

Flood Control Project Maintenance Levee Inspections

Fall 2022 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	0.63	0.06	0.87	14.04%	0.01	0.01		
Trim / Thin Trees	0.03	0.02	0.11	1.77%				
Encroachments					0.85	0.10		
Animal Control	0.98	0.01	1.02	16.46%				
Erosion / Foot Traffic	0.01		0.01	0.16%				
Erosion / Rills		0.01	0.04	0.65%				
Erosion / Vehicle Traffic	0.01		0.01	0.16%				
Access Gates	0.02		0.02	0.32%				
<i>Supplemental</i>								
DWR Erosion Survey	0.05	0.18	0.77	12.42%				
DWR UCIP Field Study					0.02			
DWR UCIP LMA Responsibility								
<i>LMA Totals:</i>	1.73	0.28	2.85	45.98%	0.88	0.11	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	0.63	0.06	0.87	14.04%	0.01	0.01		
Trim / Thin Trees	0.03	0.02	0.11	1.77%				
Encroachments					0.85	0.10		
Animal Control	0.98	0.01	1.02	16.46%				
Erosion / Foot Traffic	0.01		0.01	0.16%				
Erosion / Rills		0.01	0.04	0.65%				
Erosion / Vehicle Traffic	0.01		0.01	0.16%				
Access Gates	0.02		0.02	0.32%				
<i>Supplemental</i>								
DWR Erosion Survey	0.05	0.18	0.77	12.42%				
DWR UCIP Field Study					0.02			
DWR UCIP LMA Responsibility								
<i>Unit Totals:</i>	1.73	0.28	2.85	45.98%	0.88	0.11	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	4/14/2022 - 4/14/2022		11/4/2022 - 11/4/2022	
DWR Inspector	Alberto De Leon		Alberto De Leon	
Accompanied By	Aaron Lickingteller KSN-District Engineer		Aaron Lickingteller KSN-District Engineer	

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 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	0.00	Rating **	A	Issue No.	121
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals				°
					°
DWR ID	DWR_RD0524_01_s_2012_121				
Comment Code					
OM : O&M Manuals					
Inspector Comment					
The RD has a digital copy of the O&M manual.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	123
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training				°
					°
DWR ID	DWR_RD0524_01_s_2012_123				
Comment Code					
FP : Flood Preparedness & Training					
Inspector Comment					

No Photos

LM Start	0.00	Rating **	A	Issue No.	138
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment				°
					°
DWR ID	DWR_RD0524_01_s_2013_138				
Comment Code					
ES : Emergency Supplies & Equipment					
Inspector Comment					
The LMA has emergency supplies or equipment stored in shipping container on at LM 4.65, (37.890799, -121.32913). Spring 2021					

Photo 1 of 1 : FA_2022_RD0524_107_138_20220919_00038.jpg



View of container with Districts Flood Fight Materials. Spring 2021

* Location 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 2022

Reclamation District No. 0524 Middle Roberts Island

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

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

No Photos

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

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	0.23	Rating **	C	Issue No.	201
LM End	0.23	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.938648 °	37.938648 °
				-121.343480 °	-121.343480 °
DWR ID	DWR_RD0524_01_f_2016_201				
Comment Code					
T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

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

No Photos

LM Start	0.32	Rating **	M	Issue No.	118
LM End	0.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.938434 °	37.938434 °
				-121.341967 °	-121.341967 °
DWR ID	DWR_RD0524_01_f_2019_118				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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

** Rating
A : Acceptable 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 2022

Reclamation District No. 0524 Middle Roberts Island

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

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

No Photos

LM Start	0.35	Rating **	C	Issue No.	125
LM End	0.35	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.938470 °	37.938470 °
				-121.341390 °	-121.341390 °
DWR ID	DWR_RD0524_01_f_2019_125				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 0524 Middle Roberts Island

