

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	11/04/2022 11/04/2022	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 shipping container on at LM 4.65, (37.890799, -121.32913). Spring 2021					

Photo 1 of 1 : FA_2022_RD0524_107_138_20220919_00038.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	11/04/2022 11/04/2022	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	0.18	Rating **	C	Issue No.	9	
LM End	0.19	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR Erosion Survey			37.939085 °	37.939085 °	
				-121.343917 °	-121.343917 °	
DWR ID	RD0524U01RM40.85					
Comment Code						
Inspector Comment						
Site ID: RD0524U01RM40.85						
08/04/2022: The site has been repaired and will be monitored one more year.						
08/20/2021: From 2014 to present, no significant changes were observed during the annual survey.						
08/13/2013: The erosion was discovered during 2013 spring levee inspection. Inspector comment: Erosion is located along the lower level of water-ward slope.						

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	11/04/2022 11/04/2022	Alberto De Leon

LM Start	0.23	Rating **	C	Issue No.	201
LM End	0.23	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.938648 °	37.938648 °
				-121.343480 °	-121.343480 °
DWR ID	DWR_RD0524_01_f_2016_201				
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	0.32	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	11/04/2022 11/04/2022	Alberto De Leon

LM Start	0.34	Rating **	C	Issue No.	1
LM End	0.35	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.938461 °	37.938461 °
				-121.341526 °	-121.341526 °
DWR ID	RD0524U01RM40.93				
Comment Code					
Inspector Comment					
Site ID: RD0524U01RM40.93					
08/04/2022: The site has been repaired and will be monitored one more year.					
08/20/2021: From 2018 to present, no significant changes were observed during the annual survey.					
09/13/2017: There are two pocket erosions at the site; both erosions are around 10 ft long and 6 ft high.					

No Photos

LM Start	0.35	Rating **	C	Issue No.	125
LM End	0.35	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.938470 °	37.938470 °
				-121.341390 °	-121.341390 °
DWR ID	DWR_RD0524_01_f _ 2019_125				
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	11/04/2022 11/04/2022	Alberto De Leon

LM Start	0.36	Rating **	C	Issue No.	122
LM End	0.36	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.938509 °	37.938509 °
				-121.341297 °	-121.341297 °
DWR ID	DWR_RD0524_01_f_2019_122				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	0.40	Rating **	C	Issue No.	4	
LM End	0.41	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR Erosion Survey			37.938608 °	37.938608 °	
				-121.340498 °	-121.340498 °	
DWR ID	RD0524U01RM40.99					
Comment Code						
Inspector Comment						
Site ID: RD0524U01RM40.99						
08/04/2022: The site has been repaired and will be monitored for one more year.						
08/20/2021: From 2013 to present, no significant changes were observed during the annual survey. A small erosion repair site is located immediately downstream.						
08/07/2012: The erosion is at the upper levee slope, and likely caused by slope slip. The lower levee slope is covered with dense vegetation.						

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	11/04/2022 11/04/2022	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	0.63	Rating **	C	Issue No.	2	
LM End	0.64	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR Erosion Survey			37.938247 °	37.938247 °	
				-121.336503 °	-121.336503 °	
DWR ID	RD0524U01RM41.26					
Comment Code						
Inspector Comment						
Site ID: RD0524U01RM41.26						
08/04/2022: The site has been repaired and will be monitored for one more year.						
08/20/2021: From 2018 to present, no significant changes were observed during the annual survey.						
09/13/2017: The erosion was discovered by levee inspection. The erosion site is immediately downstream of tall vegetation.						

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	11/04/2022 11/04/2022	Alberto De Leon

LM Start	0.70	Rating **	M	Issue No.	3
LM End	0.71	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.937577 °	37.937577 °
				-121.335491 °	-121.335491 °
DWR ID	RD0524U01RM41.34				
Comment Code					
Inspector Comment					
Site ID: RD0524U01RM41.34					
08/04/2022: No significant changes were observed since the previous inspection.					
08/20/2021: During the annual erosion survey the erosion length was extended by 35 feet to 50 feet.					
09/24/2020: From 2018 to present, no significant changes were observed during the annual survey.					
09/13/2017: Pocket erosion above the protected levee toe.					

