

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/06/2023 10/06/2023	Alberto De Leon

LM Start	0.00	Rating **	A	Issue No.	121
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_RD0524_01_s_2012_121				
Comment Code					
OM : O&M Manuals					
Inspector Comment					
The RD has a digital copy of the O&M manual.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	123
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_RD0524_01_s_2012_123				
Comment Code					
FP : Flood Preparedness & Training					
Inspector Comment					

No Photos

LM Start	0.00	Rating **	A	Issue No.	138
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_RD0524_01_s_2013_138				
Comment Code					
ES : Emergency Supplies & Equipment					
Inspector Comment					
The LMA has emergency supplies or equipment stored in a shipping container at LM 4.65, (37.890799, -121.32913).					

Photo 1 of 1 : FA_2023_RD0524_107_138_20230905_00022.jpg



View of container with Districts Flood Fight Materials. Spring 2021

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

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Unit No. 01 San Joaquin River	Left	6.20	10/06/2023 10/06/2023	Alberto De Leon

LM Start	0.01	Rating **	A/W	Issue No.	107
LM End	0.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.941151°	37.939628°
				-121.346011°	-121.344376°
DWR ID	DWR_RD0524_01_f_2019_107				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	0.32	Rating **	M	Issue No.	113
LM End	0.32	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.938434°	37.938434°
				-121.341968°	-121.341968°
DWR ID	DWR_RD0524_01_f_2019_113				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	0.32	Rating **	M	Issue No.	118
LM End	0.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.938434°	37.938434°
				-121.341967°	-121.341967°
DWR ID	DWR_RD0524_01_f_2019_118				
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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/06/2023 10/06/2023	Alberto De Leon

LM Start	0.44	Rating **	M	Issue No.	126
LM End	0.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.938662°	37.938662°
				-121.339723°	-121.339723°
DWR ID	DWR_RD0524_01_f_2019_126				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	0.90	Rating **	A/W	Issue No.	328
LM End	0.91	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.935314°	37.935289°
				-121.333350°	-121.333190°
DWR ID	DWR_RD0524_01_s_2021_328				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	0.93	Rating **	M	Issue No.	158
LM End	0.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.935262°	37.935168°
				-121.332745°	-121.331917°
DWR ID	DWR_RD0524_01_s_2017_158				
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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/06/2023 10/06/2023	Alberto De Leon

LM Start	0.98	Rating **	M	Issue No.	927
LM End	0.98	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.935163°	37.935163°
				-121.331887°	-121.331887°
DWR ID	20598				
Comment Code					
Inspector Comment					
DS_ID:20598					
FS_ID:73982					
EP_NO: N/A					
Repair Type: Non-Urgent					
EVAL Issue:					
Crossing Status: Found					
UCIP Comments: 06/23/2020 Record updated from No Action Needed to Non-Urgent. System Feature. Crossing appears abandoned.					
(D.Sanoski - DWR UCIP)					
FIELD_STRUCT_DESC: *ABANDONED* 36-inch drainage pipe of an unknown material through the levee, 15 feet below the crown. Landside (LS) end is not visible. Concrete headwall at outlet on the waterside (WS) slope is visible. Pipe appears to be abandoned in place. Slide gate on the WS removed. [Additional Reference(s): DWR Levee Log, 2004 (HLM 0.99). USACE San Joaquin O&M Manual, Unit 7, April 1964, Revised 29 December 2016, (0.99), listed as 36-inch pipe].					
FS Date: 6/23/2020 2:32:00 PM					

Photo 1 of 3 : UCIP_FA_2023_73982_89287.jpg



Top of Levee: view of crown.

LM Start	0.98	Rating **	M	Issue No.	927 (cont)
LM End	0.98	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2023_73982_89288.jpg



Water-Side: view of WS 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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/06/2023 10/06/2023	Alberto De Leon

LM Start	0.98	Rating **	M	Issue No.	927 (cont)
LM End	0.98	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.935163°	37.935163°
				-121.331887°	-121.331887°
DWR ID	20598				

Photo 3 of 3 : UCIP_FA_2023_73982_89289.jpg



Land-Side: view of LS slope.