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

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

No Photos

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

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 0524 Middle Roberts Island

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

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

No Photos

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

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 0524 Middle Roberts Island

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

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

Photo 1 of 2 : SJR2022_RD0524U01RM41.34_3.JPG



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

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

Photo 2 of 2 : SJR2022_RD0524U01RM41.34_2.JPG



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

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 0524 Middle Roberts Island

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

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

Photo 1 of 2 : SJR2022_RD0524U01RM41.36_2.JPG



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

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

Photo 2 of 2 : SJR2022_RD0524U01RM41.36_4.JPG



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

LM Start	0.72	Rating **	C	Issue No.	129
LM End	0.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.937268 °	37.937268 °
				-121.335341 °	-121.335341 °
DWR ID	DWR_RD0524_01_f_2019_129				
Comment Code					
T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 0524 Middle Roberts Island

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

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

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

Photo 1 of 2 : SJR2022_RD0524U01RM41.39_5.JPG



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

Photo 2 of 2 : SJR2022_RD0524U01RM41.39_2.JPG



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

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable 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 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	0.78	Rating **	M	Issue No.	926
LM End	0.78	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.936474 °	37.936474 °
				-121.334830 °	-121.334830 °
DWR ID	20596				
Comment Code					
Inspector Comment					
DS_ID:20596 FS_ID:70215 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 5, Pipe Damage Crossing Status: Found UCIP Comments: 06/23/2020 Record remains Non-Urgent. Pipe damage at WS toe could be indication of internal pipe damage through levee. Recommend internal pipe inspection or owner to contact CVFPB to abandon or remove pipe from levee. Crossing appears abandoned. No permit has been identified authorizing pipe. (D.Sanoski - DWR UCIP) 08/16/2013 Large hole in pipe at WS toe. Appears abandoned and should be done so properly. (W.Wylie - DWR UCIP) FIELD_STRUCT_DESC: 8-inch steel pipe of unknown purpose through the levee, 4 feet below the crown. Siphon breaker in 24-inch corrugated metal riser unit on the waterside (WS) slope. [Additional Reference(s): USACE San Joaquin O&M Manual, Unit 7, April 1964, Revised 29 December 2016, (0.79), listed as 8-inch pipe]. FS Date: 6/23/2020 2:32:00 PM					

Photo 1 of 3 : UCIP_FA_2022_70215_89281.jpg



Top of Levee: view of crown.

LM Start	0.78	Rating **	M	Issue No.	926 (cont)
LM End	0.78	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2022_70215_89282.jpg



Water-Side: view of WS slope and standpipe.

* 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 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	0.78	Rating **	M	Issue No.	926 (cont)
LM End	0.78	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.936474 °	37.936474 °
				-121.334830 °	-121.334830 °
DWR ID	20596				

Photo 3 of 3 : UCIP_FA_2022_70215_89283.jpg



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

LM Start	0.83	Rating **	C	Issue No.	12
LM End	0.84	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.935838 °	37.935838 °
				-121.334408 °	-121.334408 °
DWR ID	RD0524U01RM41.44				

No Photos

Comment Code

Inspector Comment

Site ID: RD0524U01RM41.44

08/04/2022: The site has been repaired and will be monitored one more year.

08/20/2021: Erosion site is planned for repair.

09/24/2020: From 2014 to present, no significant changes were observed during the annual survey. The vegetation is tall and limiting the view of the erosion.

08/13/2013: Site was discovered during boat survey. The dense vegetation blocks a clear view of the erosion. Size of erosion site was very roughly estimated.

*** 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

Levee Inspection Report By Mile - Fall 2022

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

No Photos

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 0524 Middle Roberts Island

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

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

Photo 1 of 3 : UCIP_FA_2022_73982_89287.jpg



Top of Levee: view of crown.

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

Photo 2 of 3 : UCIP_FA_2022_73982_89288.jpg



Water-Side: view of WS slope.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	0.98	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_2022_73982_89289.jpg



Land-Side: view of LS slope.

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

Comment Code

E1 : Note and monitor erosion site.

