

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 2075 McMullin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.45	04/28/2022 04/28/2022	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 **	M	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					
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

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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Reclamation District No. 2075 McMullin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.45	04/28/2022 04/28/2022	Alberto De Leon

LM Start	0.02	Rating **	M	Issue No.	17
LM End	0.02	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.749410 °	37.749410 °
				-121.288975 °	-121.288975 °
DWR ID	DWR_RD2075_01_f_2021_17				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
There is caving within the overbuilt landside slope. The caving has not extended into levee prism.					

Photo 1 of 1 : SP_2022_RD2075_315_17_20220406_00010.jpg



View of landside slope caving. Fall 2021

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 and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	0.10	Rating **	M	Issue No.	18
LM End	0.23	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.748428 °	37.746547 °
				-121.289766 °	-121.289465 °
DWR ID	DWR_RD2075_01_f_2020_18				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					
Berry bushes are obstructing visibility of landside easement.					

Photo 1 of 1 : SP_2022_RD2075_315_18_20220406_00011.jpg



View of berry bushes along the landside easement. Spring 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
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.45	04/28/2022 04/28/2022	Alberto De Leon

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 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	0.16	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 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_2022_RD2075_315_44_20220428_00038.jpg



View of untrimmed tree along the landside slope. Spring 2022

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

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.45	04/28/2022 04/28/2022	Alberto De Leon

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_2022_RD2075_315_50_20220406_00021.jpg



View of tree limb along the landside easement. Fall 2021

LM Start	1.07	Rating **	M	Issue No.	9
LM End	1.07	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.738922 °	37.738922 °
				-121.281707 °	-121.281707 °
DWR ID	DWR_RD2075_01_s_2022_9				
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	1.29	Rating **	C	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 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	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	04/28/2022 04/28/2022	Alberto De Leon

LM Start	1.32	Rating **	M	Issue No.	21
LM End	1.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.735589 °	37.735589 °
				-121.282299 °	-121.282299 °
DWR ID	DWR_RD2075_01_f_2021_21				
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	1.35	Rating **	C	Issue No.	29
LM End	1.35	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Access 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	1.93	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_2022_RD2075_315_52_20220406_00022.jpg



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

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.45	04/28/2022 04/28/2022	Alberto De Leon

LM Start	2.21	Rating **	M	Issue No.	15
LM End	2.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.732915 °	37.732712 °
				-121.293934 °	-121.293896 °
DWR ID	DWR_RD2075_01_s_2022_15				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	2.32	Rating **	M	Issue No.	4
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:72707 DS_ID:24737 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 03/17/2022 Record remains Non-Urgent. No permit has been identified authorizing pipe. New pump and pipe at pump, and siphon breaker cleared out. (D.Sanoski - DWR UCIP) 11/13/2013 Service pole on landside, looks abandoned, and walkway in dilapidated condition. (P. Khoi - DWR UCIP) 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: 3/17/2022 2:55:20 PM					

Photo 1 of 3 : UCIP_SP_2022_72707_108968.jpg



Top of Levee: view of crown.

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Unit No. 01 San Joaquin River	Right	7.45	04/28/2022 04/28/2022	Alberto De Leon

LM Start	2.32	Rating **	M	Issue No.	4 (cont)	
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					

Photo 2 of 3 : UCIP_SP_2022_72707_108969.jpg



Land-Side: view of stairs to pump on toe.

LM Start	2.32	Rating **	M	Issue No.	4 (cont)
LM End	2.32	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_72707_108970.jpg



Land-Side: view of slope.

LM Start	2.33	Rating **	M	Issue No.	23
LM End	2.62	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.731164 °	37.726931 °
				-121.293729 °	-121.294492 °
DWR ID	DWR_RD2075_01_s_2022_23				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2022_RD2075_315_23_20220428_00040.jpg



View of vegetation along the landside slope. Spring 2022

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.45	04/28/2022 04/28/2022	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					
Channel bank has signs of erosion and is degrading in concave pocket sections. It is recommended the LMA continue to monitor and document the rate of erosion. Rock was placed on LS here during the 2017 storms. Site ID No:480 & 81, Site Designation: LMA-307 & LMA-35					

