

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 2075 McMullin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.45	04/13/2021 04/13/2021	Alberto De Leon

LM Start		Rating **	A	Issue No.	10
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD2075_01_f_2014_10				
Comment Code					
Inspector Comment					
RD 2075 has emergency supplies stored in their building.					

No Photos

LM Start		Rating **	A	Issue No.	11
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD2075_01_f_2014_11				
Comment Code					
Inspector Comment					
RD 2075 has regular training for their work crews.					

No Photos

LM Start		Rating **	A	Issue No.	55
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD2075_01_s_2021_55				
Comment Code					
Inspector Comment					
RD 2075 has the O&M Manual on file.					

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 San Joaquin River	Right	7.45	04/13/2021 04/13/2021	Alberto De Leon

LM Start	0.02	Rating **	M	Issue No.	38
LM End	0.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.749402 °	37.749325 °	
			-121.288999 °	-121.289122 °	
DWR ID	DWR_RD2075_01_s_2021_38				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	0.06	Rating **	M	Issue No.	14
LM End	0.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.748965 °	37.748965 °	
			-121.289564 °	-121.289564 °	
DWR ID	DWR_RD2075_01_f_2020_14				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	0.12	Rating **	C	Issue No.	17
LM End	0.23	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.748176 °	37.746547 °	
			-121.289697 °	-121.289465 °	
DWR ID	DWR_RD2075_01_f_2020_17				
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	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 San Joaquin River	Right	7.45	04/13/2021 04/13/2021	Alberto De Leon

LM Start	0.12	Rating **	M	Issue No.	18
LM End	0.23	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.748152 °	37.746547 °
				-121.289682 °	-121.289465 °
DWR ID	DWR_RD2075_01_f_2020_18				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Berry bushes are obstructing visibility of landside easement.					

Photo 1 of 1 : SP_2021_RD2075_315_18_20210419_00042.jpg



View of berry bushes along the landside easement. Spring 2021

LM Start	0.13	Rating **	M	Issue No.	41
LM End	0.13	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.748072 °	37.748072 °
				-121.289657 °	-121.289657 °
DWR ID	DWR_RD2075_01_s_2021_41				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.16	Rating **	M	Issue No.	44
LM End	0.16	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.747633 °	37.747633 °
				-121.289462 °	-121.289462 °
DWR ID	DWR_RD2075_01_s_2021_44				
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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.45	04/13/2021 04/13/2021	Alberto De Leon

LM Start	0.63	Rating **	C	Issue No.	21
LM End	0.63	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.742429 °	37.742429 °	
			-121.286663 °	-121.286663 °	
DWR ID	DWR_RD2075_01_f_2020_21				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	0.63	Rating **	C	Issue No.	22
LM End	0.63	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		37.742424 °	37.742424 °	
			-121.286658 °	-121.286658 °	
DWR ID	DWR_RD2075_01_f_2020_22				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.84	Rating **	M	Issue No.	48
LM End	0.84	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.741619 °	37.741619 °	
			-121.283024 °	-121.283024 °	
DWR ID	DWR_RD2075_01_s_2021_48				
Comment Code					
TR : Tree or limb					
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. 01 San Joaquin River	Right	7.45	04/13/2021 04/13/2021	Alberto De Leon

LM Start	0.98	Rating **	M	Issue No.	49							
LM End	0.98	Issue Type +	Ma	Location *	LS							
Category	Earthen Levee		GPS Latitude/Longitude									
			Start	End								
Item	Encroachments		37.740128 °	37.740128 °								
			-121.281296 °	-121.281296 °								
DWR ID	DWR_RD2075_01_s_2021_49											
Comment Code												
PR : Prunings												
Inspector Comment												

No Photos

LM Start	1.05	Rating **	M	Issue No.	50							
LM End	1.05	Issue Type +	Ma	Location *	LS							
Category	Earthen Levee		GPS Latitude/Longitude									
			Start	End								
Item	Encroachments		37.739255 °	37.739255 °								
			-121.281484 °	-121.281484 °								
DWR ID	DWR_RD2075_01_s_2021_50											
Comment Code												
TR : Tree or limb												
Inspector Comment												

Photo 1 of 1 : SP_2021_RD2075_315_50_20210419_00043.jpg



View of tree limb along the within the landside easement. Spring 2021

LM Start	1.09	Rating **	M	Issue No.	51							
LM End	1.09	Issue Type +	Ma	Location *	LS							
Category	Earthen Levee		GPS Latitude/Longitude									
			Start	End								
Item	Trim / Thin Trees		37.738695 °	37.738695 °								
			-121.281774 °	-121.281774 °								
DWR ID	DWR_RD2075_01_s_2021_51											
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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.45	04/13/2021 04/13/2021	Alberto De Leon

