe.						
(D.Sanoski - DWR UCIP)						
10/17/2019 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). (DWR UCIP - O. Magana)						
09/10/2013 - steel walkway to pump platform.- pumping plant and navigation structure area is fenced with gates at north and south end.						
(P. Amatya - DWR UCIP)						
FIELD_STRUCT_DESC: 3 of 3: 36-inch drainage discharge pipe of an unknown material through the levee, 3.5 feet below the crown. One concrete cutoff wall. Automatic pumping plant and concrete sump on the landside (LS). Vent pipes on the waterside (WS) shoulder. Concrete headwall and spill box on the WS. Flap gate on the WS end. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 3, December 1968, (HLM 0.03)].						
FS Date: 3/17/2022 1:20:53 PM						

Photo 1 of 3 : UCIP_SP_2022_72696_108929.jpg



Top of Levee: view of crown.

LM Start	0.03	Rating **	M	Issue No.	7 (cont)
LM End	0.03	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_72696_108930.jpg



Land-Side: view of slope and walkway to pump.

* 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
----------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 2096 Wetherbee Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	0.16	05/05/2022 05/05/2022	Alberto De Leon

LM Start	0.03	Rating **	M	Issue No.	7 (cont)
LM End	0.03	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.773818 °	37.773818 °
				-121.298423 °	-121.298423 °
DWR ID	22739				

Photo 3 of 3 : UCIP_SP_2022_72696_108931.jpg



Water-Side: view of headwall with wooden flap gates.

LM Start	0.05	Rating **	C	Issue No.	12
LM End	0.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.773464 °	37.773464 °
				-121.298497 °	-121.298497 °
DWR ID	DWR_RD2096_01_f_2020_12				
Comment Code					
T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	0.06	Rating **	N	Issue No.	9
LM End	0.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.773348 °	37.773348 °
				-121.298475 °	-121.298475 °
DWR ID	DWR_RD2096_01_s_2014_9				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : SP_2022_RD2096_117_9_20220406_00001.jpg



View of tree stump on the landside levee toe. Fall 2021

* 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
----------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------