LM Start	1.00	Rating **	A/W	Issue No.	198
LM End	1.01	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.935100°	37.935100°
				-121.331500°	-121.331300°
DWR ID	LMA-442				

Comment Code

E1 : Note and monitor erosion site.

Inspector Comment

Fall Inspection 2021: Revetment is present on the waterside toe and there is no active erosion. This was a 2017 Storm Damage Site. Slope protection repairs are needed along the waterside slope due to riprap displacement from high water. Based upon levee inspections, it was determined the waterside levee slope is eroding, deteriorating, and degrading.

Site ID No:536

Site Designation:LMA-442

There appears to be previous repair site adjacent to LMA-442.

Photo 1 of 1 : LEVAL_FA_2023_536_4109.jpg



* 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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Unit No. 01 San Joaquin River	Left	6.20	10/06/2023 10/06/2023	Alberto De Leon

LM Start	1.01	Rating **	A/W	Issue No.	324
LM End	1.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.935057°	37.934977°
				-121.331356°	-121.331027°
DWR ID	DWR_RD0524_01_s _ 2021_324				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	1.02	Rating **	C	Issue No.	134
LM End	1.02	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.935032°	37.935032°
				-121.331210°	-121.331210°
DWR ID	DWR_RD0524_01_s _ 2022_134				
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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/06/2023 10/06/2023	Alberto De Leon

LM Start	1.15	Rating **	U	Issue No.	1
LM End	1.23	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.933347°	37.933347°
				-121.329110°	-121.329110°
DWR ID	RD0524U01RM41.79				
Comment Code					
Inspector Comment					
Site ID: RD0524U01RM41.79					
8/31/2023: From 2010 to present, no significant changes were observed during the annual survey. Minimal vegetation covers the upper levee slope. The lower slope is covered with medium dense vegetation. Riprap is visible in some areas.					
09/07/2010: Vegetation is visible at the water line. There is an exposed pipe discharge partially hanging at the mid-slope, possibly still used for discharging irrigation/runoff water. There is minimal rip rap protection along the bank, and what's left of it is no longer adequately protecting the bank.					
9/29/2009: Site consists of a 400-foot long eroding bank with minimal vegetation and protection; the existing rip rap has sloughed, rendering it useless; note that there is an exposed section of a pipe.					
10/18/2006: There is extensive loss of rip rap on some sections; sewage disposal pond is on the landside of the levee; there is an exposed pipe outlet "hanging" from the upper slope.					

LM Start	1.15	Rating **	U	Issue No.	1 (cont)
LM End	1.23	Issue Type +	Ma	Location *	WS

Photo 1 of 2 : SJR2023_RD524U01RM41.79_5.JPG



8/31/2023: View of the erosion from the opposite bank.

Photo 2 of 2 : SJR2023_RD524U01RM41.79_1.JPG



8/31/2023: Close-up view of the erosion.

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/06/2023 10/06/2023	Alberto De Leon

LM Start	1.16	Rating **	M	Issue No.	323
LM End	1.16	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.933798°	37.933798°
				-121.329313°	-121.329313°
DWR ID	DWR_RD0524_01_s _ 2021_323				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	1.22	Rating **	M	Issue No.	322
LM End	1.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.933029°	37.932760°
				-121.328901°	-121.328780°
DWR ID	DWR_RD0524_01_s _ 2021_322				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	1.60	Rating **	M	Issue No.	131
LM End	1.60	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.927698°	37.927698°
				-121.327806°	-121.327806°
DWR ID	DWR_RD0524_01_s _ 2022_131				
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	Left	6.20	10/06/2023 10/06/2023	Alberto De Leon

LM Start	2.00	Rating **	M	Issue No.	316
LM End	2.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.922873°	37.922873°
				-121.323830°	-121.323830°
DWR ID	DWR_RD0524_01_s _ 2021_316				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	2.06	Rating **	U	Issue No.	315
LM End	2.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.922177°	37.922177°
				-121.323221°	-121.323221°
DWR ID	DWR_RD0524_01_s _ 2021_315				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	2.09	Rating **	U	Issue No.	250
LM End	2.09	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.921887°	37.921887°
				-121.322846°	-121.322846°
DWR ID	DWR_RD0524_01_s _ 2021_250				
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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Unit No. 01 San Joaquin River	Left	6.20	10/06/2023 10/06/2023	Alberto De Leon