Photo 1 of 1 : SP_2022_RD2075_315_16_20220406_00009.jpg



View of waterside slope looking upstream. Spring 2020

LM Start	3.39	Rating **	M	Issue No.	31
LM End	3.39	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.717993 °	37.717993 °
				-121.287017 °	-121.287017 °
DWR ID	DWR_RD2075_01_s_2022_31				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	3.56	Rating **	M	Issue No.	32
LM End	3.56	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.715984 °	37.715984 °
				-121.285413 °	-121.285413 °
DWR ID	DWR_RD2075_01_s_2022_32				
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 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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Reclamation District No. 2075 McMullin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.45	04/28/2022 04/28/2022	Alberto De Leon

LM Start	3.56	Rating **	M	Issue No.	34
LM End	3.56	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.715941 °	37.715941 °
				-121.285360 °	-121.285360 °
DWR ID	DWR_RD2075_01_s_2022_34				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	3.63	Rating **	M	Issue No.	37
LM End	3.63	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.715271 °	37.715271 °
				-121.284390 °	-121.284390 °
DWR ID	DWR_RD2075_01_s_2022_37				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
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					
Channel banks has signs of erosion and is degrading in concave pocket sections. It is recommended the LMA continue to monitor and document the rate of erosion. Rock was placed on LS here during the 2017 storms.					
Site ID No: 576 & 577, Site Designation: LMA-482 & LMA-483					

Photo 1 of 1 : SP_2022_RD2075_315_19_20220406_00012.jpg



View of waterside slope. Fall 2021

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Unit No. 01 San Joaquin River	Right	7.45	04/28/2022 04/28/2022	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 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	4.17	Rating **	M	Issue No.	38
LM End	4.17	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.716495 °	37.716495 °
				-121.278661 °	-121.278661 °
DWR ID	DWR_RD2075_01_s_2022_38				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
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 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 San Joaquin River	Right	7.45	04/28/2022 04/28/2022	Alberto De Leon

LM Start	5.21	Rating **	M	Issue No.	39
LM End	5.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.728740 °	37.726195 °
				-121.275005 °	-121.272031 °
DWR ID	DWR_RD2075_01_s_2022_39				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	5.24	Rating **	M	Issue No.	1
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 07/07/2021: The erosion length was updated to 30 ft based on more accurate field measurements. Otherwise, no significant changes were observed since the previous inspection. 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_2022_RD2075_315_1_20220406_00001.jpg



7/7/2021: Close-up view of the erosion pocket.

LM Start	5.24	Rating **	M	Issue No.	1 (cont)
LM End	5.25	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2022_RD2075_315_1_20220406_00002.jpg



7/7/2021: Another view of the erosion pocket.

* 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	04/28/2022 04/28/2022	Alberto De Leon

LM Start	5.24	Rating **	A/W	Issue No.	2
LM End	5.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.728460 °	37.728460 °
				-121.274670 °	-121.274670 °
DWR ID	DWR_RD2075_01_f_2021_2				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
ite ID: RD2075U01RM64.36					
08/06/2020: This site is a 2017 Storm Damage Site (LMA-33). Recommend the LMA continue to monitor and document rate of erosion. Erosion currently is on the river bank.					

LM Start	5.24	Rating **	A/W	Issue No.	2 (cont)
LM End	5.25	Issue Type +	Ma	Location *	WS

Photo 1 of 2 : SP_2022_RD2075_315_2_20220406_00003.jpg



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

Photo 2 of 2 : SP_2022_RD2075_315_2_20220406_00004.jpg



8/6/2020: Close-up view of the scarp. The erosion has cut into the levee prism.

* 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 2022

Reclamation District No. 2075 McMullin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.45	04/28/2022 04/28/2022	Alberto De Leon

LM Start	5.28	Rating **	M	Issue No.	30
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					
Site ID: RD2075U01RM64.34					
07/07/2021: From 2016 to present, no significant changes were observed during the annual survey.					
08/28/2015: Loose material is visible at the upper levee slope. The loose soil may have been caused by runoff.					
08/18/2014: From 2012 to present, no significant changes were observed during the annual survey.					
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.					
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.					
08/05/2010: Recommended for annual assessment and monitoring during flood events, per CLRO.					
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".					
08/17/2007: Site is close to an irrigation pump inlet.					

LM Start	5.28	Rating **	M	Issue No.	30 (cont)
LM End	5.29	Issue Type +	Ma	Location *	WS

Photo 1 of 2 : SP_2022_RD2075_315_30_20220406_00015.jpg



7/7/2021: View of the erosion and riprap from across the bend.

Photo 2 of 2 : SP_2022_RD2075_315_30_20220406_00016.jpg



7/7/2021: Close-up view of the erosion.