LM Start	0.70	Rating **	M	Issue No.	3 (cont)
LM End	0.71	Issue Type +	Ma	Location *	

Photo 1 of 2 : SJR2022_RD0524U01RM41.34_3.JPG



8/4/2022: Front view of the erosion.

Photo 2 of 2 : SJR2022_RD0524U01RM41.34_2.JPG



8/4/2022: 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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	11/04/2022 11/04/2022	Alberto De Leon

LM Start	0.71	Rating **	M	Issue No.	13
LM End	0.73	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.937222 °	37.937222 °
				-121.335277 °	-121.335277 °
DWR ID	RD0524U01RM41.36				
Comment Code					
Inspector Comment					
Site ID: RD0524U01RM41.36					
08/04/2022: From 2016 to present, no significant changes were observed during the annual survey. Some of the old riprap has been displaced and doesn't provide adequate protection.					
06/24/2015: The erosion site is immediately downstream of the RR bridge.					

LM Start	0.71	Rating **	M	Issue No.	13 (cont)
LM End	0.73	Issue Type +	Ma	Location *	

Photo 1 of 2 : SJR2022_RD0524U01RM41.36_2.JPG



8/4/2022: Close-up view of the erosion.

Photo 2 of 2 : SJR2022_RD0524U01RM41.36_4.JPG



8/4/2022: Another view of the erosion.

LM Start	0.72	Rating **	C	Issue No.	129
LM End	0.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.937268 °	37.937268 °
				-121.335341 °	-121.335341 °
DWR ID	DWR_RD0524_01_f_2019_129				
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	Left	6.20	11/04/2022 11/04/2022	Alberto De Leon

LM Start	0.76	Rating **	U	Issue No.	8
LM End	0.77	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.936749 °	37.936749 °
				-121.334971 °	-121.334971 °
DWR ID	RD0524U01RM41.39				
Comment Code					
Inspector Comment					
Site ID: RD0524U01RM41.39					
08/04/2022: From 2013 to present, no significant changes were observed during the annual survey.					
08/07/2012: The site has been visited by boat survey. No significant change observed.					
08/23/2011: The site is located immediately upstream of a Railroad bridge. Dense vegetation at the water line blocks the view of erosion.					

LM Start	0.76	Rating **	U	Issue No.	8 (cont)
LM End	0.77	Issue Type +	Ma	Location *	

Photo 1 of 2 : SJR2022_RD0524U01RM41.39_5.JPG



8/4/2022: View of the erosion from the opposite bank.

Photo 2 of 2 : SJR2022_RD0524U01RM41.39_2.JPG



8/4/2022: 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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	11/04/2022 11/04/2022	Alberto De Leon

LM Start	0.83	Rating **	C	Issue No.	12
LM End	0.84	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.935838 °	37.935838 °
				-121.334408 °	-121.334408 °
DWR ID	RD0524U01RM41.44				
Comment Code					
Inspector Comment					
Site ID: RD0524U01RM41.44					
08/04/2022: The site has been repaired and will be monitored one more year.					
08/20/2021: Erosion site is planned for repair.					
09/24/2020: From 2014 to present, no significant changes were observed during the annual survey. The vegetation is tall and limiting the view of the erosion.					
08/13/2013: Site was discovered during boat survey. The dense vegetation blocks a clear view of the erosion. Size of erosion site was very roughly estimated.					

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

* 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	11/04/2022 11/04/2022	Alberto De Leon

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

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_2022_73982_89287.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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Unit No. 01 San Joaquin River	Left	6.20	11/04/2022 11/04/2022	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 2 of 3 : UCIP_FA_2022_73982_89288.jpg



Water-Side: view of WS slope.

