

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2023

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 French Camp Slough	Left	1.76	05/05/2023 05/05/2023	Alberto De Leon

LM Start	0.00	Rating **	A	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD0017_01_s_2013_1				
Comment Code					
OM : O&M Manuals					
Inspector Comment					
LMA has a copy of the manual on file.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD0017_01_s_2013_2				
Comment Code					
ES : Emergency Supplies & Equipment					
Inspector Comment					
LMA has adequate flood fight supplies.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD0017_01_s_2013_3				
Comment Code					
FP : Flood Preparedness & Training					
Inspector Comment					
District staff are involved in training sponsored by DWR.					

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 French Camp Slough	Left	1.76	05/05/2023 05/05/2023	Alberto De Leon

LM Start	0.03	Rating **	C	Issue No.	11
LM End	0.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.911539°	37.911539°
				-121.291466°	-121.291466°
DWR ID	DWR_RD0017_01_f_2022_11				
Comment Code					
T2 : Tree or limb.					
Inspector Comment					

No Photos

LM Start	0.18	Rating **	M	Issue No.	4
LM End	0.18	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.913211°	37.913211°
				-121.293281°	-121.293281°
DWR ID	DWR_RD0017_01_s_2023_4				
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	0.47	Rating **	M	Issue No.	5
LM End	0.47	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.912766°	37.912766°
				-121.298321°	-121.298321°
DWR ID	DWR_RD0017_01_s_2023_5				
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

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Unit No. 01 French Camp Slough	Left	1.76	05/05/2023 05/05/2023	Alberto De Leon

LM Start	0.75	Rating **	M	Issue No.	7
LM End	0.75	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.915102°	37.915102°
				-121.302358°	-121.302358°
DWR ID	DWR_RD0017_01_s_2023_7				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	1.39	Rating **	U	Issue No.	13
LM End	1.39	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.915930°	37.915930°
				-121.313923°	-121.313923°
DWR ID	DWR_RD0017_01_s_2021_13				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	1.64	Rating **	U	Issue No.	14
LM End	1.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.915997°	37.915997°
				-121.318455°	-121.318455°
DWR ID	DWR_RD0017_01_s_2021_14				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.27	05/05/2023 05/05/2023	Alberto De Leon

LM Start	1.09	Rating **	M	Issue No.	12
LM End	1.09	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.902282°	37.902282°
				-121.325493°	-121.325493°
DWR ID	DWR_RD0017_02_s_2023_12				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP_2023_RD0017_304_12_20230511_00042.jpg



View of ivy covering waterside slope. Spring 2023

LM Start	1.48	Rating **	C	Issue No.	61
LM End	1.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.896801°	37.896801°
				-121.326970°	-121.326970°
DWR ID	DWR_RD0017_02_f_2022_61				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	3.68	Rating **	M	Issue No.	14
LM End	3.68	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.867936°	37.867936°
				-121.326925°	-121.326925°
DWR ID	DWR_RD0017_02_s_2023_14				
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

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.27	05/05/2023 05/05/2023	Alberto De Leon

LM Start	4.04	Rating **	M	Issue No.	15
LM End	4.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.864908°	37.864908°
				-121.323251°	-121.323251°
DWR ID	DWR_RD0017_02_s_2023_15				
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					

Photo 1 of 1 : SP_2023_RD0017_304_15_20230511_00045.jpg



View of untrimmed tree along the landside slope. Spring 2023

LM Start	4.08	Rating **	U	Issue No.	16
LM End	4.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.864613°	37.864613°
				-121.322513°	-121.322513°
DWR ID	DWR_RD0017_02_s_2023_16				
Comment Code					
T2 : Tree or limb.					
Inspector Comment					

Photo 1 of 1 : SP_2023_RD0017_304_16_20230511_00046.jpg



View of large broken tree branch along the landside slope. Spring 2023

LM Start	4.42	Rating **	M	Issue No.	17
LM End	4.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.861120°	37.861120°
				-121.319677°	-121.319677°
DWR ID	DWR_RD0017_02_s_2023_17				
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

* 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	
		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. 02 San Joaquin River	Right	14.27	05/05/2023 05/05/2023	Alberto De Leon

LM Start	5.51	Rating **	C	Issue No.	67
LM End	5.51	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		37.850179°	37.850179°	
			-121.320202°	-121.320202°	
DWR ID	DWR_RD0017_02_f_2020_67				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	7.58	Rating **	U	Issue No.	25
LM End	7.60	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.828095°	37.827920°	
			-121.309945°	-121.309847°	
DWR ID	DWR_RD0017_02_s_2012_25				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	8.04	Rating **	U	Issue No.	84
LM End	8.04	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.824344°	37.824344°	
			-121.312455°	-121.312455°	
DWR ID	DWR_RD0017_02_f_2017_84				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

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Unit No. 02 San Joaquin River	Right	14.27	05/05/2023 05/05/2023	Alberto De Leon

LM Start	8.08	Rating **	U	Issue No.	77
LM End	8.09	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.824607°	37.824655°
				-121.313147°	-121.313381°
DWR ID	DWR_RD0017_02_s_2021_77				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	13.28	Rating **	M	Issue No.	11
LM End	13.28	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.779470°	37.779470°
				-121.299953°	-121.299953°
DWR ID	809				
Comment Code					
Inspector Comment					
DS_ID:809					
FS_ID:67818					
EP_NO: N/A					
Repair Type: Non-Urgent					
EVAL Issue:					
Crossing Status: Found					
UCIP Comments: 06/07/2021 Record remains Non-Urgent. Crossing appears abandoned. (D.Sanoski - DWR UCIP)					
02/04/2010 No information was obtained from desk study. This crossing was found during field visit. Need to contact owner to obtain additional details about crossing (installation date and permit) and status. (O.Magana - DWR UCIP)					
FIELD_STRUCT_DESC: [Reclamation District No. 17 Drainage Plant] 18-inch drainage pipe of unknown material through the levee, 5.8 feet below the crown. Gate valve and siphon breaker on the waterside (WS) slope. Flap gate on the WS end. One CM cutoff wall. Pump on the landside (LS). (18-inch pipe Installed by USACE in 1961 -- no permit found). [Additional Reference(s): DWR Levee Log, 1981 (HLM 13.34). USACE San Joaquin O&M Manual, Unit 002, May 1963, Revised 29 December 2016, (HLM 13.36), listed as 18-inch pipe].					
FS Date: 6/7/2021 3:23:00 PM					

Photo 1 of 3 : UCIP_SP_2023_67818_100030.jpg



Top of Levee: view of crown.

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Unit No. 02 San Joaquin River	Right	14.27	05/05/2023 05/05/2023	Alberto De Leon

LM Start	13.28	Rating **	M	Issue No.	11 (cont)
LM End	13.28	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.779470°	37.779470°
				-121.299953°	-121.299953°
DWR ID	809				

Photo 2 of 3 : UCIP_SP_2023_67818_100052.jpg



Water-Side: view of pipe in water at toe.

LM Start	13.28	Rating **	M	Issue No.	11 (cont)
LM End	13.28	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2023_67818_100031.jpg



Land-Side: view of slope.

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