LM Start	2.27	Rating **	U	Issue No.	32
LM End	2.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.920372°	37.920167°
				-121.320230°	-121.319890°
DWR ID	DWR_RD0524_01_s _ 2012_32				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	2.29	Rating **	A/W	Issue No.	256
LM End	2.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.920223°	37.920223°
				-121.319986°	-121.319986°
DWR ID	DWR_RD0524_01_s _ 2020_256				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	2.33	Rating **	A/W	Issue No.	133
LM End	2.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.919743°	37.919743°
				-121.319625°	-121.319625°
DWR ID	DWR_RD0524_01_s _ 2019_133				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
No rodents present but continue to monitor for future activity.					

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	Left	6.20	10/06/2023 10/06/2023	Alberto De Leon

LM Start	2.36	Rating **	M	Issue No.	252
LM End	2.36	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.919244°	37.919244°
				-121.319767°	-121.319767°
DWR ID	DWR_RD0524_01_s_2020_252				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	2.40	Rating **	U	Issue No.	37
LM End	2.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.918867°	37.918568°
				-121.320296°	-121.320875°
DWR ID	DWR_RD0524_01_s_2012_37				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	2.48	Rating **	U	Issue No.	249
LM End	2.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.918382°	37.918382°
				-121.321475°	-121.321475°
DWR ID	DWR_RD0524_01_f_2017_249				
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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Unit No. 01 San Joaquin River	Left	6.20	10/06/2023 10/06/2023	Alberto De Leon

LM Start	2.50	Rating **	U	Issue No.	169
LM End	2.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.918264°	37.918264°
				-121.321860°	-121.321860°
DWR ID	DWR_RD0524_01_f _ 2021_169				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	2.50	Rating **	U	Issue No.	38
LM End	2.50	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.918287°	37.918287°
				-121.321980°	-121.321980°
DWR ID	DWR_RD0524_01_s_2012_38				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	2.53	Rating **	U	Issue No.	40
LM End	2.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.918022°	37.917373°
				-121.322445°	-121.322785°
DWR ID	DWR_RD0524_01_s_2012_40				
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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Unit No. 01 San Joaquin River	Left	6.20	10/06/2023 10/06/2023	Alberto De Leon

LM Start	2.64	Rating **	U	Issue No.	43
LM End	2.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.916780°	37.916780°
				-121.322095°	-121.322095°
DWR ID	DWR_RD0524_01_s_2012_43				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	2.80	Rating **	A/W	Issue No.	48
LM End	2.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.915022°	37.915022°
				-121.323443°	-121.323443°
DWR ID	DWR_RD0524_01_s_2012_48				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	2.80	Rating **	M	Issue No.	25
LM End	2.93	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.914992°	37.913405°
				-121.323525°	-121.324471°
DWR ID	DWR_RD0524_01_f_2023_25				
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	+ 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 - Fall 2023

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/06/2023 10/06/2023	Alberto De Leon

LM Start	2.80	Rating **	M	Issue No.	26
LM End	2.93	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.914989°	37.913415°
				-121.323528°	-121.324480°
DWR ID	DWR_RD0524_01_f_2023_26				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	2.86	Rating **	U	Issue No.	49
LM End	2.86	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.914427°	37.914427°
				-121.324198°	-121.324198°
DWR ID	DWR_RD0524_01_s_2012_49				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	2.94	Rating **	M	Issue No.	925
LM End	3.28	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.913206°	37.908410°
				-121.324533°	-121.325438°
DWR ID	DWR_RD0524_01_s_2012_925				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
There are several rodent holes on the levee slope.					

Photo 1 of 1 : FA_2023_RD0524_107_925_20230905_00040.jpg



View of landside slope with multiple animal burrows. Fall 2022

* 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 - Fall 2023

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/06/2023 10/06/2023	Alberto De Leon