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

Photo 3 of 3 : UCIP_FA_2022_73982_89289.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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Unit No. 01 San Joaquin River	Left	6.20	11/04/2022 11/04/2022	Alberto De Leon

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_2022_536_4109.jpg



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

* 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	11/04/2022 11/04/2022	Alberto De Leon

LM Start	1.02	Rating **	U	Issue No.	132
LM End	1.02	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Rills			37.935032 °	37.935032 °
				-121.331210 °	-121.331210 °
DWR ID	DWR_RD0524_01_s_2022_132				
Comment Code					
E5 : Schedule repair of rills prior to the next inspection.					
Inspector Comment					

Photo 1 of 1 : FA_2022_RD0524_107_132_20220919_00036.jpg



View of rills along the waterside slope caused by surface runoff. Spring 2022

LM Start	1.02	Rating **	M	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					

Photo 1 of 1 : FA_2022_RD0524_107_134_20220919_00037.jpg



View of animal burrow along the landside slope. Spring 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 2022

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	11/04/2022 11/04/2022	Alberto De Leon

LM Start	1.15	Rating **	U	Issue No.	5
LM End	1.23	Issue Type +	Ma	Location *	
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					
08/04/2022: From 2011 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.	5 (cont)
LM End	1.23	Issue Type +	Ma	Location *	

Photo 1 of 2 : SJR2022_RD0524U01RM41.79_4.JPG



8/4/2022: View of the erosion from the opposite bank.

Photo 2 of 2 : SJR2022_RD0524U01RM41.79_5.JPG



8/4/2022: 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 - Fall 2022

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	11/04/2022 11/04/2022	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

* 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 2022

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	11/04/2022 11/04/2022	Alberto De Leon

LM Start	1.55	Rating **	U	Issue No.	6	
LM End	1.64	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR Erosion Survey			37.927770 °	37.927770 °	
				-121.327870 °	-121.327870 °	
DWR ID	RD0524U01RM42.2					

Comment Code

Inspector Comment

Site ID: RD0524U01RM42.2

08/04/2022: From 2013 to present, no significant changes were observed during the annual survey. Several erosion pockets and undermining of the levee toe are visible. The length has been increased to 500 ft.

08/07/2012: The site has been visited by boat survey. No significant change observed.

08/23/2011: No significant change observed on site. Trees concerned still in place.

09/07/2010: No significant change observed on site. The concern here is the undermining of the levee toe where most of trees are. There are erosion pockets lined along the lower slope and at the base of the trees, exposing tree roots. There is minimal slope protection.

09/29/2009: The lower slope is lined with minor erosion pockets; some tree roots are exposed; there is visible undermining of the levee toe; site is immediately upstream of the Highway 4 Bridge; the bridge is possibly causing a scour to occur, eroding the bank.

LM Start	1.55	Rating **	U	Issue No.	6 (cont)
LM End	1.64	Issue Type +	Ma	Location *	

Photo 1 of 3 : SJR2022_RD0524U01RM42.4_2.JPG



8/4/2022: View of the erosion from the opposite bank.

Photo 2 of 3 : SJR2022_RD0524U01RM42.4_4.JPG



8/4/2022: Another view of the erosion.

* 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 - Fall 2022

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	11/04/2022 11/04/2022	Alberto De Leon

LM Start	1.55	Rating **	U	Issue No.	6 (cont)
LM End	1.64	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.927770 °	37.927770 °
				-121.327870 °	-121.327870 °
DWR ID	RD0524U01RM42.2				

Photo 3 of 3 : SJR2022_RD0524U01RM42.4_6.JPG



8/4/2022: Visible undermining of the levee toe.

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

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

* 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 2022

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	11/04/2022 11/04/2022	Alberto De Leon

LM Start	2.06	Rating **	M	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 **	A/W	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

LM Start	2.27	Rating **	M	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

* 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 2022

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	11/04/2022 11/04/2022	Alberto De Leon

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

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

* 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 2022

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	11/04/2022 11/04/2022	Alberto De Leon

LM Start	2.40	Rating **	M	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	2.44	Rating **	C	Issue No.	168
LM End	2.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.918567 °	37.918292 °
				-121.320875 °	-121.321758 °
DWR ID	DWR_RD0524_01_f_2021_168				
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	2.48	Rating **	M	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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**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	11/04/2022 11/04/2022	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 **	M	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 **	M	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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**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	11/04/2022 11/04/2022	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	2.73	Rating **	C	Issue No.	313
LM End	2.74	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.915686 °	37.915488 °
				-121.322509 °	-121.322669 °
DWR ID	DWR_RD0524_01_s _ 2021_313				
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	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

* 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 2022

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	11/04/2022 11/04/2022	Alberto De Leon

LM Start	2.86	Rating **	M	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	2.91	Rating **	C	Issue No.	161
LM End	2.91	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		37.913733 °	37.913733 °	
			-121.324398 °	-121.324398 °	
DWR ID	DWR_RD0524_01_s _ 2017_161				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	2.92	Rating **	C	Issue No.	51
LM End	2.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		37.913598 °	37.913288 °	
			-121.324425 °	-121.324476 °	
DWR ID	DWR_RD0524_01_s _ 2012_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

* 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 2022

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	11/04/2022 11/04/2022	Alberto De Leon

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					
Several rodent holes on levee slopes.					

