

Flood Control Project Maintenance Levee Inspections

Fall 2024 Levee Maintenance Deficiency Summary Report

San Joaquin River Basin

RD0524	Overall LMA Rating	Total LMA Miles						
Reclamation District No. 0524 Middle Roberts Island	U	6.20						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	3.49	0.22	4.37	70.51%	0.01	0.01		
Trim / Thin Trees	0.42	0.02	0.50	8.07%				
Encroachments					0.75	0.02		
Animal Control	0.67	0.47	2.55	41.14%				
Erosion / Foot Traffic	0.01		0.01	0.16%				
<i>Supplemental</i>								
DWR Erosion Survey	0.02	0.08	0.34	5.49%				
DWR UCIP Field Study					0.07	0.05		
DWR UCIP LMA Responsibility	0.05		0.05	0.81%				
<i>LMA Totals:</i>	4.66	0.79	7.82	126.18%	0.83	0.08	0.00	0.00

Unit No. 01 San Joaquin River LB	Overall Unit Rating	Total Unit Miles						
RD0524	U	6.20						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	3.49	0.22	4.37	70.51%	0.01	0.01		
Trim / Thin Trees	0.42	0.02	0.50	8.07%				
Encroachments					0.75	0.02		
Animal Control	0.67	0.47	2.55	41.14%				
Erosion / Foot Traffic	0.01		0.01	0.16%				
<i>Supplemental</i>								
DWR Erosion Survey	0.02	0.08	0.34	5.49%				
DWR UCIP Field Study					0.07	0.05		
DWR UCIP LMA Responsibility	0.05		0.05	0.81%				
<i>Unit Totals:</i>	4.66	0.79	7.82	126.18%	0.83	0.08	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections
LMA District Cover Sheet**

Reclamation District No. 0524 Middle Roberts Island

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)			U	

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections
Unit Cover Sheet**

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles
Unit No. 01 San Joaquin River	Left	6.20

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	3/14/2024 - 3/14/2024		10/29/2024 - 10/29/2024	
DWR Inspector	Alberto De Leon		Alberto De Leon	
Accompanied By	Aaron Lickingteller KSN-District Engineer		Aaron Lickingteller KSN-District Engineer	
	Michael Engelmann DWR		Michael Engelmann DWR	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	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				o
					o
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				o
					o
DWR ID	DWR_RD0524_01_s _ 2012_123				
Comment Code					
FP : Flood Preparedness & Training					
Inspector Comment					

No Photos

LM Start	0.00	Rating **	A	Issue No.	138
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment				°
					°
DWR ID	DWR_RD0524_01_s _ 2013_138				
Comment Code					
ES : Emergency Supplies & Equipment					
Inspector Comment					
The LMA has emergency supplies or equipment stored in a shipping container at LM 4.65, (37.890799, -121.32913).					

Photo 1 of 1 : FA_2024_RD0524_107_138_20240910_00022.jpg



View of container with Districts Flood Fight Materials. Spring 2021

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

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	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	0.30	Rating **	M	Issue No.	926
LM End	0.30	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.938360 °	37.938360 °
				-121.342338 °	-121.342338 °
DWR ID	20590				
Comment Code					
Inspector Comment					
DS_ID:20590 FS_ID:83419 EP_NO: 6035 Repair Type: Non-Urgent EVAL Issue: 6, Levee Damage or Threat for Levee Damage Crossing Status: Not Found UCIP Comments: 04/29/2020 Record updated from No Action Needed to Non-Urgent. Pipe removed under maintenance by KSN according to Aaron Lickingteller. No permit found for removal so pipe status will remain abandoned with permit until documentation can be found for pipe removal. Minor sloughing on LS within 15 feet of levee toe. (J. Taylor - DWR UCIP) 6/23/2020 Record remains No Action Needed. Crossing abandoned under Permit No. 6035. (D.Sanoski - DWR UCIP) FIELD_STRUCT_DESC: *ABANDONED* 14-inch irrigation pipe of an unknown material through the levee, 3 feet below the crown. Plugged with concrete. Concrete pad for pump still exists on the waterside (WS) shoulder. (14-inch abandoned pipe authorized under Permit No. 6035, 1968 - City of Stockton). [Additional Reference(s): DWR Levee Log, 2004 (HLM 0.30). USACE San Joaquin O&M Manual, Unit 7, April 1964, Revised 29 December 2016, (0.27), listed as 14-inch pipe]. FS Date: 4/29/2024 2:36:38 PM					

Photo 1 of 3 : UCIP_FA_2024_83419_121986.jpg



Overview of levee crown looking upstream.

* 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	

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	0.30	Rating **	M	Issue No.	926 (cont)
LM End	0.30	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.938360 °	37.938360 °
				-121.342338 °	-121.342338 °
DWR ID	20590				

Photo 2 of 3 : UCIP_FA_2024_83419_121987.jpg



WS view: overview of WS shoulder. abandoned concrete pad removed.

LM Start	0.30	Rating **	M	Issue No.	926 (cont)
LM End	0.30	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2024_83419_121985.jpg



LS view: minor sloughing about 15 feet off LS toe.

LM Start	0.32	Rating **	M	Issue No.	113
LM End	0.37	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.938434 °	37.938535 °
				-121.341967 °	-121.341037 °
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

* 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	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2024

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	0.44	Rating **	A/W	Issue No.	126
LM End	0.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.938662 °	37.938662 °
				-121.339723 °	-121.339723 °
DWR ID	DWR_RD0524_01_f _ 2019_126				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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

No Photos

LM Start	0.93	Rating **	M	Issue No.	158
LM End	0.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.935262 °	37.935168 °
				-121.332745 °	-121.331917 °
DWR ID	DWR_RD0524_01_s_2017_158				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	0.98	Rating **	M	Issue No.	927
LM End	0.98	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.935163 °	37.935163 °
				-121.331887 °	-121.331887 °
DWR ID	20598				
Comment Code					
Inspector Comment					
DS_ID:20598 FS_ID:83469 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 04/29/2024 Record remains Non-Urgent. Pipe is a good candidate for internal pipe inspection. (J. Taylor - DWR UCIP) 06/23/2020 Record updated from No Action Needed to Non-Urgent. System Feature. Crossing appears abandoned. (D.Sanoski - DWR UCIP) FIELD_STRUCT_DESC: 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: 4/29/2024 12:26:34 PM					

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

Photo 1 of 3 : UCIP_FA_2024_83469_122088.jpg



Overview of levee crown looking U/S.

Photo 2 of 3 : UCIP_FA_2024_83469_122089.jpg



WS view: overview of WS slope with the concrete headwall in WS slope.

* 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	

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

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

Photo 3 of 3 : UCIP_FA_2024_83469_122090.jpg



WS view: view of concrete headwall. Pipe not safely accessible.

LM Start	1.01	Rating **	A/W	Issue No.	324
LM End	1.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.935057 °	37.934977 °
				-121.331356 °	-121.331027 °
DWR ID	DWR_RD0524_01_s_2021_324				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	1.02	Rating **	A/W	Issue No.	208
LM End	1.02	Issue Type +	Ob	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Seepage / Sandboils			37.934840 °	37.934840 °
				-121.331190 °	-121.331190 °
DWR ID	188-47				
Comment Code					
SS : Seepage / Sandboils					
Inspector Comment					
This was a 2017 Storm Damage Site.					
Site ID No:86					
Site Designation:188-47					

No Photos

* 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	

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	1.15	Rating **	U	Issue No.	1
LM End	1.23	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.933347 °	37.933347 °
				-121.329110 °	-121.329110 °
DWR ID	RD0524U01RM41.79				
Comment Code					
Inspector Comment					
Site ID: RD0524U01RM41.79 8/9/2024: From 2010 to present, no significant changes were observed during the annual survey. Minimal vegetation covers the upper levee slope. The lower slope is covered with medium dense vegetation. Riprap is visible in some areas. 09/07/2010: Vegetation is visible at the water line. There is an exposed pipe discharge partially hanging at the mid-slope, possibly still used for discharging irrigation/runoff water. There is minimal rip rap protection along the bank, and what's left of it is no longer adequately protecting the bank. 9/29/2009: Site consists of a 400-foot long eroding bank with minimal vegetation and protection; the existing rip rap has sloughed, rendering it useless; note that there is an exposed section of a pipe. 10/18/2006: There is extensive loss of rip rap on some sections; sewage disposal pond is on the landside of the levee; there is an exposed pipe outlet "hanging" from the upper slope.					