LM Start	2.95	Rating **	A/W	Issue No.	928
LM End	2.95	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.913101°	37.913101°
				-121.324500°	-121.324500°
DWR ID	20617				
Comment Code					
Inspector Comment					
DS_ID:20617 FS_ID:73984 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Indicator Found UCIP Comments: 06/24/2020 Record remains No Action Needed. No issues observed during inspection. System Feature. (D.Sanoski - DWR UCIP) 08/20/2013 Review crossing with inspector as records indicate that this should be an 8-inch pipe through levee 3.0 feet below crown, pump on landward side. Siphon breaker on the waterward slope. Originally included in the 1964 O&M manual. (W.Wylie - DWR UCIP) FIELD_STRUCT_DESC: 16-inch wrapped steel storm discharge pipe through the levee, 1.5 feet below the crown. Pump on steel pile structure at drainage canal off landside (LS) toe. [Additional Reference(s): DWR Levee Log, 2004 (HLM 2.99, listed as 8-inch pipe). USACE San Joaquin O&M Manual, Unit 7, April 1964, Revised 29 December 2016, (2.99), listed as 9-inch pipe]. FS Date: 6/24/2020 2:44:00 PM					

Photo 1 of 3 : UCIP_FA_2023_73984_89412.jpg



Overview of Levee: view of crown with pipe through crown.

LM Start	2.95	Rating **	A/W	Issue No.	928 (cont)
LM End	2.95	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2023_73984_89413.jpg



Water-Side: view of WS slope with pipe out 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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**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/06/2023 10/06/2023	Alberto De Leon

LM Start	2.95	Rating **	A/W	Issue No.	928 (cont)
LM End	2.95	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.913101°	37.913101°
				-121.324500°	-121.324500°
DWR ID	20617				

Photo 3 of 3 : UCIP_FA_2023_73984_89414.jpg



Land-Side: view of LS slope and pipe out of slope.

LM Start	3.34	Rating **	M	Issue No.	215
LM End	3.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.907563°	37.907563°
				-121.325439°	-121.325439°
DWR ID	DWR_RD0524_01_s_2020_215				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	3.39	Rating **	M	Issue No.	153
LM End	3.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.906935°	37.906935°
				-121.325310°	-121.325310°
DWR ID	DWR_RD0524_01_f_2020_153				
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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**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/06/2023 10/06/2023	Alberto De Leon

LM Start	3.48	Rating **	U	Issue No.	24
LM End	3.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.905968°	37.905968°
				-121.324232°	-121.324232°
DWR ID	DWR_RD0524_01_f_2023_24				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA_2023_RD0524_107_24_20231101_00071.jpg



View of large animal burrow on the landside slope. Fall 2023

LM Start	3.59	Rating **	N	Issue No.	302
LM End	3.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.904600°	37.904600°
				-121.324200°	-121.324200°
DWR ID	DWR_RD0524_01_s_2021_302				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	3.59	Rating **	M	Issue No.	209
LM End	3.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.904546°	37.903556°
				-121.324323°	-121.325500°
DWR ID	DWR_RD0524_01_s_2020_209				
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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**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/06/2023 10/06/2023	Alberto De Leon

LM Start	3.61	Rating **	M	Issue No.	159
LM End	3.64	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.904430°	37.904103°	
			-121.324594°	-121.325056°	
DWR ID	DWR_RD0524_01_f_2019_159				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	3.97	Rating **	A/W	Issue No.	142
LM End	4.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.899699°	37.899306°	
			-121.326653°	-121.326837°	
DWR ID	DWR_RD0524_01_f_2020_142				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Monitor for future rodent activity.					

No Photos

LM Start	4.38	Rating **	M	Issue No.	294
LM End	4.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.894299°	37.891830°	
			-121.329258°	-121.328317°	
DWR ID	DWR_RD0524_01_s_2021_294				
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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**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/06/2023 10/06/2023	Alberto De Leon

LM Start	4.38	Rating **	U	Issue No.	150
LM End	4.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.894237°	37.894237°
				-121.329257°	-121.329257°
DWR ID	DWR_RD0524_01_f_2022_150				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : FA_2023_RD0524_107_150_20231101_00070.jpg



View of wild vegetation growth along the landside slope and easement.
Fall 2023

LM Start	4.54	Rating **	M	Issue No.	22
LM End	5.37	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.892106°	37.881091°
				-121.328177°	-121.332828°
DWR ID	DWR_RD0524_01_f_2023_22				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	4.54	Rating **	M	Issue No.	23
LM End	5.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.892099°	37.881696°
				-121.328185°	-121.332760°
DWR ID	DWR_RD0524_01_f_2023_23				
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 - Fall 2023