Photo 1 of 1 : FA_2022_RD0524_107_925_20221104_00278.jpg



View of landside slope with multiple animal burrows. Fall 2022

LM Start	2.95	Rating **	A/W	Issue No.	929
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_2022_73984_89412.jpg



Overview of Levee: view of crown with pipe through 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 2022

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	11/04/2022 11/04/2022	Alberto De Leon

LM Start	2.95	Rating **	A/W	Issue No.	929 (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 2 of 3 : UCIP_FA_2022_73984_89413.jpg



Water-Side: view of WS slope with pipe out of slope.

LM Start	2.95	Rating **	A/W	Issue No.	929 (cont)
LM End	2.95	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_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

* 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 2022

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	11/04/2022 11/04/2022	Alberto De Leon

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

LM Start	3.48	Rating **	U	Issue No.	304
LM End	3.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.905971 °	37.905971 °
				-121.324235 °	-121.324235 °
DWR ID	DWR_RD0524_01_s_2021_304				
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_2022_RD0524_107_304_20221104_00277.jpg



View of large animal burrow on the landside slope. Fall 2022

LM Start	3.51	Rating **	C	Issue No.	128
LM End	3.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.905522 °	37.904433 °
				-121.323885 °	-121.324579 °
DWR ID	DWR_RD0524_01_s_2022_128				
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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**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	11/04/2022 11/04/2022	Alberto De Leon

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

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

* 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 2022

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	11/04/2022 11/04/2022	Alberto De Leon

LM Start	3.80	Rating **	C	Issue No.	299
LM End	3.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.902223 °	37.902223 °
				-121.326491 °	-121.326491 °
DWR ID	DWR_RD0524_01_s _ 2021_299				
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	3.83	Rating **	C	Issue No.	202
LM End	3.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.901790 °	37.901790 °
				-121.326538 °	-121.326538 °
DWR ID	DWR_RD0524_01_s _ 2020_202				
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	3.83	Rating **	C	Issue No.	297
LM End	3.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.901775 °	37.901775 °
				-121.326525 °	-121.326525 °
DWR ID	DWR_RD0524_01_s _ 2021_297				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
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 2022

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	11/04/2022 11/04/2022	Alberto De Leon

LM Start	3.88	Rating **	C	Issue No.	144
LM End	3.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.901007 °	37.901007 °
				-121.326447 °	-121.326447 °
DWR ID	DWR_RD0524_01_f_2020_144				
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	3.90	Rating **	C	Issue No.	296
LM End	3.90	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.900706 °	37.900706 °
				-121.326444 °	-121.326444 °
DWR ID	DWR_RD0524_01_s_2021_296				
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	3.92	Rating **	C	Issue No.	143
LM End	3.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.900491 °	37.900491 °
				-121.326461 °	-121.326461 °
DWR ID	DWR_RD0524_01_f_2020_143				
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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**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	11/04/2022 11/04/2022	Alberto De Leon

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					

No Photos

LM Start	4.04	Rating **	C	Issue No.	61
LM End	4.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.898861 °	37.898861 °
				-121.327071 °	-121.327071 °
DWR ID	DWR_RD0524_01_s_2012_61				
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	4.16	Rating **	M	Issue No.	110
LM End	4.16	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Vehicle Traffic			37.897103 °	37.897103 °
				-121.327895 °	-121.327895 °
DWR ID	DWR_RD0524_01_s_2012_110				
Comment Code					
E6 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Rills on landside slope caused by vehicular traffic..					