Photo 1 of 1 : SJR2024_RD0524U01RM41.79_1.JPG



8/9/2024: Aerial view of the erosion.

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

* 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	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	1.22	Rating **	M	Issue No.	322
LM End	1.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.933029 °	37.932760 °
				-121.328901 °	-121.328780 °
DWR ID	DWR_RD0524_01_s_2021_322				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	1.28	Rating **	M	Issue No.	104
LM End	1.28	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.932135 °	37.932135 °
				-121.328478 °	-121.328478 °
DWR ID	DWR_RD0524_01_f_2024_104				
Comment Code					
T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	1.29	Rating **	U	Issue No.	50
LM End	1.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.932091 °	37.932091 °
				-121.328432 °	-121.328432 °
DWR ID	DWR_RD0524_01_s_2024_50				
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_2024_RD0524_107_50_20240910_00017.jpg



View of large animal burrow along the landside slope. Spring 2024

* 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	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2024

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	1.56	Rating **	M	Issue No.	99
LM End	1.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.928134 °	37.927628 °
				-121.328173 °	-121.327708 °
DWR ID	DWR_RD0524_01_f _ 2024_99				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	1.58	Rating **	M	Issue No.	103
LM End	1.61	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.927949 °	37.927628 °
				-121.328051 °	-121.327708 °
DWR ID	DWR_RD0524_01_f_2024_103				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	1.60	Rating **	M	Issue No.	131
LM End	1.60	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.927698 °	37.927698 °
				-121.327806 °	-121.327806 °
DWR ID	DWR_RD0524_01_s_2022_131				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable 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**

Levee Inspection Report By Mile - Fall 2024

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	1.63	Rating **	M	Issue No.	47
LM End	1.63	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.927402°	37.927402°
				-121.327317°	-121.327317°
DWR ID	DWR_RD0524_01_s_2024_47				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	1.67	Rating **	M	Issue No.	97
LM End	1.68	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.927049 °	37.926909 °
				-121.326893 °	-121.326718 °
DWR ID	DWR_RD0524_01_f_2024_97				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	1.67	Rating **	M	Issue No.	267
LM End	1.67	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.927014 °	37.927014 °
				-121.326858 °	-121.326858 °
DWR ID	DWR_RD0524_01_s_2020_267				
Comment Code					
ST : Stairway					
Inspector Comment					

Photo 1 of 1 : FA_2024_RD0524_107_267_20240910_00032.jpg



View of concrete stairs on landside slope. Spring 2020

* 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	
---	--	--	--	--	--

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	1.74	Rating **	M	Issue No.	96
LM End	1.76	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.926266 °	37.925990 °
				-121.326082 °	-121.325811 °
DWR ID	DWR_RD0524_01_f _ 2024_96				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	1.81	Rating **	U	Issue No.	148
LM End	1.81	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.925457 °	37.925457 °
				-121.325332 °	-121.325332 °
DWR ID	DWR_RD0524_01_f_2019_148				
Comment Code					
BU : Building					
Inspector Comment					
A pump house is located on the waterside shoulder.					

Photo 1 of 1 : FA_2024_RD0524_107_148_20240910_00023.jpg



View of pump house on waterside shoulder. Spring 2024

* 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	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	1.81	Rating **	U	Issue No.	928
LM End	1.81	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.925429 °	37.925429 °
				-121.325323 °	-121.325323 °
DWR ID	20609				
Comment Code					
Inspector Comment					
DS_ID:20609 FS_ID:83639 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 04/29/2024 Record updated from Non-Urgent to Urgent. Leaking pipe on both WS and LS. On LS water is coming out of the LS toe and causing significant erosion on LS slope. Leaking on WS is coming from the wrap on the pipe but does not appear to be causing erosion on the levee slope. (J. Taylor - DWR UCIP) 6/23/2020 Record remains Non-Urgent. Unauthorized encroachment recorded in Levee Log prior to 2011. No permit has been identified authorizing pipe. (D.Sanoski - DWR UCIP) FIELD_STRUCT_DESC: 14-inch irrigation pipe of an unknown material through the levee, 20 feet below the crown. 2 pumps and gate valves discharge into surge tank in pump house on the waterside (WS) slope. Concrete distribution box removed from the WS slope. Abandoned 36-inch diameter concrete standpipe on the landside (LS) toe next to service pole. [Additional Reference(s): DWR Levee Log, 2004. USACE San Joaquin O&M Manual 7, April 1964, (HLM 1.83)]. FS Date: 4/29/2024 7:59:42 AM					

LM Start	1.81	Rating **	U	Issue No.	928 (cont)
LM End	1.81	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2024_83639_122624.jpg



Overview of levee crown.

Photo 2 of 3 : UCIP_FA_2024_83639_122618.jpg



LS view: view of erosion caused by pipe on LS slope and toe.

* 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	

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	1.81	Rating **	U	Issue No.	928 (cont)
LM End	1.81	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.925429 °	37.925429 °
				-121.325323 °	-121.325323 °
DWR ID	20609				

Photo 3 of 3 : UCIP_FA_2024_83639_122619.jpg



LS view: pipe leaking up through the levee slope like a boil.

LM Start	1.90	Rating **	M	Issue No.	18
LM End	1.90	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.924371 °	37.924371 °
				-121.324458 °	-121.324458 °
DWR ID	DWR_RD0524_01_s_2023_18				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	1.94	Rating **	C	Issue No.	46
LM End	1.94	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.923780 °	37.923780 °
				-121.324257 °	-121.324257 °
DWR ID	DWR_RD0524_01_s_2024_46				
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
--	--	--	---

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	1.95	Rating **	M	Issue No.	94
LM End	1.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.923649 °	37.923649 °
				-121.324209 °	-121.324209 °
DWR ID	DWR_RD0524_01_f _ 2024_94				
Comment Code					
T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	1.99	Rating **	M	Issue No.	93
LM End	2.04	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.923014 °	37.922482 °
				-121.323973 °	-121.323522 °
DWR ID	DWR_RD0524_01_f_2024_93				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	1.99	Rating **	M	Issue No.	92
LM End	2.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.923003 °	37.922454 °
				-121.323978 °	-121.323539 °
DWR ID	DWR_RD0524_01_f_2024_92				
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	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	2.00	Rating **	M	Issue No.	316
LM End	2.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.922873 °	37.922873 °
				-121.323830 °	-121.323830 °
DWR ID	DWR_RD0524_01_s_2021_316				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	2.04	Rating **	U	Issue No.	929
LM End	2.04	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.922453 °	37.922453 °
				-121.323500 °	-121.323500 °
DWR ID	20611				
Comment Code					
Inspector Comment					
DS_ID:20611 FS_ID:83659 EP_NO: N/A Repair Type: Urgent EVAL Issue: 3b, Flood Risk Crossing Status: Found UCIP Comments: 04/29/2024 Record updated from Non-Urgent to Urgent. Pipe is open on the WS slope where pipe is sleeved approximately 5 feet below levee crown, also open on LS. Because the opening is above the 200-year WSE it received code 3b and is a flood risk during high water events. (J. Taylor - DWR UCIP) 06/23/2020 Record updated from No Action Needed to Non-Urgent. No permit has been identified authorizing pipe. (D.Sanoski - DWR UCIP) FIELD_STRUCT_DESC: 6-inch irrigation pipe of an unknown material through the levee, 3.5 feet below the crown. 4.5-inch irrigation pipe of unknown material sleeved through 6-inch pipe. Pump on concrete slab on the waterside (WS) slope. 6-foot by 6-foot brick distribution box and power pole at the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 2004 (HLM 2.06). USACE San Joaquin O&M Manual, Unit 7, April 1964, Revised 29 December 2016, (2.06), listed as 6-inch pipe]. FS Date: 4/29/2024 12:06:37 PM					

Photo 1 of 3 : UCIP_FA_2024_83659_122685.jpg



WS view: overview of WS slope with sleeved pipe and pump visible on slope.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2024

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	2.04	Rating **	U	Issue No.	929 (cont)
LM End	2.04	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.922453 °	37.922453 °
				-121.323500 °	-121.323500 °
DWR ID	20611				

Photo 2 of 3 : UCIP_FA_2024_83659_122683.jpg



WS view: view of loosely sleeved pipe which is a flood threat during high water. Approximately 5 feet below levee crown.