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/06/2023 10/06/2023	Alberto De Leon

LM Start	4.55	Rating **	M	Issue No.	16
LM End	4.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.891967°	37.891967°
				-121.328256°	-121.328256°
DWR ID	DWR_RD0524_01_s_2023_16				
Comment Code					
T3 : Fallen tree with root ball.					
Inspector Comment					

Photo 1 of 1 : FA_2023_RD0524_107_16_20230905_00014.jpg



View of fallen tree along the landside slope and easement. Spring 2023

LM Start	4.73	Rating **	M	Issue No.	119
LM End	4.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.889690°	37.889690°
				-121.329754°	-121.329754°
DWR ID	DWR_RD0524_01_s_2022_119				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	4.76	Rating **	A/W	Issue No.	236
LM End	4.76	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.889300°	37.889300°
				-121.329800°	-121.329800°
DWR ID	DWR_RD0524_01_s_2020_236				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
This is a 2017 Strom Damage Site, ID No. 523, LMA-429.					

Photo 1 of 1 : LEVAL_FA_2023_523_4217.jpg



* 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 - Fall 2023

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/06/2023 10/06/2023	Alberto De Leon

LM Start	4.80	Rating **	M	Issue No.	146
LM End	4.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.888673°	37.887864°
				-121.330068°	-121.330729°
DWR ID	DWR_RD0524_01_f_2022_146				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	4.96	Rating **	M	Issue No.	114
LM End	4.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.886994°	37.886596°
				-121.331829°	-121.332007°
DWR ID	DWR_RD0524_01_s_2012_114				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	5.03	Rating **	A/W	Issue No.	177
LM End	5.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.885981°	37.885641°
				-121.332130°	-121.332162°
DWR ID	DWR_RD0524_01_s_2020_177				
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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**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/06/2023 10/06/2023	Alberto De Leon

LM Start	5.19	Rating **	U	Issue No.	289
LM End	5.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.883621°	37.883621°
				-121.332121°	-121.332121°
DWR ID	DWR_RD0524_01_s_2021_289				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	5.29	Rating **	M	Issue No.	137
LM End	5.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.882208°	37.882208°
				-121.332669°	-121.332669°
DWR ID	DWR_RD0524_01_f_2022_137				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	5.34	Rating **	N	Issue No.	90
LM End	5.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.881557°	37.881557°
				-121.332807°	-121.332807°
DWR ID	DWR_RD0524_01_f_2020_90				
Comment Code					
T5 : Tree stumps.					
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 - Fall 2023

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/06/2023 10/06/2023	Alberto De Leon

LM Start	5.36	Rating **	N	Issue No.	89
LM End	5.36	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.881172°	37.881172°
				-121.332842°	-121.332842°
DWR ID	DWR_RD0524_01_f_2020_89				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	5.41	Rating **	M	Issue No.	930
LM End	5.41	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.880544°	37.880544°
				-121.332904°	-121.332904°
DWR ID	20659				
Comment Code					
Inspector Comment					
DS_ID:20659 FS_ID:73986 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Not Found UCIP Comments: 06/24/2020 Record updated from No Action Needed to Non-Urgent. Crossing appears to have been removed, but needs to be confirmed. Crossing not found. Limited inspection on LS due to overgrown vegetation. System Feature. (D.Sanoski - DWR UCIP) FIELD_STRUCT_DESC: 10-inch steel drainage pipe through the levee, 6 feet below the crown. Pump on the landside (LS). Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2004 (HLM 5.48). USACE San Joaquin O&M Manual, Unit 7, April 1964, Revised 29 December 2016, (5.48), listed as 10-inch pipe]. Drawing No. 07-04-1490, Sheet 1490/4, (Station 8+01.3)]. FS Date: 6/24/2020 2:24:00 PM					

Photo 1 of 3 : UCIP_FA_2023_73986_89484.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
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**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/06/2023 10/06/2023	Alberto De Leon

LM Start	5.41	Rating **	M	Issue No.	930 (cont)
LM End	5.41	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.880544°	37.880544°
				-121.332904°	-121.332904°
DWR ID	20659				

Photo 2 of 3 : UCIP_FA_2023_73986_89485.jpg



Water-Side: view of WS slope.