LM Start	1.29	Rating **	M	Issue No.	27
LM End	1.29	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		37.735910 °	37.735910 °	
			-121.281873 °	-121.281873 °	
DWR ID	DWR_RD2075_01_f_2020_27				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.35	Rating **	M	Issue No.	29
LM End	1.35	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Repair Gates		37.735392 °	37.735392 °	
			-121.282819 °	-121.282819 °	
DWR ID	DWR_RD2075_01_f_2020_29				
Comment Code					
Inspector Comment					

No Photos

LM Start	1.42	Rating **	M	Issue No.	31
LM End	1.47	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.735110 °	37.734889 °	
			-121.284051 °	-121.284876 °	
DWR ID	DWR_RD2075_01_f_2020_31				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.45	04/13/2021 04/13/2021	Alberto De Leon

LM Start	1.45	Rating **	M	Issue No.	37
LM End	1.45	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.735012 °	37.735012 °	
			-121.284570 °	-121.284570 °	
DWR ID	DWR_RD2075_01_s _ 2021_37				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	1.93	Rating **	U	Issue No.	52
LM End	1.93	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.735849 °	37.735849 °	
			-121.291765 °	-121.291765 °	
DWR ID	DWR_RD2075_01_s _ 2021_52				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2021_RD2075_315_52_20210419_00045.jpg



View of large animal burrows on the landside slope. Spring 2021

*** 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 San Joaquin River	Right	7.45	04/13/2021 04/13/2021	Alberto De Leon

LM Start	2.32	Rating **	M	Issue No.	5	
LM End	2.32	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.731314 °		37.731314 °
				-121.293713 °		-121.293713 °
DWR ID	24737					
Comment Code						
Inspector Comment						
FS_ID:24666						
DS_ID:24737						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: - service pole on landside.- looks abandoned.						
Walkway in dilapidated condition.						
FIELD_STRUCT_DESC: 16-inch steel drainage discharge pipe through the levee, 4.5 feet below the crown. Corrugated metal cutoff wall. Pump mounted on a pile structure in a drainage ditch on the landside (LS).						
Siphon breaker in a corrugated metal pipe (CMP) riser on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 3, December 1968, (HLM 2.30)].						
FS Date: 11/13/2013						

LM Start	2.32	Rating **	M	Issue No.	5 (cont)
LM End	2.32	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2021_24666_45600.jpg



WS view: concrete standpipe (top) and steel pipe riser (bottom marked) on levee slope.

Photo 2 of 3 : UCIP_SP_2021_24666_44030.jpg



WS view: blocked siphon breaker in steel pipe riser on levee slope.

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.45	04/13/2021 04/13/2021	Alberto De Leon

LM Start	2.74	Rating **	A/W	Issue No.	16
LM End	2.84	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.725200 °	37.724000 °
				-121.294400 °	-121.293200 °
DWR ID	LMA-307				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Slope protection repairs are needed along the waterside slope due to erosion. Based upon levee inspections, it was determined the waterside levee slopes were eroding, deteriorating and degrading in concave pocket sections at various locations along this levee reach. The eroded levee sections need to be restored back to design standards to prevent further deterioration of the damaged levee sections. Low priority because of the wide berm. Could not see all of the bank because of vegetation. Rock was placed on LS here during this years (2017) storms					
Site ID No:480 & 81, Site Designation: LMA-307 & LMA-35					

Photo 1 of 1 : SP_2021_RD2075_315_16_20210210_00012.jpg



View of waterside slope looking upstream. Spring 2020

LM Start	3.06	Rating **	M	Issue No.	53
LM End	3.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.722114 °	37.722114 °
				-121.290004 °	-121.290004 °
DWR ID	DWR_RD2075_01_s_2021_53				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to 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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Unit No. 01 San Joaquin River	Right	7.45	04/13/2021 04/13/2021	Alberto De Leon

LM Start	3.18	Rating **	C	Issue No.	34							
LM End	3.18	Issue Type +	Ma	Location *	LS							
Category	Earthen Levee		GPS Latitude/Longitude									
			Start	End								
Item	Animal Control		37.720767 °	37.720767 °								
			-121.288726 °	-121.288726 °								
DWR ID	DWR_RD2075_01_f_2020_34											
Comment Code												
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.												
Inspector Comment												