LM Start	2.04	Rating **	U	Issue No.	929 (cont)
LM End	2.04	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2024_83659_122686.jpg



LS view: overview of LS slope and pipe on slope along with distribution box outfall.

LM Start	2.06	Rating **	U	Issue No.	315
LM End	2.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.922177 °	37.922177 °
				-121.323221 °	-121.323221 °
DWR ID	DWR_RD0524_01_s_2021_315				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

* 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	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	2.09	Rating **	M	Issue No.	88
LM End	2.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.921931 °	37.920570 °
				-121.322957 °	-121.320744 °
DWR ID	DWR_RD0524_01_f_2024_88				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	2.09	Rating **	U	Issue No.	250
LM End	2.09	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.921887 °	37.921887 °
				-121.322846 °	-121.322846 °
DWR ID	DWR_RD0524_01_s_2021_250				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	2.10	Rating **	M	Issue No.	91
LM End	2.20	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.921778 °	37.920865 °
				-121.322738 °	-121.321275 °
DWR ID	DWR_RD0524_01_f_2024_91				
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
--	--	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2024

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	2.12	Rating **	M	Issue No.	247
LM End	2.12	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.921664 °	37.921664 °
				-121.322499 °	-121.322499 °
DWR ID	DWR_RD0524_01_f _ 2017_247				
Comment Code					
ST : Stairway					
Inspector Comment					
Landowner installed rubber tires for a stairway on the landside slope.					

Photo 1 of 1 : FA_2024_RD0524_107_247_20240910_00031.jpg



View of rubber tires being used as stairs on landside slope. Fall 2021

LM Start	2.27	Rating **	U	Issue No.	32
LM End	2.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.920372 °	37.920167 °
				-121.320230 °	-121.319890 °
DWR ID	DWR_RD0524_01_s_2012_32				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	2.29	Rating **	A/W	Issue No.	256
LM End	2.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.920223 °	37.920223 °
				-121.319986 °	-121.319986 °
DWR ID	DWR_RD0524_01_s_2020_256				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

* 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**

Levee Inspection Report By Mile - Fall 2024

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

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	2.34	Rating **	M	Issue No.	87
LM End	2.45	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.919552 °	37.918471 °
				-121.319637 °	-121.321095 °
DWR ID	DWR_RD0524_01_f_2024_87				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	2.34	Rating **	M	Issue No.	86
LM End	2.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.919548 °	37.918476 °
				-121.319633 °	-121.321100 °
DWR ID	DWR_RD0524_01_f_2024_86				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2024

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	2.36	Rating **	M	Issue No.	252
LM End	2.36	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.919244 °	37.919244 °
				-121.319767 °	-121.319767 °
DWR ID	DWR_RD0524_01_s _ 2020_252				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	2.40	Rating **	U	Issue No.	37
LM End	2.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.918867 °	37.918568 °
				-121.320296 °	-121.320875 °
DWR ID	DWR_RD0524_01_s _ 2012_37				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	2.48	Rating **	U	Issue No.	249
LM End	2.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.918382 °	37.918382 °
				-121.321475 °	-121.321475 °
DWR ID	DWR_RD0524_01_f _ 2017_249				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2024

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

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

No Photos

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

No Photos

LM Start	2.53	Rating **	U	Issue No.	40
LM End	2.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.918022 °	37.917373 °
				-121.322445 °	-121.322785 °
DWR ID	DWR_RD0524_01_s_2012_40				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable 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**

Levee Inspection Report By Mile - Fall 2024

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	2.59	Rating **	M	Issue No.	85
LM End	2.63	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.917265 °	37.916884 °
				-121.322712 °	-121.322245 °
DWR ID	DWR_RD0524_01_f _ 2024_85				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

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	2.69	Rating **	M	Issue No.	83
LM End	2.72	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.916160 °	37.915813 °
				-121.322108 °	-121.322441 °
DWR ID	DWR_RD0524_01_f_2024_83				
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**

Levee Inspection Report By Mile - Fall 2024

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	2.69	Rating **	M	Issue No.	84
LM End	2.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.916095°	37.916095°
				-121.322162°	-121.322162°
DWR ID	DWR_RD0524_01_f_2024_84				
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	2.71	Rating **	M	Issue No.	82
LM End	2.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.915909 °	37.915712 °
				-121.322341 °	-121.322483 °
DWR ID	DWR_RD0524_01_f_2024_82				
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	2.77	Rating **	M	Issue No.	25
LM End	3.09	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.915202 °	37.911155 °
				-121.322912 °	-121.324984 °
DWR ID	DWR_RD0524_01_f_2023_25				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable 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**

Levee Inspection Report By Mile - Fall 2024

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	2.77	Rating **	M	Issue No.	79
LM End	2.89	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.915200°	37.913995°
				-121.322922°	-121.324362°
DWR ID	DWR_RD0524_01_f_2024_79				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	2.77	Rating **	M	Issue No.	81
LM End	2.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.915196°	37.914771°
				-121.322937°	-121.323871°
DWR ID	DWR_RD0524_01_f_2024_81				
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 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**

Levee Inspection Report By Mile - Fall 2024

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	2.85	Rating **	M	Issue No.	80
LM End	2.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.914571 °	37.914224 °
				-121.324095 °	-121.324316 °
DWR ID	DWR_RD0524_01_f _ 2024_80				
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	2.86	Rating **	U	Issue No.	49
LM End	2.86	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.914427 °	37.914427 °
				-121.324198 °	-121.324198 °
DWR ID	DWR_RD0524_01_s_2012_49				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	2.91	Rating **	M	Issue No.	223
LM End	2.91	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.913745 °	37.913745 °
				-121.324404 °	-121.324404 °
DWR ID	DWR_RD0524_01_s_2020_223				
Comment Code					
ST : Stairway					
Inspector Comment					

Photo 1 of 1 : FA_2024_RD0524_107_223_20240910_00028.jpg



View of stairs cut into levee landside slope. Fall 2022

* 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****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	2.91	Rating **	M	Issue No.	78
LM End	2.93	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.913645 °	37.913358 °
				-121.324415 °	-121.324438 °
DWR ID	DWR_RD0524_01_f _ 2024_78				
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	2.94	Rating **	U	Issue No.	925
LM End	3.28	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.913206 °	37.908410 °
				-121.324533 °	-121.325438 °
DWR ID	DWR_RD0524_01_s_2012_925				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
There are several rodent holes on the levee slope.					

Photo 1 of 1 : FA_2024_RD0524_107_925_20240910_00035.jpg



View of multiple animal burrows along the landside slope. Spring 2024

* 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	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	2.95	Rating **	A	Issue No.	930	
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:83695 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Indicator Found UCIP Comments: 04/29/2024 Record remains No Action Needed. No issues observed during inspection. (J. Taylor - DWR UCIP) 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: 4/29/2024 11:15:32 AM						

LM Start	2.95	Rating **	A	Issue No.	930 (cont)
LM End	2.95	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2024_83695_122789.jpg



Overview of levee crown.

Photo 2 of 3 : UCIP_FA_2024_83695_122790.jpg



WS view: overview of WS slope and channel with pipe visible on slope and entering near WS shoulder.

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

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	2.95	Rating **	A	Issue No.	930 (cont)
LM End	2.95	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.913101°	37.913101°
				-121.324500°	-121.324500°
DWR ID	20617				

Photo 3 of 3 : UCIP_FA_2024_83695_122791.jpg



LS view: overview of LS slope and toe with pipe visible on slope and entering near LS shoulder.

LM Start	3.12	Rating **	M	Issue No.	220
LM End	3.12	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.910786 °	37.910786 °
				-121.325243 °	-121.325243 °
DWR ID	DWR_RD0524_01_s_2020_220				
Comment Code					
RW : Retaining Wall					
Inspector Comment					
An old retaining wall made of bricks on the waterside slope is in poor condition.					

