

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2021

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 French Camp Slough	Left	1.76	03/24/2021 03/24/2021	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					
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					
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					
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	03/24/2021 03/24/2021	Alberto De Leon

LM Start	1.39	Rating **	M	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 **	M	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

* 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. 02 San Joaquin River	Right	14.27	03/24/2021 03/24/2021	Alberto De Leon

LM Start	0.25	Rating **	C	Issue No.	2
LM End	0.26	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.913048 °	37.913048 °
				-121.323561 °	-121.323561 °
DWR ID	RD0017U02RM43.51				
Comment Code					
Inspector Comment					
09/24/2020: The repair is holding up well; no new erosion is visible. The site will be removed from the erosion survey list in 2021.					

No Photos

LM Start	0.91	Rating **	C	Issue No.	1
LM End	0.91	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.904310 °	37.904310 °
				-121.323386 °	-121.323386 °
DWR ID	RD0017U02RM44.14				
Comment Code					
Inspector Comment					
09/24/2020: The repair is holding up well; no new erosion is visible. The site will be removed from the erosion survey list in 2021.					

No Photos

LM Start	4.43	Rating **	M	Issue No.	72	
LM End	4.43	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Animal Control			37.861056 °		37.861056 °
				-121.319442 °		-121.319442 °
DWR ID	DWR_RD0017_02_s_2021_72					
Comment Code						
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.						
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	03/24/2021 03/24/2021	Alberto De Leon

LM Start	4.51	Rating **	M	Issue No.	74
LM End	4.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.860561 °	37.860561 °	
			-121.318099 °	-121.318099 °	
DWR ID	DWR_RD0017_02_s_2021_74				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	5.49	Rating **	C	Issue No.	71
LM End	5.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.850507 °	37.850507 °	
			-121.320397 °	-121.320397 °	
DWR ID	DWR_RD0017_02_s_2020_71				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	5.51	Rating **	N	Issue No.	67
LM End	5.51	Issue Type +	Ma	Location *	LS
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

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Unit No. 02 San Joaquin River	Right	14.27	03/24/2021 03/24/2021	Alberto De Leon

LM Start	7.52	Rating **	C	Issue No.	68
LM End	7.52	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Crown Surface / Depressions / Rutting		37.828993 °	37.828993 °	
			-121.310318 °	-121.310318 °	
DWR ID	DWR_RD0017_02_f_2020_68				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

LM Start	7.58	Rating **	M	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 **	M	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	03/24/2021 03/24/2021	Alberto De Leon

LM Start	8.08	Rating **	M	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	9.23	Rating **	M	Issue No.	78
LM End	9.23	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.815320 °	37.815320 °	
			-121.316541 °	-121.316541 °	
DWR ID	DWR_RD0017_02_s _ 2021_78				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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LM Start	13.28	Rating **	M	Issue No.	66	
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						
FS_ID:40715 DS_ID:809 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 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. FIELD_STRUCT_DESC: *ABANDONED* [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; existing 18-inch pipe removed under Permit No. 14450, 1988 - R. H. Brown, two 18-inch pipes installed) [Additional Reference(s): DWR Levee Logs, 1981, 2003. USACE San Joaquin O&M Manual Unit No. 2, May 1963, (HLM 13.36)] FS Date: 2/4/2010						

LM Start	13.28	Rating **	M	Issue No.	66 (cont)
LM End	13.28	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2021_40715_72548.jpg



View of levee crown at crossing.

Photo 2 of 3 : UCIP_SP_2021_40715_72551.jpg



View of waterward side, photo 1 of 2.

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LM Start	13.28	Rating **	M	Issue No.	66 (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 3 of 3 : UCIP_SP_2021_40715_72549.jpg



View of waterward side, photo 2 of 2.

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