Photo 1 of 1 : FA_2022_RD0524_107_110_20221104_00274.jpg



View of rills along the landside ramp. 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 2022

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	11/04/2022 11/04/2022	Alberto De Leon

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

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_2022_RD0524_107_150_20221104_00273.jpg



View of wild vegetation along the landside slope and easement. Fall 2022

LM Start	4.51	Rating **	M	Issue No.	149
LM End	4.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.892579 °	37.892579 °
				-121.328321 °	-121.328321 °
DWR ID	DWR_RD0524_01_f_2022_149				
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 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 - Fall 2022

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	11/04/2022 11/04/2022	Alberto De Leon

LM Start	4.60	Rating **	M	Issue No.	124
LM End	4.63	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.891379 °	37.891061 °	
			-121.328705 °	-121.328938 °	
DWR ID	DWR_RD0524_01_f_2020_124				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	4.73	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	4.74	Rating **	M	Issue No.	145
LM End	4.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.889555 °	37.887659 °	
			-121.329781 °	-121.331089 °	
DWR ID	DWR_RD0524_01_f_2022_145				
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 - Fall 2022

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	11/04/2022 11/04/2022	Alberto De Leon

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					
2017 Strom Damage Site, ID No. 523, LMA-429,					

Photo 1 of 1 : LEVAL_FA_2022_523_4217.jpg



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	4.86	Rating **	M	Issue No.	94
LM End	4.86	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Access Gates			37.887942 °	37.887942 °
				-121.330656 °	-121.330656 °
DWR ID	DWR_RD0524_01_f_2020_94				
Comment Code					
AG : Access Gates					
Inspector Comment					
Gates require maintenance in order to properly open, close and lock.					

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 - Fall 2022

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	11/04/2022 11/04/2022	Alberto De Leon

LM Start	4.89	Rating **	M	Issue No.	93							
LM End	4.93	Issue Type +	Ma	Location *	LS							
Category	Earthen Levee		GPS Latitude/Longitude									
			Start	End								
Item	Animal Control		37.887709 °	37.887331 °								
			-121.331072 °	-121.331582 °								
DWR ID	DWR_RD0524_01_f_2020_93											
Comment Code												
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.												
Inspector Comment												

No Photos

LM Start	4.90	Rating **	C	Issue No.	180							
LM End	4.90	Issue Type +	Ma	Location *	LS							
Category	Earthen Levee		GPS Latitude/Longitude									
			Start	End								
Item	Trim / Thin Trees		37.887596 °	37.887596 °								
			-121.331164 °	-121.331164 °								
DWR ID	DWR_RD0524_01_f_2021_180											
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	4.94	Rating **	M	Issue No.	183							
LM End	4.94	Issue Type +	Ma	Location *	WS							
Category	Earthen Levee		GPS Latitude/Longitude									
			Start	End								
Item	Animal Control		37.887182 °	37.887182 °								
			-121.331693 °	-121.331693 °								
DWR ID	DWR_RD0524_01_s_2020_183											
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 2022

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	11/04/2022 11/04/2022	Alberto De Leon

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	4.99	Rating **	M	Issue No.	141
LM End	4.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.886472 °	37.886472 °
				-121.332046 °	-121.332046 °
DWR ID	DWR_RD0524_01_f_2022_141				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	5.02	Rating **	M	Issue No.	140
LM End	5.02	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.886084 °	37.886084 °
				-121.332077 °	-121.332077 °
DWR ID	DWR_RD0524_01_f_2022_140				
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 - Fall 2022

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	11/04/2022 11/04/2022	Alberto De Leon

LM Start	5.03	Rating **	M	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

LM Start	5.18	Rating **	C	Issue No.	290
LM End	5.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		37.883790 °	37.883790 °	
			-121.332137 °	-121.332137 °	
DWR ID	DWR_RD0524_01_s _ 2021_290				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	5.19	Rating **	M	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

* 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 2022

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	11/04/2022 11/04/2022	Alberto De Leon

LM Start	5.21	Rating **	C	Issue No.	288
LM End	5.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.883355 °	37.883355 °
				-121.332163 °	-121.332163 °
DWR ID	DWR_RD0524_01_s _ 2021_288				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	5.29	Rating **	C	Issue No.	106
LM End	5.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.882247 °	37.882247 °
				-121.332659 °	-121.332659 °
DWR ID	DWR_RD0524_01_s _ 2022_106				
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	5.29	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

* 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 2022

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	11/04/2022 11/04/2022	Alberto De Leon