Photo 1 of 1 : FA_2024_RD0524_107_220_20240910_00027.jpg



View of damaged retaining wall on waterside slope. Approximately 30 ft. long, 8 ft. high and 20 ft. from waterside hinge. Spring 2020

* 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	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2024

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	3.14	Rating **	U	Issue No.	45
LM End	3.22	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.910529 °	37.909325 °
				-121.325415 °	-121.325411 °
DWR ID	DWR_RD0524_01_s_2024_45				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	3.18	Rating **	M	Issue No.	211
LM End	3.18	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.909945 °	37.909945 °
				-121.325543 °	-121.325543 °
DWR ID	DWR_RD0524_01_f_2020_211				
Comment Code					
RA : Ramp					
Inspector Comment					
There is an unauthorized ramp on the landside slope.					

Photo 1 of 1 : FA_2024_RD0524_107_211_20240910_00026.jpg



Looking northwest at unauthorized ramp on landward slope.

LM Start	3.30	Rating **	M	Issue No.	44
LM End	3.30	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.908137 °	37.908137 °
				-121.325398 °	-121.325398 °
DWR ID	DWR_RD0524_01_s_2024_44				
Comment Code					
PR : Prunings					
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	
---	--	--	--	--	--

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	3.31	Rating **	M	Issue No.	77
LM End	3.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.908016°	37.907018°
				-121.325419°	-121.325353°
DWR ID	DWR_RD0524_01_f_2024_77				
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	3.34	Rating **	M	Issue No.	215
LM End	3.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.907563 °	37.907563 °
				-121.325439 °	-121.325439 °
DWR ID	DWR_RD0524_01_s_2020_215				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	3.36	Rating **	U	Issue No.	42
LM End	3.37	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.907332 °	37.907122 °
				-121.325422 °	-121.325362 °
DWR ID	DWR_RD0524_01_s_2024_42				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA_2024_RD0524_107_42_20240910_00015.jpg



View of ivy covering the landside slope and easement. Spring 2024

* 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	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2024

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	3.38	Rating **	M	Issue No.	305
LM End	3.44	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.907021 °	37.906294 °
				-121.325346 °	-121.324759 °
DWR ID	DWR_RD0524_01_s_2021_305				
Comment Code					
FE : Fence					
Inspector Comment					

No Photos

LM Start	3.39	Rating **	M	Issue No.	153
LM End	3.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.906935 °	37.906935 °
				-121.325310 °	-121.325310 °
DWR ID	DWR_RD0524_01_f_2020_153				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	3.40	Rating **	M	Issue No.	76
LM End	3.43	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.906737 °	37.906400 °
				-121.325289 °	-121.324997 °
DWR ID	DWR_RD0524_01_f_2024_76				
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	
---	--	--	--	--	--

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	3.44	Rating **	M	Issue No.	75
LM End	3.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.906254 °	37.906254 °
				-121.324745 °	-121.324745 °
DWR ID	DWR_RD0524_01_f _ 2024_75				
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	3.49	Rating **	U	Issue No.	41
LM End	3.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.905844 °	37.905844 °
				-121.324057 °	-121.324057 °
DWR ID	DWR_RD0524_01_s_2024_41				
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_2024_RD0524_107_41_20240910_00014.jpg



View of large animal burrow along the waterside slope. Spring 2024

LM Start	3.50	Rating **	M	Issue No.	73
LM End	3.66	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.905713 °	37.903903 °
				-121.323986 °	-121.325207 °
DWR ID	DWR_RD0524_01_f_2024_73				
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	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2024

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	3.52	Rating **	M	Issue No.	39
LM End	3.52	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.905422°	37.905422°
				-121.323822°	-121.323822°
DWR ID	DWR_RD0524_01_s_2024_39				
Comment Code					
RA : Ramp					
Inspector Comment					

No Photos

LM Start	3.53	Rating **	M	Issue No.	74
LM End	3.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.905283 °	37.904973 °
				-121.323827 °	-121.323869 °
DWR ID	DWR_RD0524_01_f_2024_74				
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	3.58	Rating **	N	Issue No.	302
LM End	3.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.904635 °	37.904407 °
				-121.324113 °	-121.324480 °
DWR ID	DWR_RD0524_01_s_2021_302				
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 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**

Levee Inspection Report By Mile - Fall 2024

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

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	3.59	Rating **	M	Issue No.	301
LM End	3.59	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.904531 °	37.904531 °
				-121.324314 °	-121.324314 °
DWR ID	DWR_RD0524_01_s_2021_301				
Comment Code					
AV : Abandoned vehicles					
Inspector Comment					
There is an abandoned tractor within the landside easement.					

Photo 1 of 1 : FA_2024_RD0524_107_301_20240910_00034.jpg



View of an abandoned piece of farm equipment within the landside easement. Spring 2021

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	
---	--	---	--	---	--	--	--

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	3.65	Rating **	M	Issue No.	931
LM End	3.65	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.904097 °	37.904097 °
				-121.325081 °	-121.325081 °
DWR ID	20619				
Comment Code					
Inspector Comment					
DS_ID:20619 FS_ID:83755 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 10, Unauthorized Modification or Non-Compliant Permit Crossing Status: Found UCIP Comments: 04/29/2024 Record remains Non-Urgent. No permit has been identified authorizing pipe. Modifications have been made since last inspection with new pump, PVC pipe, and electrical box. Unclear if other modifications have been made through the current irrigation pipe. Unable to find a permit for modification. (J. Taylor - DWR UCIP) 06/24/2020 Record updated from No Action Needed to Non-Urgent. No permit has been identified authorizing pipe. (D.Sanoski - DWR UCIP) FIELD_STRUCT_DESC: 30-inch steel irrigation pipe through the levee, 26.5 feet below the crown. Pump on pile structure in the stream. Steel walkway to the pump on a pier. Slide gate in 66-inch corrugated metal riser unit on the waterside (WS) slope. 5-foot concrete standpipe on the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 2004 (HLM 3.69). USACE San Joaquin O&M Manual, Unit 7, April 1964, Revised 29 December 2016, (3.69), listed as 30-inch pipe]. FS Date: 4/29/2024					

LM Start	3.65	Rating **	M	Issue No.	931 (cont)
LM End	3.65	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2024_83755_122822.jpg



Overview of levee crown.

Photo 2 of 3 : UCIP_FA_2024_83755_122823.jpg



WS view: view of metal walkway and pile structure for existing and new pump.

* 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	

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	3.65	Rating **	M	Issue No.	931 (cont)
LM End	3.65	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.904097 °	37.904097 °
				-121.325081 °	-121.325081 °
DWR ID	20619				

Photo 3 of 3 : UCIP_FA_2024_83755_122824.jpg



WS view: New PVC pipe discharges into the WS CMP riser on WS slope. New electrical box next to riser.

LM Start	3.65	Rating **	M	Issue No.	36
LM End	3.65	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.904013 °	37.904013 °
				-121.325170 °	-121.325170 °
DWR ID	DWR_RD0524_01_s_2024_36				
Comment Code					
RA : Ramp					
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	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	3.79	Rating **	M	Issue No.	932
LM End	3.79	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.902371 °	37.902371 °
				-121.326440 °	-121.326440 °
DWR ID	24044				
Comment Code					
Inspector Comment					
DS_ID:24044 FS_ID:83717 EP_NO: 18889 Repair Type: Non-Urgent EVAL Issue: 6, Levee Damage or Threat for Levee Damage Crossing Status: Found UCIP Comments: 06/25/2024 Enforcement Case No. 2024-15677 issued to this crossing. (O. Yakimov - DWR UCIP) 04/29/2024 Record updated from No Action Needed to Non-Urgent. Minor erosion under pipe on the left of the concrete box. (J. Taylor - DWR UCIP) 06/24/2020 Record is No Action Needed. Permit 18889 has been identified as authorizing permit. (J. Taylor - DWR UCIP) 06/24/2020 Record remains Non-Urgent. No permit has been found authorizing this pipe through the levee. (D.Sanoski - DWR UCIP) 08/20/2013 No permit identified for this crossing. (W.Wylie - DWR UCIP) FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through the levee, 3 feet below the crown. Adjacent to slant pump and butterfly valve at concrete foundation on the waterside (WS) slope. Pipe connected to filter plant, vents, and butterfly valves on the landside (LS) toe. (8-inch pipe authorized under Permit No. 18889, 2014 - Dan Roza). FS Date: 4/29/2024 2:56:27 PM					

LM Start	3.79	Rating **	M	Issue No.	932 (cont)
LM End	3.79	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2024_83717_122858.jpg



Overview of levee crown. Concrete foundation on WS shoulder.