LM Start	5.41	Rating **	M	Issue No.	930 (cont)
LM End	5.41	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2023_73986_89486.jpg



Land-Side: view of LS 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 - Fall 2023

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/06/2023 10/06/2023	Alberto De Leon

LM Start	5.42	Rating **	M	Issue No.	931
LM End	5.42	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.880358°	37.880358°
				-121.332972°	-121.332972°
DWR ID	20631				
Comment Code					
Inspector Comment					
DS_ID:20631 FS_ID:73987 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 06/25/2020 Record remains Non-Urgent. Limited inspection on LS due to overgrown vegetation. System Feature. (D.Sanoski - DWR UCIP) 08/23/2013 Recent work being done on WS slope. Pipe may still be in use. (W.Wylie - DWR UCIP) FIELD_STRUCT_DESC: 10-inch steel drainage pipe through the levee, 6 feet below the crown. 8-inch pipe sleeved through this pipe. [Additional Reference(s): DWR Levee Log, 2004 (HLM 5.50). USACE San Joaquin O&M Manual, Unit 7, April 1964, Revised 29 December 2016, (5.50), listed as 10-inch pipe]. FS Date: 6/25/2020 2:53:00 PM					

LM Start	5.42	Rating **	M	Issue No.	931 (cont)
LM End	5.42	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2023_73987_89490.jpg



Top of Levee: view of crown.

Photo 2 of 3 : UCIP_FA_2023_73987_89491.jpg



Water-Side: view of WS slope and pipe.

* 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 - Fall 2023

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/06/2023 10/06/2023	Alberto De Leon

LM Start	5.42	Rating **	M	Issue No.	931 (cont)
LM End	5.42	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.880358°	37.880358°	
			-121.332972°	-121.332972°	
DWR ID	20631				

Photo 3 of 3 : UCIP_FA_2023_73987_89492.jpg



Land-Side: view of LS slope with no sign of inlet pipe due to overgrown vegetation limiting inspection.

LM Start	5.53	Rating **	M	Issue No.	2
LM End	5.54	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR Erosion Survey		37.878798°	37.878798°	
			-121.333111°	-121.333111°	
DWR ID	RD0524U01RM46.06				

Comment Code

Inspector Comment

Site ID: RD0524U01RM46.06

8/31/2023: From 2021 to present, no significant changes were observed during the annual survey.

08/20/2021: During the erosion survey, the erosion length was increased to 75 feet.

09/24/2020: From 2014 to present, no significant changes were observed during the annual survey. Vegetation is limiting the view but undercutting of the levee toe is still visible.

08/13/2013: Larger trees are at the levee shoulder, and an irrigation pump station is next to the erosion site.

Photo 1 of 2 : SJR2023_RD524U01RM46.06_1.JPG



8/31/2023: View of the erosion immediately downstream of an irrigation pipe.

* 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 - Fall 2023

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/06/2023 10/06/2023	Alberto De Leon

LM Start	5.53	Rating **	M	Issue No.	2 (cont)
LM End	5.54	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.878798°	37.878798°
				-121.333111°	-121.333111°
DWR ID	RD0524U01RM46.06				

Photo 2 of 2 : SJR2023_RD524U01RM46.06_2.JPG



8/31/2023: Close-up view of the erosion.

LM Start	5.68	Rating **	M	Issue No.	20
LM End	5.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.876795°	37.873560°
				-121.332352°	-121.332519°
DWR ID	DWR_RD0524_01_f_2023_20				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	5.68	Rating **	M	Issue No.	21
LM End	5.92	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.876794°	37.873571°
				-121.332347°	-121.332518°
DWR ID	DWR_RD0524_01_f_2023_21				
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 - Fall 2023

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/06/2023 10/06/2023	Alberto De Leon

LM Start	5.86	Rating **	M	Issue No.	933	
LM End	5.86	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.874328°	37.874328°	
				-121.333231°	-121.333231°	
DWR ID	20637					
Comment Code						
Inspector Comment						
DS_ID:20637 FS_ID:73988 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Not Found UCIP Comments: 06/25/2020 Record updated from No Action Needed to Non-Urgent. Geophysical results did not confirm presence of pipe through levee. Record will remain in UCIP's inspection records until future Levee Improvement Project can confirm no crossing was found through the levee. System Feature. (D.Sanoski - DWR UCIP) FIELD_STRUCT_DESC: 12-inch drainage pipe of an unknown material through the levee, 8 feet below the crown. Concrete box structure on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 2004 (HLM 5.91). USACE San Joaquin O&M Manual, Unit 7, April 1964, Revised 29 December 2016, (5.91), listed as 12-inch pipe, abandoned]. FS Date: 6/25/2020 2:57:00 PM						

Photo 1 of 3 : UCIP_FA_2023_73988_89618.jpg



Top of Levee: view of crown.