No Photos

LM Start	3.90	Rating **	A/W	Issue No.	19							
LM End	4.04	Issue Type +	Ma	Location *	WS							
Category	Earthen Levee		GPS Latitude/Longitude									
			Start	End								
Item	Erosion / Bank Caving		37.713388 °	37.714630 °								
			-121.280018 °	-121.278263 °								
DWR ID	LMA-483											
Comment Code												
E1 : Note and monitor erosion site.												
Inspector Comment												
Slope protection repairs are needed along the waterside slope due to erosion and riprap displacement from high water. Based upon levee inspections, it was determined the waterside levee slope is eroding, deteriorating, and degrading. The eroded levee sections need to be restored back to design standards to prevent further deterioration and damage.												
Site ID No: 576 & 577, Site Designation: LMA-482 & LMA-483												

Photo 1 of 1 : LEVAL_SP_2021_577_4471.jpg



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Unit No. 01 San Joaquin River	Right	7.45	04/13/2021 04/13/2021	Alberto De Leon

LM Start	4.11	Rating **	M	Issue No.	35							
LM End	4.11	Issue Type +	Ma	Location *	WS							
Category	Earthen Levee		GPS Latitude/Longitude									
			Start	End								
Item	Trim / Thin Trees		37.715603 °	37.715603 °								
			-121.278441 °	-121.278441 °								
DWR ID	DWR_RD2075_01_f_2020_35											
Comment Code												
T1 : Trim trees to at least five feet above ground level.												
Inspector Comment												

No Photos

LM Start	5.00	Rating **	M	Issue No.	36							
LM End	5.00	Issue Type +	Ma	Location *	LS							
Category	Earthen Levee		GPS Latitude/Longitude									
			Start	End								
Item	Trim / Thin Trees		37.727625 °	37.727625 °								
			-121.276883 °	-121.276883 °								
DWR ID	DWR_RD2075_01_f_2020_36											
Comment Code												
T1 : Trim trees to at least five feet above ground level.												
Inspector Comment												

No Photos

LM Start	5.24	Rating **	M	Issue No.	2							
LM End	5.25	Issue Type +	Ma	Location *	WS							
Category	Supplemental		GPS Latitude/Longitude									
			Start	End								
Item	DWR Erosion Survey		37.728460 °	37.728460 °								
			-121.274670 °	-121.274670 °								
DWR ID	RD2075U01RM64.36											
Comment Code												
Inspector Comment												
Site ID: RD2075U01RM64.36 08/06/2020: This site is a 2017 Storm Damage Site (LMA-33). The erosion has cut into the levee prism.												

Photo 1 of 2 : SP_2021_RD2075_315_2_20210210_00004.jpg



8/6/2020: View of the erosion scarp from the berm.

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Unit No. 01 San Joaquin River	Right	7.45	04/13/2021 04/13/2021	Alberto De Leon

LM Start	5.28	Rating **	M	Issue No.	1
LM End	5.29	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.727953 °	37.727953 °
				-121.274350 °	-121.274350 °
DWR ID	RD2075U01RM64.34				
Comment Code					
Inspector Comment					
<p>Site ID: RD2075U01RM64.34</p> <p>08/06/2020: From 2016 to present, no significant changes were observed during the annual survey.</p> <p>08/28/2015: Loose material is visible at the upper levee slope. The loose soil may have been caused by runoff.</p> <p>08/18/2014: From 2012 to present, no significant changes were observed during the annual survey.</p> <p>08/18/2011: Some new material added to the water side levee slope, but the added material is loose and seems not helping the levee protection.</p> <p>10/05/2010: No significant change observed. Levee slope has minimal vegetation and lacks rip rap protection. Sandy material found on the lower and middle slope is an undesirable material to have on a levee.</p> <p>08/05/2010: Recommended for annual assessment and monitoring during flood events, per CLRO.</p> <p>08/20/2009: No major change since last visit; site is located in an oxbow; slope surface consists of very sandy material; there is a tree on site leaning and with exposed tree roots; site is recommended as a local maintenance issue, per CLRO CES Evaluation 2008 Report; Eddy Cordoza from the district is aware of the site and is looking for recommendation; site is previously rated "U".</p> <p>08/17/2007: Site is close to an irrigation pump inlet.</p>					

LM Start	5.28	Rating **	M	Issue No.	1 (cont)
LM End	5.29	Issue Type +	Ma	Location *	WS

Photo 1 of 3 : SP_2021_RD2075_315_1_20210210_00001.jpg



8/6/2020: View of the erosion and riprap just below the levee crown.