Photo 2 of 3 : UCIP_FA_2024_83717_122859.jpg



WS view: inside concrete foundation with pump and pipe visible going up and over the left and through the concrete towards the channel.

* 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	

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	3.79	Rating **	M	Issue No.	932 (cont)
LM End	3.79	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.902371 °	37.902371 °
				-121.326440 °	-121.326440 °
DWR ID	24044				

Photo 3 of 3 : UCIP_FA_2024_83717_122857.jpg



WS view: minor erosion under pipe on the left side of the concrete foundation when looking towards the WS.

* 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	3.79	Rating **	U	Issue No.	933	
LM End	3.79	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			37.902361 °	37.902361 °	
				-121.326443 °	-121.326443 °	
DWR ID	20620					
Comment Code						
Inspector Comment						
DS_ID:20620 FS_ID:83720 EP_NO: 18889 Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 06/25/2024 Enforcement Case No. 2024-15677 issued to this crossing. (O. Yakimov - DWR UCIP) 04/29/2024 Record remains Urgent. Sink hole on WS shoulder in alignment with pipe indicates pipe is in a deteriorated state and should be removed as soon as possible. A 4.5-inch PVC pipe was seen sleeved through the pipe on the LS and it is unknown how far the pipe is sleeved through. An enforcement case is being opened at this crossing by CVFPB. (J. Taylor - DWR UCIP) 04/08/2024 Record updated from Non-Urgent to Urgent. Bank caving on waterside shoulder associated with pipe. Status of pipe brought to the attention of UCIP staff by FPIAS levee inspector Alberto De Leon. (J. Taylor - DWR UCIP) 06/24/2020 Record remains Non-Urgent. No permit has been identified authorizing pipe. Crossing appears abandoned. (D.Sanoski - DWR UCIP) 08/20/2013 Appears abandoned and if so should be done so properly. Evidence of severe internal corrosion in concrete distribution box at LS toe. (W.Wylie - DWR UCIP) FIELD_STRUCT_DESC: 12-inch concrete encased steel irrigation pipe through the levee, 10.5 feet below the crown. Pump and gate valve on concrete foundation on the waterside (WS) slope. 6-foot by 6-foot concrete distribution box on the landside (LS) toe. Two concrete cutoff walls. Service pole at the LS toe. (Existing 12-inch pipe authorized under Permit No. 18889, 2014 - Dan Roza). [Additional Reference(s): DWR Levee Log, 2004 (HLM 3.83). USACE San Joaquin O&M Manual, Unit 7, April 1964, Revised 29 December 2016, (3.83), listed as 12-inch pipe]. FS Date: 4/29/2024 3:13:03 PM						

Photo 1 of 3 : UCIP_FA_2024_83720_122871.jpg



Overview of levee crown. Sink hole visible on WS shoulder.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2024

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	3.79	Rating **	U	Issue No.	933 (cont)
LM End	3.79	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.902361 °	37.902361 °
				-121.326443 °	-121.326443 °
DWR ID	20620				

Photo 2 of 3 : UCIP_FA_2024_83720_122872.jpg



WS view: view of sink hole on WS shoulder in alignment with 12-inch pipe.

LM Start	3.79	Rating **	U	Issue No.	933 (cont)
LM End	3.79	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2024_83720_122870.jpg



LS view: inside distribution box where 4.5-inch pipe has been sleeved through the 12-inch pipe opening.

LM Start	3.82	Rating **	M	Issue No.	72
LM End	3.82	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.901847 °	37.901847 °
				-121.326509 °	-121.326509 °
DWR ID	DWR_RD0524_01_f_2024_72				
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	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	3.83	Rating **	M	Issue No.	71
LM End	3.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.901788 °	37.901788 °
				-121.326500 °	-121.326500 °
DWR ID	DWR_RD0524_01_f_2024_71				
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	3.86	Rating **	M	Issue No.	95
LM End	3.97	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.901354 °	37.899764 °
				-121.326483 °	-121.326589 °
DWR ID	DWR_RD0524_01_f_2013_95				
Comment Code					
EQ : Equipment					
Inspector Comment					
Landowner is storing equipment on the landside shoulder and the landside toe.					

Photo 1 of 1 : FA_2024_RD0524_107_95_20240910_00018.jpg



View of farm equipment being stored along the landside shoulder. Fall 2022

LM Start	3.90	Rating **	M	Issue No.	70
LM End	3.90	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.900801 °	37.900801 °
				-121.326408 °	-121.326408 °
DWR ID	DWR_RD0524_01_f_2024_70				
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	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2024

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	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					
Monitor for future rodent activity.					

No Photos

LM Start	4.02	Rating **	M	Issue No.	69
LM End	4.02	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.899056 °	37.899056 °
				-121.326919 °	-121.326919 °
DWR ID	DWR_RD0524_01_f_2024_69				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	4.02	Rating **	M	Issue No.	101
LM End	4.02	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.899027 °	37.899027 °
				-121.326982 °	-121.326982 °
DWR ID	DWR_RD0524_01_s_2012_101				
Comment Code					
RA : Ramp					
Inspector Comment					
There is an unauthorized ramp on the landside. Ramp does not meet Title 23 standards.					

Photo 1 of 1 : FA_2024_RD0524_107_101_20240910_00020.jpg



Looking west at unauthorized ramp on landside 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	
---	--	--	--	--	--

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2024

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	4.03	Rating **	U	Issue No.	934	
LM End	4.03	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			37.898980 °	37.898980 °	
				-121.326995 °	-121.326995 °	
DWR ID	20622					
Comment Code						
Inspector Comment						
DS_ID:20622 FS_ID:83727 EP_NO: 12464 Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 06/25/2024 Enforcement Case No. 2024-15677 issued to this crossing. (O. Yakimov - DWR UCIP) 04/29/2024 Record remains Urgent. Pipe contains sever defects on WS and has severe erosion on the WS slope. (J. Taylor - DWR UCIP) 04/08/2024 Pipe updated from No Action Needed to Urgent. Steel pipe exposed with multiple holes and erosion around the pipe on waterside slope. Status brought to the attention of UCIP staff by FPIAS levee inspector Alberto De Leon. (J. Taylor - DWR UCIP) 06/24/2020 Record remains No Action Needed. No issues observed during inspection. (D.Sanoski - DWR UCIP) FIELD_STRUCT_DESC: 10-inch steel drainage pipe through the levee, 3 feet below the crown. 10-horsepower pump over 44-inch corrugated metal sump on the LS toe. Siphon breaker in 12-inch steel riser unit on the waterside (WS) shoulder. (Permit No. 12464, 1978 - Daniel F. Rosa Jr.). [Additional Reference(s): DWR Levee Log, 2004 (HLM 4.07)]. FS Date: 4/29/2024 3:52:45 PM						

LM Start	4.03	Rating **	U	Issue No.	934 (cont)
LM End	4.03	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2024_83727_122887.jpg



Overview of levee crown.

Photo 2 of 3 : UCIP_FA_2024_83727_122888.jpg



WS view: severe erosion on WS slope caused by pipe with severe holes.

* 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	

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	4.03	Rating **	U	Issue No.	934 (cont)
LM End	4.03	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.898980 °	37.898980 °
				-121.326995 °	-121.326995 °
DWR ID	20622				

Photo 3 of 3 : UCIP_FA_2024_83727_122889.jpg



WS view: severe erosion on WS slope caused by pipe.

LM Start	4.03	Rating **	A/W	Issue No.	34
LM End	4.03	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.898971 °	37.898971 °
				-121.326991 °	-121.326991 °
DWR ID	DWR_RD0524_01_s_2024_34				
Comment Code					
PI : Pipe					
Inspector Comment					
Steel pipe exposed with multiple holes and erosion around the pipe. The deficiencies related to this pipe are captured in the U rated UCIP entry for this pipe.					