Inspector Comment

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

Site ID No:536

Site Designation:LMA-442

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

Photo 1 of 1 : LEVAL_FA_2022_536_4109.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 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	1.01	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 **	U	Issue No.	132
LM End	1.02	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Rills			37.935032 °	37.935032 °
				-121.331210 °	-121.331210 °
DWR ID	DWR_RD0524_01_s_2022_132				
Comment Code					
E5 : Schedule repair of rills prior to the next inspection.					
Inspector Comment					

Photo 1 of 1 : FA_2022_RD0524_107_132_20220919_00036.jpg



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

LM Start	1.02	Rating **	M	Issue No.	134
LM End	1.02	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.935032 °	37.935032 °
				-121.331210 °	-121.331210 °
DWR ID	DWR_RD0524_01_s_2022_134				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA_2022_RD0524_107_134_20220919_00037.jpg



View of animal burrow along the landside slope. Spring 2022

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	1.02	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

LM Start	1.15	Rating **	U	Issue No.	5	
LM End	1.23	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR Erosion Survey			37.933347 °	37.933347 °	
				-121.329110 °	-121.329110 °	
DWR ID	RD0524U01RM41.79					
Comment Code						
Inspector Comment						
Site ID: RD0524U01RM41.79						
08/04/2022: From 2011 to present, no significant changes were observed during the annual survey. Minimal vegetation covers the upper levee slope. The lower slope is covered with medium dense vegetation. Riprap is visible in some areas.						
09/07/2010: Vegetation is visible at the water line. There is an exposed pipe discharge partially hanging at the mid-slope, possibly still used for discharging irrigation/runoff water. There is minimal rip rap protection along the bank, and what's left of it is no longer adequately protecting the bank.						
9/29/2009: Site consists of a 400-foot long eroding bank with minimal vegetation and protection; the existing rip rap has sloughed, rendering it useless; note that there is an exposed section of a pipe.						
10/18/2006: There is extensive loss of rip rap on some sections; sewage disposal pond is on the landside of the levee; there is an exposed pipe outlet "hanging" from the upper slope.						

Photo 1 of 2 : SJR2022_RD0524U01RM41.79_4.JPG



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

* 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 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	1.15	Rating **	U	Issue No.	5 (cont)
LM End	1.23	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR Erosion Survey		37.933347 °	37.933347 °	
			-121.329110 °	-121.329110 °	
DWR ID	RD0524U01RM41.79				

Photo 2 of 2 : SJR2022_RD0524U01RM41.79_5.JPG



8/4/2022: Close-up 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

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

No Photos

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

Levee Inspection Report By Mile - Fall 2022

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

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

A photograph of a pond surrounded by dense green trees and foliage. The water is calm and reflects the surrounding greenery. A date stamp '06.04.2012' is visible in the bottom right corner.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 0524 Middle Roberts Island

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

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

Photo 3 of 3 : SJR2022_RD0524U01RM42.4_6.JPG



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

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

No Photos

LM Start	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_2022_RD0524_107_267_20220919_00055.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 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	1.73	Rating **	U	Issue No.	154
LM End	1.78	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.926345 °	37.925802 °
				-121.326087 °	-121.325623 °
DWR ID	DWR_RD0524_01_f_2022_154				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : FA_2022_RD0524_107_154_20221104_00280.jpg



View of tree prunings along the landside slope and easement. Fall 2022

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					
Pump house on waterside shoulder. Fall 2019					

Photo 1 of 1 : FA_2022_RD0524_107_148_20220919_00039.jpg



View of pump house on waterside shoulder. Fall 2019

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

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 0524 Middle Roberts Island

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

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

No Photos

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

No Photos

LM Start	2.12	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 landside slope.					