Photo 2 of 3 : SP_2021_RD2075_315_1_20210210_00002.jpg



8/6/2020: View of the erosion on the levee slope.

* 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 2021

Reclamation District No. 2075 McMullin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.45	04/13/2021 04/13/2021	Alberto De Leon

LM Start	5.28	Rating **	M	Issue No.	1 (cont)
LM End	5.29	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.727953 °	37.727953 °
				-121.274350 °	-121.274350 °
DWR ID	RD2075U01RM64.34				

Photo 3 of 3 : SP_2021_RD2075_315_1_20210210_00003.jpg



8/6/2020: Another view of the eroded levee slope.

LM Start	5.30	Rating **	C	Issue No.	39
LM End	5.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.727759 °	37.726179 °
				-121.274098 °	-121.272004 °
DWR ID	DWR_RD2075_01_f_2019_39				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	5.80	Rating **	M	Issue No.	3
LM End	5.95	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.721710 °	37.721710 °
				-121.267490 °	-121.267490 °
DWR ID	RD2075U01RM64.64				
Comment Code					
Inspector Comment					
Site ID: RD2075U01RM64.64					
08/06/2020: This site is a 2017 Storm Damage Site (LMA-485). The erosion has cut into the levee toe, with a scarp height of up to 3 ft in some areas. The upper levee slope is covered with gravel and the lower slope is mostly bare soil. The berm width ranges from 30 to 50 ft. There is a seepage-stability berm just upstream on the landside.					

Photo 1 of 3 : SP_2021_RD2075_315_3_20210210_00006.jpg



8/6/2020: View of the toe erosion looking downstream.

* 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 2021

Reclamation District No. 2075 McMullin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.45	04/13/2021 04/13/2021	Alberto De Leon

LM Start	5.80	Rating **	M	Issue No.	3 (cont)
LM End	5.95	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.721710 °	37.721710 °
				-121.267490 °	-121.267490 °
DWR ID	RD2075U01RM64.64				

Photo 2 of 3 : SP_2021_RD2075_315_3_20210210_00007.jpg



8/6/2020: View of the erosion looking upstream. The scarp height is up to 3 ft in some areas.

LM Start	5.80	Rating **	M	Issue No.	3 (cont)
LM End	5.95	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SP_2021_RD2075_315_3_20210210_00008.jpg



8/6/2020: Front view of the toe erosion. There is some gravel on the upper levee 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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**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 2075 McMullin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.45	04/13/2021 04/13/2021	Alberto De Leon

LM Start	5.95	Rating **	A/W	Issue No.	28
LM End	6.33	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.721710 °	37.720960 °
				-121.267490 °	-121.259830 °
DWR ID	LMA-485				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Slope protection repairs are needed along the waterside slope due to erosion and riprap displacement from high water. Based upon levee inspections, it was determined the waterside levee slope is eroding, deteriorating, and degrading. The eroded levee sections need to be restored back to design standards to prevent further deterioration and damage. Site ID No: 579 & 580, Site Designation: LMA-485 & LMA-486					

Photo 1 of 1 : SP_2021_RD2075_315_28_20210210_00018.jpg



View of waterside slope looking downstream. Spring 2020

LM Start	6.02	Rating **	C	Issue No.	12
LM End	6.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.722371 °	37.721251 °
				-121.264874 °	-121.260290 °
DWR ID	DWR_RD2075_01_s_2020_12				
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 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

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 2075 McMullin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.45	04/13/2021 04/13/2021	Alberto De Leon

LM Start	6.35	Rating **	U	Issue No.	54
LM End	6.35	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.720800 °	37.720800 °
				-121.259529 °	-121.259529 °
DWR ID	DWR_RD2075_01_s_2021_54				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP_2021_RD2075_315_54_20210419_00051.jpg



View of wild growth vegetation within the landside easement. Spring 2021

LM Start	6.44	Rating **	M	Issue No.	45
LM End	6.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.719788 °	37.719788 °
				-121.258813 °	-121.258813 °
DWR ID	DWR_RD2075_01_f_2019_45				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP_2021_RD2075_315_45_20210419_00052.jpg



View of wild growth vegetation within the landside easement. Spring 2021

LM Start	6.71	Rating **	C	Issue No.	46
LM End	6.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.715761 °	37.715032 °
				-121.258401 °	-121.258539 °
DWR ID	DWR_RD2075_01_f_2019_46				
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 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 2021

Reclamation District No. 2075 McMullin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.45	04/13/2021 04/13/2021	Alberto De Leon

* 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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