Photo 1 of 1 : FA_2024_RD0524_107_34_20240910_00012.jpg



View of an exposed pipe with holes along the waterside slope. Spring 2024

LM Start	4.04	Rating **	M	Issue No.	31
LM End	4.04	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.898750 °	37.898750 °
				-121.327116 °	-121.327116 °
DWR ID	DWR_RD0524_01_s_2024_31				
Comment Code					
PR : Prunings					
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	
--	--	---	--	---	--

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2024

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	4.17	Rating **	M	Issue No.	68
LM End	4.36	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.897012 °	37.894472 °
				-121.327925 °	-121.329218 °
DWR ID	DWR_RD0524_01_f _ 2024_68				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	4.37	Rating **	M	Issue No.	935	
LM End	4.37	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			37.894453 °	37.894453 °	
				-121.329232 °	-121.329232 °	
DWR ID	20626					
Comment Code						
Inspector Comment						
DS_ID:20626 FS_ID:83760 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 10, Unauthorized Modification or Non-Compliant Permit Crossing Status: Found UCIP Comments: 04/29/2024 Record remains Non-Urgent. No permit has been identified authorizing pipe. Unable to find a permit for modification. Pipe at entrance and exiting the levee appears to be new. (J. Taylor - DWR UCIP 06/24/2020 Record remains Non-Urgent. Small leak has been repaired. No permit has been identified authorizing pipe. (D.Sanoski - DWR UCIP 08/23/2013 Small leak in pipe on LS slope and pipe slightly crushed on LS toe. (W.Wylie - DWR UCIP FIELD_STRUCT_DESC: 10-inch steel drainage pipe through the levee, 3 feet below the crown. Pump in drainage ditch off the landside (LS) toe. Siphon breaker on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 2004 (HLM 4.42, listed as 8-inch pipe). USACE San Joaquin O&M Manual, Unit 7, April 1964, Revised 29 December 2016, (4.42), listed as 8-inch pipe]. FS Date: 4/29/2024 8:00:05 AM						

Photo 1 of 3 : UCIP_FA_2024_83760_122906.jpg



Overview of levee crown with pipe visible going through the levee.

* 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 : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	4.37	Rating **	M	Issue No.	935 (cont)
LM End	4.37	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.894453 °	37.894453 °
				-121.329232 °	-121.329232 °
DWR ID	20626				

Photo 2 of 3 : UCIP_FA_2024_83760_122907.jpg



WS view: pipe on WS slope and entering channel. Siphon breaker on pipe near where pipe enters levee.

LM Start	4.37	Rating **	M	Issue No.	935 (cont)
LM End	4.37	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2024_83760_122908.jpg



LS view: pipe on LS slope with new bolted cap. Pump visible off LS toe in irrigation ditch.

LM Start	4.38	Rating **	M	Issue No.	294
LM End	4.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.894299 °	37.891830 °
				-121.329258 °	-121.328317 °
DWR ID	DWR_RD0524_01_s_2021_294				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2024

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	4.38	Rating **	M	Issue No.	33
LM End	4.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.894291 °	37.892466 °
				-121.329255 °	-121.328240 °
DWR ID	DWR_RD0524_01_s _ 2024_33				
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 **	M	Issue No.	67
LM End	4.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.894279 °	37.893270 °
				-121.329258 °	-121.328951 °
DWR ID	DWR_RD0524_01_f _ 2024_67				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	4.40	Rating **	M	Issue No.	127
LM End	4.40	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.893944 °	37.893944 °
				-121.329242 °	-121.329242 °
DWR ID	DWR_RD0524_01_s _ 2022_127				
Comment Code					
PR : Prunings					
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****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	4.55	Rating **	C	Issue No.	16
LM End	4.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.891967 °	37.891967 °
				-121.328256 °	-121.328256 °
DWR ID	DWR_RD0524_01_s _ 2023_16				
Comment Code					
T3 : Fallen tree with root ball.					
Inspector Comment					

No Photos

LM Start	4.56	Rating **	U	Issue No.	30
LM End	4.56	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.891832 °	37.891832 °
				-121.328319 °	-121.328319 °
DWR ID	DWR_RD0524_01_s _ 2024_30				
Comment Code					
DE : Debris					
Inspector Comment					
Hay stacks along the landside toe and easement.					

Photo 1 of 1 : FA_2024_RD0524_107_30_20241029_00090.jpg



View of hay stacks being stored along the landside easement. Fall 2024

LM Start	4.62	Rating **	M	Issue No.	29
LM End	4.62	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.891182 °	37.891182 °
				-121.328831 °	-121.328831 °
DWR ID	DWR_RD0524_01_s _ 2024_29				
Comment Code					
EQ : Equipment					
Inspector Comment					

Photo 1 of 1 : FA_2024_RD0524_107_29_20240910_00010.jpg

View of farm equipment being stored along the landside easement.
Spring 2024

* 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	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	4.63	Rating **	U	Issue No.	28
LM End	4.63	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.891013 °	37.891013 °
				-121.328949 °	-121.328949 °
DWR ID	DWR_RD0524_01_s_2024_28				
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_2024_RD0524_107_28_20240910_00009.jpg



View of multiple burrow holes along the landside slope. Spring 2024

LM Start	4.68	Rating **	M	Issue No.	66
LM End	4.68	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.890298 °	37.890298 °
				-121.329446 °	-121.329446 °
DWR ID	DWR_RD0524_01_f_2024_66				
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	4.70	Rating **	M	Issue No.	65
LM End	4.70	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.890079 °	37.890079 °
				-121.329507 °	-121.329507 °
DWR ID	DWR_RD0524_01_f_2024_65				
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	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2024

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

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	4.73	Rating **	M	Issue No.	62
LM End	5.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.889665 °	37.885691 °
				-121.329719 °	-121.332127 °
DWR ID	DWR_RD0524_01_f_2024_62				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

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

Photo 1 of 2 : LEVAL_FA_2024_523_4217.jpg



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

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	4.76	Rating **	A/W	Issue No.	236 (cont)
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				

Photo 2 of 2 : FA_2024_RD0524_107_236_20240910_00030.jpg



View of bank erosion looking upstream. Spring 2024

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	4.88	Rating **	M	Issue No.	59
LM End	5.16	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.887810 °	37.884081 °
				-121.330810 °	-121.332103 °
DWR ID	DWR_RD0524_01_f_2024_59				
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	
--	--	---	--	---	--

Reclamation District No. 0524 Middle Roberts Island

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	4.89	Rating **	M	Issue No.	111
LM End	5.19	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.887708 °	37.883594 °
				-121.331077 °	-121.332140 °
DWR ID	DWR_RD0524_01_s_2022_111				
Comment Code					
DT : Ditch					
Inspector Comment					
There is a concrete lined irrigation ditch within the landside easement.					

Photo 1 of 1 : FA_2024_RD0524_107_111_20240910_00021.jpg

View of concrete lined irrigation ditch along the landside easement.
Spring 2022

LM Start	4.90	Rating **	M	Issue No.	64
LM End	4.90	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.887586 °	37.887586 °
				-121.331203 °	-121.331203 °
DWR ID	DWR_RD0524_01_f_2024_64				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

LM Start	4.94	Rating **	M	Issue No.	63
LM End	4.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.887228 °	37.887228 °
				-121.331616 °	-121.331616 °
DWR ID	DWR_RD0524_01_f_2024_63				
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
--	--	--	---

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	4.94	Rating **	U	Issue No.	15
LM End	4.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.887136°	37.886867°
				-121.331722°	-121.331893°
DWR ID	DWR_RD0524_01_s_2024_15				
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_2024_RD0524_107_15_20240910_00007.jpg



View of large animal burrow along the landside slope. Spring 2024

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

No Photos

LM Start	5.03	Rating **	A/W	Issue No.	177
LM End	5.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.885981 °	37.885641 °
				-121.332130 °	-121.332162 °
DWR ID	DWR_RD0524_01_s_2020_177				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2024