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

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

* 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 2022

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	11/04/2022 11/04/2022	Alberto De Leon

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			37.880584 °	37.880584 °
				-121.332901 °	-121.332901 °
DWR ID	20630				
Comment Code					
Inspector Comment					
DS_ID:20630 FS_ID:73985 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 5, Pipe Damage Crossing Status: Found UCIP Comments: 06/24/2020 Record updated from Urgent to Non-Urgent. Pipe damage visible on WS. Crossing appears abandoned. Limited inspection on LS due to overgrown vegetation. System Feature. Associated with DSID 20659. (D.Sanoski - DWR UCIP) 10/2/2018 Same as last inspection. Holes present in pipe pose a potential threat to levee's internal integrity. Recommend video inspection (D. Sanoski - DWR UCIP).11/16/2016 same as previous inspection hole in pipe is still pressent on WS near toe. This pipe does not appear to be in use. Need to contact owner to determine status of crossing. If the crossing is abandoned or still in use, owner will need to coordinate with the CVFPB to comply with Title 23 requirements. (O. Magana - DWR UCIP)08/23/2013 flap gate damage and does not work at WS toe. Large hole in pipe at WS toe. Pipe appears abandoned and should be done so properly. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: *ABANDONED* 1 of 2: 12-inch steel irrigation pipe through the levee, 6 feet below the crown. Flap gate located on the WS end. LS end not found. [Additional Reference(s): DWR Levee Log, 2004 (HLM 5.48, listed as 10-inch (DSID 20659)). USACE San Joaquin O&M Manual, Unit 7, April 1964, Revised 29 December 2016, (5.48), listed as 10-inch pipe (DSID 20659). Drawing No. 07-04-1490, Sheet 1490/4, (Station 8+01.3)]. FS Date: 6/24/2020 2:53:00 PM					

Photo 1 of 3 : UCIP_FA_2022_73985_89482.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 2022

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	11/04/2022 11/04/2022	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			37.880584 °	37.880584 °
				-121.332901 °	-121.332901 °
DWR ID	20630				

Photo 2 of 3 : UCIP_FA_2022_73985_89483.jpg



Water-Side: view of WS slope and pipe.

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

Photo 3 of 3 : UCIP_FA_2022_73985_78506.jpg



LS view - could not find pipe outlet.

* 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 2022

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	11/04/2022 11/04/2022	Alberto De Leon

LM Start	5.41	Rating **	M	Issue No.	931
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: *REMOVED* 2 of 2: 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].
FS Date: 6/24/2020 2:24:00 PM

LM Start	5.41	Rating **	M	Issue No.	931 (cont)
LM End	5.41	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_73986_89484.jpg



Top of Levee: view of crown.

Photo 2 of 3 : UCIP_FA_2022_73986_89485.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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**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	11/04/2022 11/04/2022	Alberto De Leon

LM Start	5.41	Rating **	M	Issue No.	931 (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 3 of 3 : UCIP_FA_2022_73986_89486.jpg



Land-Side: view of LS slope.

LM Start	5.42	Rating **	M	Issue No.	932
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. Associated with DSID 24050, 8-inch pipe sleeved through this 10-inch pipe. (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 (DSID 24050) 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

Photo 1 of 3 : UCIP_FA_2022_73987_89490.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 2022

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	11/04/2022 11/04/2022	Alberto De Leon

LM Start	5.42	Rating **	M	Issue No.	932 (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 2 of 3 : UCIP_FA_2022_73987_89491.jpg



Water-Side: view of WS slope and pipe.

LM Start	5.42	Rating **	M	Issue No.	932 (cont)
LM End	5.42	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_73987_89492.jpg



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

* 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 2022

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	11/04/2022 11/04/2022	Alberto De Leon

LM Start	5.53	Rating **	M	Issue No.	10
LM End	5.54	Issue Type +	Ma	Location *	
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					
07/15/2022: 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.					

LM Start	5.53	Rating **	M	Issue No.	10 (cont)
LM End	5.54	Issue Type +	Ma	Location *	

Photo 1 of 2 : SJR2022_RD0524U01RM46.06_4.JPG



7/15/2022: View of the erosion immediately downstream of an irrigation pipe.