Photo 1 of 1 : FA_2022_RD0524_107_247_20220919_00053.jpg



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

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	2.27	Rating **	C	Issue No.	152
LM End	2.27	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.920357 °	37.920357 °
				-121.320257 °	-121.320257 °
DWR ID	DWR_RD0524_01_f_2019_152				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

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

No Photos

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 2022

Reclamation District No. 0524 Middle Roberts Island

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

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

No Photos

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

No Photos

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

No Photos

* 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 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	2.44	Rating **	C	Issue No.	168
LM End	2.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.918567 °	37.918292 °
				-121.320875 °	-121.321758 °
DWR ID	DWR_RD0524_01_f_2021_168				
Comment Code					
T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	2.48	Rating **	M	Issue No.	249
LM End	2.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.918382 °	37.918382 °
				-121.321475 °	-121.321475 °
DWR ID	DWR_RD0524_01_f_2017_249				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

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

* 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 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	2.50	Rating **	M	Issue No.	38
LM End	2.50	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.918287 °	37.918287 °
				-121.321980 °	-121.321980 °
DWR ID	DWR_RD0524_01_s _ 2012_38				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	2.53	Rating **	M	Issue No.	40
LM End	2.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.918022 °	37.917373 °
				-121.322445 °	-121.322785 °
DWR ID	DWR_RD0524_01_s _ 2012_40				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

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

*** 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 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	2.73	Rating **	C	Issue No.	313
LM End	2.74	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.915686 °	37.915488 °
				-121.322509 °	-121.322669 °
DWR ID	DWR_RD0524_01_s_2021_313				
Comment Code					
T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	2.73	Rating **	M	Issue No.	240
LM End	2.73	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.915660 °	37.915660 °
				-121.322513 °	-121.322513 °
DWR ID	DWR_RD0524_01_s_2020_240				
Comment Code					
PI : Pipe					
Inspector Comment					

Photo 1 of 1 : FA_2022_RD0524_107_240_20220919_00052.jpg

View of 4 inch pipe going through levee from landside to waterside.
Spring 2020

LM Start	2.74	Rating **	M	Issue No.	151
LM End	2.74	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.915525 °	37.915525 °
				-121.322636 °	-121.322636 °
DWR ID	DWR_RD0524_01_f_2022_151				
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 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	2.75	Rating **	C	Issue No.	130
LM End	2.75	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.915369 °	37.915369 °
				-121.322799 °	-121.322799 °
DWR ID	DWR_RD0524_01_s_2022_130				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

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

No Photos

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

No Photos

* 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 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	2.91	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_2022_RD0524_107_223_20221104_00279.jpg



View of stairs cut into levee landside slope. Fall 2022

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

No Photos

LM Start	2.92	Rating **	C	Issue No.	51
LM End	2.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.913598 °	37.913288 °
				-121.324425 °	-121.324476 °
DWR ID	DWR_RD0524_01_s _ 2012_51				
Comment Code					
T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	2.94	Rating **	M	Issue No.	925
LM End	3.28	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.913206 °	37.908410 °
				-121.324533 °	-121.325438 °
DWR ID	DWR_RD0524_01_s _ 2012_925				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Several rodent holes on levee slopes.					

Photo 1 of 1 : FA_2022_RD0524_107_925_20221104_00278.jpg



View of landside slope with multiple animal burrows. Fall 2022

LM Start	2.94	Rating **	C	Issue No.	210
LM End	2.94	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.913198 °	37.913198 °
				-121.324490 °	-121.324490 °
DWR ID	DWR_RD0524_01_s _ 2016_210				
Comment Code					
GA : Garbage					
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 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	2.95	Rating **	A/W	Issue No.	929
LM End	2.95	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.913101 °	37.913101 °
				-121.324500 °	-121.324500 °
DWR ID	20617				
Comment Code					
Inspector Comment					
DS_ID:20617 FS_ID:73984 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Indicator Found UCIP Comments: 06/24/2020 Record remains No Action Needed. No issues observed during inspection. System Feature. (D.Sanoski - DWR UCIP) 08/20/2013 Review crossing with inspector as records indicate that this should be an 8-inch pipe through levee 3.0 feet below crown, pump on landward side. Siphon breaker on the waterward slope. Originally included in the 1964 O&M manual. (W.Wylie - DWR UCIP) FIELD_STRUCT_DESC: 16-inch wrapped steel storm discharge pipe through the levee, 1.5 feet below the crown. Pump on steel pile structure at drainage canal off landside (LS) toe. [Additional Reference(s): DWR Levee Log, 2004 (HLM 2.99, listed as 8-inch pipe). USACE San Joaquin O&M Manual, Unit 7, April 1964, Revised 29 December 2016, (2.99), listed as 9-inch pipe]. FS Date: 6/24/2020 2:44:00 PM					