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	5.05	Rating **	M	Issue No.	61
LM End	5.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.885577 °	37.885283 °
				-121.332147 °	-121.332167 °
DWR ID	DWR_RD0524_01_f _ 2024_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	5.13	Rating **	M	Issue No.	60
LM End	5.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.884542 °	37.884542 °
				-121.332159 °	-121.332159 °
DWR ID	DWR_RD0524_01_f_2024_60				
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	5.17	Rating **	M	Issue No.	58
LM End	5.17	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.883973 °	37.883973 °
				-121.332095 °	-121.332095 °
DWR ID	DWR_RD0524_01_f_2024_58				
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 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****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

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

LM Start	5.20	Rating **	M	Issue No.	937
LM End	5.20	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.883453 °	37.883453 °
				-121.332120 °	-121.332120 °
DWR ID	20629				
Comment Code					
Inspector Comment					
DS_ID:20629 FS_ID:83779 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 04/29/2024 Record remains Non-Urgent. No permit has been identified authorizing pipe. Minor leak on LS coming from full concrete standpipe. May cause erosion over time. (J. Taylor - DWR UCIP) 06/24/2020 Record updated from No Action Needed to Non-Urgent. No permit has been identified authorizing pipe. (D.Sanoski - DWR UCIP) FIELD_STRUCT_DESC: 14-inch irrigation pipe of an unknown material through the levee, 15 feet below the crown. Pump house foundation on the waterside (WS) slope. 11-foot by 12-foot concrete sump on the WS shoulder. 4-foot diameter concrete standpipe on the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 2004 (HLM 5.26). USACE San Joaquin O&M Manual, Unit 7, April 1964, Revised 29 December 2016, (5.26), listed as 14-inch pipe]. FS Date: 4/29/2024 9:54:44 AM					

Photo 1 of 2 : UCIP_FA_2024_83779_122987.jpg



LS view: overview of LS slope and toe with standpipe and filtration system off LS toe.

* 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 : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	5.20	Rating **	M	Issue No.	937 (cont)
LM End	5.20	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.883453 °	37.883453 °
				-121.332120 °	-121.332120 °
DWR ID	20629				

Photo 2 of 2 : UCIP_FA_2024_83779_122988.jpg



LS view: maintenance issue of concrete riser on LS leaking.

LM Start	5.21	Rating **	U	Issue No.	57
LM End	5.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.883285 °	37.883285 °
				-121.332142 °	-121.332142 °
DWR ID	DWR_RD0524_01_f_2024_57				
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_2024_RD0524_107_57_20241029_00089.jpg



View of vegetation on the landside slope and easement. Fall 2024

LM Start	5.22	Rating **	M	Issue No.	54
LM End	5.59	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.883147 °	37.878018 °
				-121.332213 °	-121.332675 °
DWR ID	DWR_RD0524_01_f_2024_54				
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	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	5.22	Rating **	M	Issue No.	55
LM End	5.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.883146°	37.879144°
				-121.332212°	-121.333179°
DWR ID	DWR_RD0524_01_f_2024_55				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

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

No Photos

LM Start	5.34	Rating **	M	Issue No.	13
LM End	5.37	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.881583°	37.881162°
				-121.332813°	-121.332840°
DWR ID	DWR_RD0524_01_s_2024_13				
Comment Code					
FE : Fence					
Inspector Comment					
Metal fence along the landside toe.					

Photo 1 of 1 : FA_2024_RD0524_107_13_20240910_00006.jpg



View of metal fence along the landside easement. Spring 2024

* 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	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	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
--	---	---

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	5.41	Rating **	M	Issue No.	938	
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:84030 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Not Found UCIP Comments: 04/29/2024 Record remains Non-Urgent. Record is a duplicate of DSID 20630 or vice versa. Either way crossing has been abandoned and grouted in place or removed by KSN according to Aaron Kissingteller. Crossing not found during current inspection. (J. Taylor - DWR UCIP) 06/24/2020 Record updated from No Action Needed to Non-Urgent. Crossing appears to have been removed, but needs to be confirmed. Crossing not found. Limited inspection on LS due to overgrown vegetation. System Feature. (D.Sanoski - DWR UCIP) FIELD_STRUCT_DESC: 10-inch steel drainage pipe through the levee, 6 feet below the crown. Pump on the landside (LS). Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2004 (HLM 5.48). USACE San Joaquin O&M Manual, Unit 7, April 1964, Revised 29 December 2016, (5.48), listed as 10-inch pipe]. Drawing No. 07-04-1490, Sheet 1490/4, (Station 8+01.3)]. FS Date: 4/29/2024 10:51:21 AM						

LM Start	5.41	Rating **	M	Issue No.	938 (cont)
LM End	5.41	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2024_84030_122993.jpg



Overview of levee crown.

Photo 2 of 3 : UCIP_FA_2024_84030_122994.jpg



WS view: overview of WS slope and channel.

* 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	

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	5.41	Rating **	M	Issue No.	938 (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_2024_84030_122995.jpg



LS view: overview of LS slope and toe.

LM Start	5.42	Rating **	M	Issue No.	939
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:83784
EP_NO: N/A
Repair Type: Non-Urgent
EVAL Issue:
Crossing Status: Found
UCIP Comments: 04/29/2024 Record updated from Non-Urgent to No Action Needed. Pipe found in working condition. System feature. (J. Taylor - DWR UCIP 06/25/2020 Record remains Non-Urgent. Limited inspection on LS due to overgrown vegetation. System Feature. (D.Sanoski - DWR UCIP 08/23/2013 Recent work being done on WS slope. Pipe may still be in use. (W.Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 10-inch steel drainage pipe through the levee, 6 feet below the crown. 8-inch pipe sleeved through this pipe.
[Additional Reference(s): DWR Levee Log, 2004 (HLM 5.50). USACE San Joaquin O&M Manual, Unit 7, April 1964, Revised 29 December 2016, (5.50), listed as 10-inch pipe].
FS Date: 4/29/2024 11:11:23 AM

Photo 1 of 3 : UCIP_FA_2024_83784_122996.jpg



Overview of levee crown.

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

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	5.42	Rating **	M	Issue No.	939 (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_2024_83784_122997.jpg



WS view: overview of WS slope and channel. Pipe visible on WS shoulder with siphon breaker. Pipe actively discharging into channel.

LM Start	5.42	Rating **	M	Issue No.	939 (cont)
LM End	5.42	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2024_83784_122998.jpg



LS view: overview of LS slope and toe.

LM Start	5.44	Rating **	M	Issue No.	12
LM End	5.44	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.880143 °	37.880143 °
				-121.333045 °	-121.333045 °
DWR ID	DWR_RD0524_01_s_2024_12				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : FA_2024_RD0524_107_12_20240910_00005.jpg



View of prunings along the landside easement. Spring 2024

* 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	

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	5.45	Rating **	M	Issue No.	56
LM End	5.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.880018 °	37.880018 °
				-121.333056 °	-121.333056 °
DWR ID	DWR_RD0524_01_f_2024_56				
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	5.53	Rating **	M	Issue No.	2
LM End	5.54	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.878798 °	37.878798 °
				-121.333111 °	-121.333111 °
DWR ID	RD0524U01RM46.06				
Comment Code					
Inspector Comment					
Site ID: RD0524U01RM46.06					
8/9/2024: From 2021 to present, no significant changes were observed during the annual survey.					
08/20/2021: During the erosion survey, the erosion length was increased to 75 feet.					
09/24/2020: From 2014 to present, no significant changes were observed during the annual survey. Vegetation is limiting the view but undercutting of the levee toe is still visible.					
08/13/2013: Larger trees are at the levee shoulder, and an irrigation pump station is next to the erosion site.					