Photo 2 of 2 : SJR2022_RD0524U01RM46.06_3.JPG



7/15/2022: 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 - Fall 2022

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	11/04/2022 11/04/2022	Alberto De Leon

LM Start	5.58	Rating **	M	Issue No.	120
LM End	5.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.878196 °	37.878196 °	
			-121.332789 °	-121.332789 °	
DWR ID	DWR_RD0524_01_f_2022_120				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	5.59	Rating **	A/W	Issue No.	197
LM End	5.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.878036 °	37.875076 °	
			-121.332735 °	-121.333223 °	
DWR ID	DWR_RD0524_01_f_2019_197				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	5.64	Rating **	M	Issue No.	80
LM End	5.64	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Access Gates		37.877317 °	37.877317 °	
			-121.332363 °	-121.332363 °	
DWR ID	DWR_RD0524_01_f_2020_80				
Comment Code					
AG : Access Gates					
Inspector Comment					
Gates require maintenance in order to properly open, close and lock.					

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 2022

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	11/04/2022 11/04/2022	Alberto De Leon

LM Start	5.74	Rating **	M	Issue No.	186
LM End	5.74	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.875880 °	37.875880 °	
			-121.332766 °	-121.332766 °	
DWR ID	DWR_RD0524_01_f_2021_186				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	5.82	Rating **	M	Issue No.	117
LM End	5.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		37.874860 °	37.874860 °	
			-121.333276 °	-121.333276 °	
DWR ID	DWR_RD0524_01_f_2022_117				
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	5.82	Rating **	M	Issue No.	112
LM End	5.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.874841 °	37.874202 °	
			-121.333275 °	-121.333199 °	
DWR ID	DWR_RD0524_01_f_2022_112				
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 - Fall 2022

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	11/04/2022 11/04/2022	Alberto De Leon

LM Start	5.85	Rating **	M	Issue No.	108
LM End	5.91	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.874408 °	37.873734 °
				-121.333237 °	-121.332730 °
DWR ID	DWR_RD0524_01_f_2022_108				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	5.86	Rating **	M	Issue No.	934	
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_2022_73988_89618.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 2022

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	11/04/2022 11/04/2022	Alberto De Leon

LM Start	5.86	Rating **	M	Issue No.	934 (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 2 of 3 : UCIP_FA_2022_73988_89619.jpg



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

LM Start	5.86	Rating **	M	Issue No.	934 (cont)
LM End	5.86	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_73988_89620.jpg



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

LM Start	5.87	Rating **	C	Issue No.	15
LM End	5.87	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.874185 °	37.874185 °
				-121.333110 °	-121.333110 °
DWR ID	DWR_RD0524_01_f_2021_15				
Comment Code					
E1 : Note and monitor erosion site.					
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 2022

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	11/04/2022 11/04/2022	Alberto De Leon

LM Start	5.87	Rating **	M	Issue No.	935	
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. 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: *ABANDONED* 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_2022_73989_89624.jpg



Top of Levee: view of crown.

LM Start	5.87	Rating **	M	Issue No.	935 (cont)
LM End	5.87	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_73989_89625.jpg



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

* 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 2022

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	11/04/2022 11/04/2022	Alberto De Leon

LM Start	5.87	Rating **	M	Issue No.	935 (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 3 of 3 : UCIP_FA_2022_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

LM Start	6.02	Rating **	M	Issue No.	97
LM End	6.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.872869 °	37.871761 °
				-121.331101 °	-121.330375 °
DWR ID	DWR_RD0524_01_f_2022_97				
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 - Fall 2022

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	11/04/2022 11/04/2022	Alberto De Leon

LM Start	6.03	Rating **	M	Issue No.	105
LM End	6.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.872773 °	37.872773 °
				-121.330974 °	-121.330974 °
DWR ID	DWR_RD0524_01_f_2022_105				
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	6.05	Rating **	M	Issue No.	272
LM End	6.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.872431 °	37.872121 °
				-121.330719 °	-121.330568 °
DWR ID	DWR_RD0524_01_f_2017_272				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	6.07	Rating **	M	Issue No.	99
LM End	6.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.872194 °	37.872194 °
				-121.330569 °	-121.330569 °
DWR ID	DWR_RD0524_01_f_2022_99				
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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