LM Start	5.86	Rating **	M	Issue No.	933 (cont)
LM End	5.86	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2023_73988_89619.jpg



Water-Side: view of WS slope with no sign of pipe or concrete structure.

* 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 - Fall 2023

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/06/2023 10/06/2023	Alberto De Leon

LM Start	5.86	Rating **	M	Issue No.	933 (cont)
LM End	5.86	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.874328°	37.874328°
				-121.333231°	-121.333231°
DWR ID	20637				

Photo 3 of 3 : UCIP_FA_2023_73988_89620.jpg



Land-Side: view of LS slope with no sign of pipe.

LM Start	5.87	Rating **	M	Issue No.	934
LM End	5.87	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.874114°	37.874114°
				-121.333147°	-121.333147°
DWR ID	20639				

Comment Code

Inspector Comment

DS_ID:20639
FS_ID:73989
EP_NO: N/A
Repair Type: Non-Urgent
EVAL Issue:
Crossing Status: Not Found
UCIP Comments: 06/25/2020 Record updated from No Action Needed to Non-Urgent. Crossing not found. Geophysical results did not confirm presence of pipe through levee. Record will remain in UCIP's inspection records until future Levee Improvement Project can confirm no crossing was found through the levee. System Feature. (D.Sanoski - DWR UCIP)
FIELD_STRUCT_DESC: 21-inch by 21-inch reinforced concrete box drainage culvert through the levee, 20 feet below the crown. Brick distribution box at the toe of the waterside (WS) slope. Concrete distribution box at the toe of the landside (LS) slope. [Additional Reference(s): DWR Levee Log, 2004. USACE San Joaquin O&M Manual 7, April 1964, (HLM 5.94)].
FS Date: 6/25/2020 2:57:00 PM

Photo 1 of 3 : UCIP_FA_2023_73989_89624.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
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**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/06/2023 10/06/2023	Alberto De Leon

LM Start	5.87	Rating **	M	Issue No.	934 (cont)
LM End	5.87	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.874114°	37.874114°
				-121.333147°	-121.333147°
DWR ID	20639				

Photo 2 of 3 : UCIP_FA_2023_73989_89625.jpg



Water-Side: view of WS slope with no sign of crossing.

LM Start	5.87	Rating **	M	Issue No.	934 (cont)
LM End	5.87	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2023_73989_89626.jpg



Land-Side: view of LS slope with no sign of crossing.

LM Start	5.95	Rating **	M	Issue No.	100
LM End	5.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			37.873343°	37.873343°
				-121.332053°	-121.332053°
DWR ID	DWR_RD0524_01_s_2022_100				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
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 - Fall 2023

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/06/2023 10/06/2023	Alberto De Leon

LM Start	6.02	Rating **	M	Issue No.	17
LM End	6.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.872767°	37.871744°
				-121.331011°	-121.330404°
DWR ID	DWR_RD0524_01_f_2023_17				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	6.11	Rating **	U	Issue No.	98
LM End	6.14	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.871613°	37.871262°
				-121.330322°	-121.330202°
DWR ID	DWR_RD0524_01_s_2022_98				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					
There are berry bushes and ivy growing within the landside easement.					

Photo 1 of 1 : FA_2023_RD0524_107_98_20230905_00016.jpg

View of berry bushes and ivy along the landside slope and easement.
Spring 2023

LM Start	6.16	Rating **	U	Issue No.	188
LM End	6.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.870930°	37.870675°
				-121.330048°	-121.329969°
DWR ID	DWR_RD0524_01_f_2021_188				
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 : FA_2023_RD0524_107_188_20231101_00068.jpg



View of untrimmed trees along the landside slope. Fall 2023

* 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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