Photo 1 of 2 : SJR2024_RD0524U01RM46.06_4.JPG



8/9/2024: Aerial 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	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

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

Photo 2 of 2 : SJR2024_RD0524U01RM46.06_7.JPG



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

LM Start	5.65	Rating **	M	Issue No.	940
LM End	5.65	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.877181 °	37.877181 °
				-121.332322 °	-121.332322 °
DWR ID	20633				

Comment Code

Inspector Comment

DS_ID:20633
FS_ID:83790
EP_NO: N/A
Repair Type: Non-Urgent
EVAL Issue: 6, Levee Damage or Threat for Levee Damage
Crossing Status: Found
UCIP Comments: 04/29/2024 Record remains Non-Urgent. No permit has been identified authorizing pipe. Some minor erosion on WS shoulder indicates small leak in pipe. Couple possibly be burrow activity as well. (J. Taylor - DWR UCIP) 06/25/2020 Record updated from No Action Needed to Non-Urgent. No permit has been identified authorizing pipe. (D.Sanoski - DWR UCIP)
FIELD_STRUCT_DESC: 21-inch steel irrigation pipe through the levee, 7 feet below the crown. Pump on pile structure in stream on the waterside (WS) toe. Timber walkway to the pump. Service pole on the WS shoulder. 5-foot concrete standpipe on the landside (LS) toe.
[Additional Reference(s): DWR Levee Log, 2004 (HLM 5.71, listed as 20-inch pipe). USACE San Joaquin O&M Manual, Unit 7, April 1964, Revised 29 December 2016, (5.71), listed as 20-inch pipe].
FS Date: 4/29/2024 11:53:48 AM

Photo 1 of 3 : UCIP_FA_2024_83790_123008.jpg



Overview of levee crown.

* 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	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2024

Reclamation District No. 0524 Middle Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	5.65	Rating **	M	Issue No.	940 (cont)
LM End	5.65	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.877181 °	37.877181 °	
			-121.332322 °	-121.332322 °	
DWR ID	20633				

Photo 2 of 3 : UCIP_FA_2024_83790_123009.jpg



WS view: pump on pile structure with wooden walkway. Pipe visible entering the levee. Minor erosion around pipe on WS shoulder.

LM Start	5.65	Rating **	M	Issue No.	940 (cont)
LM End	5.65	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2024_83790_123010.jpg



LS view: overview of LS slope and toe. Concrete standpipes off LS toe.

LM Start	5.68	Rating **	M	Issue No.	52
LM End	5.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.876810 °	37.873582 °
				-121.332306 °	-121.332571 °
DWR ID	DWR_RD0524_01_f_2024_52				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	5.68	Rating **	M	Issue No.	53
LM End	5.92	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.876801 °	37.873582 °
				-121.332298 °	-121.332566 °
DWR ID	DWR_RD0524_01_f _ 2024_53				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	5.81	Rating **	U	Issue No.	941
LM End	5.81	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.875011 °	37.875011 °
				-121.333235 °	-121.333235 °
DWR ID	20650				
Comment Code					
Inspector Comment					
DS_ID:20650 FS_ID:84032 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 04/29/2024 Record updated from Non-Urgent to Urgent. Hole in pipe on WS slope. (J. Taylor - DWR UCIP) Record updated from No Action Needed to Non-Urgent. No permit has been identified authorizing pipe. (D.Sanoski - DWR UCIP) FIELD_STRUCT_DESC: 12-inch steel storm drainage pipe through the levee, 5 feet below the crown. Pump on the landside (LS) toe. Siphon breaker on the waterside (WS) shoulder. Power pole at the LS toe. [Additional Reference(s): DWR Levee Log, 2004 (HLM 5.88)]. FS Date: 4/29/2024 2:28:12 PM					

Photo 1 of 3 : UCIP_FA_2024_84032_123046.jpg



Overview of levee crown.

* 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	

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	5.81	Rating **	U	Issue No.	941 (cont)
LM End	5.81	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.875011°	37.875011°
				-121.333235°	-121.333235°
DWR ID	20650				

Photo 2 of 3 : UCIP_FA_2024_84032_123047.jpg



WS view: overview of WS slope and channel. Pipe visible on slope and shoulder with siphon breaker.

LM Start	5.81	Rating **	U	Issue No.	941 (cont)
LM End	5.81	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2024_84032_123048.jpg



WS view: hole in pipe on 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	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	5.86	Rating **	M	Issue No.	942	
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:83813 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Not Found UCIP Comments: 04/29/2024 Record remains 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. (J. Taylor - DWR UCIP) 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: 4/29/2024 2:46:18 PM						

LM Start	5.86	Rating **	M	Issue No.	942 (cont)
LM End	5.86	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2024_83813_123056.jpg



Overview of levee crown.

Photo 2 of 3 : UCIP_FA_2024_83813_123057.jpg



WS view: overview of WS slope and channel.

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

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	5.86	Rating **	M	Issue No.	942 (cont)
LM End	5.86	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.874328 °	37.874328 °
				-121.333231 °	-121.333231 °
DWR ID	20637				

Photo 3 of 3 : UCIP_FA_2024_83813_123058.jpg



LS view: overview of LS slope and toe.

LM Start	5.87	Rating **	M	Issue No.	943
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:83816
EP_NO: N/A
Repair Type: Non-Urgent
EVAL Issue:
Crossing Status: Indicator Found
UCIP Comments: 04/29/2024 Record remains Non-Urgent. Grouted pipe found in concrete riser beneath 12-inch pipe DSID 20638. Distribution box on WS may have been repurposed for DSID 20638. Unable to locate a permit and confirm proper pipe abandonment. (J. Taylor - DWR UCIP 06/25/2020 Record updated from No Action Needed to Non-Urgent. Crossing not found. Geophysical results did not confirm presence of pipe through levee. Record will remain in UCIP's inspection records until future Levee Improvement Project can confirm no crossing was found through the levee. System Feature. (D.Sanoski - DWR UCIP)
FIELD_STRUCT_DESC: 21-inch by 21-inch reinforced concrete box drainage culvert through the levee, 20 feet below the crown. Brick distribution box at the toe of the waterside (WS) slope. Concrete distribution box at the toe of the landside (LS) slope. [Additional Reference(s): DWR Levee Log, 2004. USACE San Joaquin O&M Manual 7, April 1964, (HLM 5.94)].
FS Date: 4/29/2024 2:58:53 PM

Photo 1 of 3 : UCIP_FA_2024_83816_123063.jpg



Overview of levee crown.

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

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	5.87	Rating **	M	Issue No.	943 (cont)
LM End	5.87	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.874114 °	37.874114 °
				-121.333147 °	-121.333147 °
DWR ID	20639				

Photo 2 of 3 : UCIP_FA_2024_83816_123064.jpg



WS view: overview of WS slope and channel.

LM Start	5.87	Rating **	M	Issue No.	943 (cont)
LM End	5.87	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2024_83816_123065.jpg



LS view: inside concrete riser on LS toe. Grouted pipe under visible pipe.

LM Start	5.92	Rating **	M	Issue No.	102
LM End	5.92	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.873610 °	37.873610 °
				-121.332605 °	-121.332605 °
DWR ID	DWR_RD0524_01_s _ 2022_102				
Comment Code					
V6 : Landscaping					
Inspector Comment					
There is an Oleander bush within the landside 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	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	5.93	Rating **	M	Issue No.	274
LM End	6.01	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.873556 °	37.872879 °
				-121.332463 °	-121.331125 °
DWR ID	DWR_RD0524_01_f_2017_274				
Comment Code					
BU : Building					
Inspector Comment					
There is household debris and chicken coops along the landside slope and easement.					

Photo 1 of 1 : FA_2024_RD0524_107_274_20240910_00033.jpg



View of dwellings and animal pens along the landside easement. Fall 2023

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.	17
LM End	6.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.872767 °	37.871744 °
				-121.331011 °	-121.330404 °
DWR ID	DWR_RD0524_01_f_2023_17				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* 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	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0524 Middle Roberts Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.20	10/29/2024 10/29/2024	Alberto De Leon

LM Start	6.11	Rating **	U	Issue No.	98
LM End	6.14	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.871613 °	37.871262 °
				-121.330322 °	-121.330202 °
DWR ID	DWR_RD0524_01_s _ 2022_98				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					
There are berry bushes and ivy growing within the landside easement.					

Photo 1 of 1 : FA_2024_RD0524_107_98_20241029_00088.jpg

View of berry bushes and ivy along the landside slope and easement.
Fall 2024

LM Start	6.16	Rating **	U	Issue No.	188
LM End	6.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.870930 °	37.870675 °
				-121.330048 °	-121.329969 °
DWR ID	DWR_RD0524_01_f_2021_188				
Comment Code					
T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : FA_2024_RD0524_107_188_20240910_00025.jpg



View of untrimmed trees along the landside slope. Fall 2023

* 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	