* 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 2022

Reclamation District No. 2075 McMullin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.45	04/28/2022 04/28/2022	Alberto De Leon

LM Start	5.57	Rating **	M	Issue No.	43
LM End	5.57	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.724758 °	37.724758 °
				-121.270946 °	-121.270946 °
DWR ID	DWR_RD2075_01_s _ 2022_43				
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	5.62	Rating **	M	Issue No.	46
LM End	5.78	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.724183 °	37.722208 °
				-121.270493 °	-121.268972 °
DWR ID	DWR_RD2075_01_s _ 2022_46				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	5.79	Rating **	M	Issue No.	48
LM End	5.79	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.722070 °	37.722070 °
				-121.268794 °	-121.268794 °
DWR ID	DWR_RD2075_01_s _ 2022_48				
Comment Code					
V2 : Remove the wild growth and woody vegetation 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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**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 2075 McMullin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.45	04/28/2022 04/28/2022	Alberto De Leon

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

07/07/2021: A 740-ft segment of the erosion has been cleared of vegetation on the levee toe and berm and the erosion scarp is no longer visible (refer to photo below from 2020). The erosion is only visible in the remaining 60 ft on the downstream end.

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.

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

Photo 1 of 3 : SP_2022_RD2075_315_3_20220406_00005.jpg



7/7/2021: View of the erosion on the levee toe at the downstream end.

Photo 2 of 3 : SP_2022_RD2075_315_3_20220406_00006.jpg



7/7/2021: View of the cleared area looking upstream.

* 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 2022

Reclamation District No. 2075 McMullin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.45	04/28/2022 04/28/2022	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 3 of 3 : SP_2022_RD2075_315_3_20220406_00007.jpg



7/7/2021: View of the cleared area looking downstream.

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

Channel bank has signs of erosion and is degrading in concave pocket sections. It is recommended the LMA continue to monitor and document the rate of erosion. Rock was placed on LS here during the 2017 storms. Site ID No: 579 & 580, Site Designation: LMA-485 & LMA-486

Photo 1 of 1 : SP_2022_RD2075_315_28_20220406_00014.jpg



View of waterside slope looking downstream. Spring 2020

LM Start	6.03	Rating **	M	Issue No.	22
LM End	6.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.722399 °	37.721144 °
				-121.264771 °	-121.260107 °
DWR ID	DWR_RD2075_01 f 2021_22				

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 2022

Reclamation District No. 2075 McMullin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.45	04/28/2022 04/28/2022	Alberto De Leon

LM Start	6.11	Rating **	M	Issue No.	24
LM End	6.11	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.722484 °	37.722484 °
				-121.263306 °	-121.263306 °
DWR ID	DWR_RD2075_01_f _ 2021_24				
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	6.29	Rating **	M	Issue No.	54
LM End	6.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.721325 °	37.720585 °
				-121.260387 °	-121.259251 °
DWR ID	DWR_RD2075_01_s_2021_54				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	6.43	Rating **	M	Issue No.	45
LM End	6.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.719801 °	37.719801 °
				-121.258814 °	-121.258814 °
DWR ID	DWR_RD2075_01_f_2019_45				
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_2022_RD2075_315_45_20220406_00019.jpg



View of wild growth vegetation within the landside easement. Spring 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
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**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 2075 McMullin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.45	04/28/2022 04/28/2022	Alberto De Leon

LM Start	6.73	Rating **	M	Issue No.	47
LM End	6.73	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.715480 °	37.715480 °
				-121.258442 °	-121.258442 °
DWR ID	DWR_RD2075_01_f _ 2019_47				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : SP_2022_RD2075_315_47_20220406_00020.jpg



View of prunings on the waterside slope. Fall 2021

LM Start	6.80	Rating **	M	Issue No.	51
LM End	6.80	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.714613 °	37.714613 °
				-121.258734 °	-121.258734 °
DWR ID	DWR_RD2075_01_s_2022_51				
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	6.84	Rating **	M	Issue No.	42
LM End	7.02	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.714122 °	37.713577 °
				-121.259267 °	-121.262430 °
DWR ID	DWR_RD2075_01_f_2019_42				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					
Vegetation within the landside easement.					

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 2022

Reclamation District No. 2075 McMullin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.45	04/28/2022 04/28/2022	Alberto De Leon

LM Start	6.84	Rating **	U	Issue No.	40
LM End	6.84	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.714123 °	37.714123 °
				-121.259279 °	-121.259279 °
DWR ID	DWR_RD2075_01_f_2020_40				
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_2022_RD2075_315_40_20220406_00018.jpg



View of trees on waterside slope obstructing visibility. 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
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