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

Photo 1 of 3 : UCIP_FA_2022_73984_89412.jpg



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

Photo 2 of 3 : UCIP_FA_2022_73984_89413.jpg



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

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	2.95	Rating **	A/W	Issue No.	929 (cont)
LM End	2.95	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.913101 °	37.913101 °	
			-121.324500 °	-121.324500 °	
DWR ID	20617				

Photo 3 of 3 : UCIP_FA_2022_73984_89414.jpg



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

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					
Old retaining wall made of bricks on waterside slope in poor condition.					

Photo 1 of 1 : FA_2022_RD0524_107_220_20220919_00049.jpg



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

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					
Unauthorized ramp on landside slope.					

Photo 1 of 1 : FA_2022_RD0524_107_211_20220919_00047.jpg



Looking northwest at unauthorized ramp on landward 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 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	3.34	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					

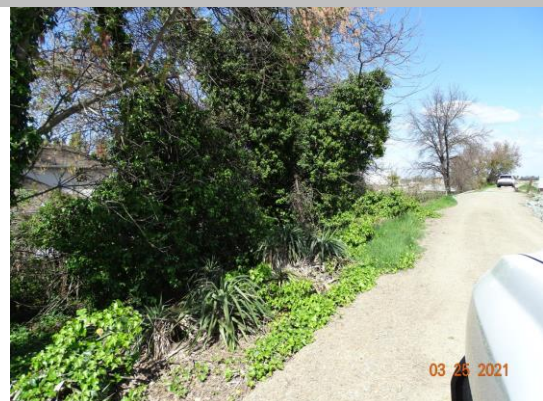
No Photos

LM Start	3.35	Rating **	C	Issue No.	308
LM End	3.35	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.907430 °	37.907430 °
				-121.325421 °	-121.325421 °
DWR ID	DWR_RD0524_01_s_2021_308				
Comment Code					
T2 : Tree or limb.					
Inspector Comment					

No Photos

LM Start	3.36	Rating **	U	Issue No.	307
LM End	3.37	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.907346 °	37.907098 °
				-121.325411 °	-121.325366 °
DWR ID	DWR_RD0524_01_s_2021_307				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA_2022_RD0524_107_307_20220919_00061.jpg



View of heavy landscape vegetation along the landside slope. Spring 2021

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

Levee Inspection Report By Mile - Fall 2022

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

No Photos

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	3.44	Rating **	U	Issue No.	213
LM End	3.46	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.906258 °	37.906126 °
				-121.324735 °	-121.324532 °
DWR ID	DWR_RD0524_01_s _ 2020_213				
Comment Code					
EQ : Equipment					
Inspector Comment					
Farming equipment being stored within the landside easement. Spring 2021					

Photo 1 of 1 : FA_2022_RD0524_107_213_20220919_00048.jpg



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

LM Start	3.48	Rating **	U	Issue No.	304
LM End	3.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.905971 °	37.905971 °
				-121.324235 °	-121.324235 °
DWR ID	DWR_RD0524_01_s _ 2021_304				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA_2022_RD0524_107_304_20221104_00277.jpg



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

LM Start	3.51	Rating **	C	Issue No.	128
LM End	3.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.905522 °	37.904433 °
				-121.323885 °	-121.324579 °
DWR ID	DWR_RD0524_01_s _ 2022_128				
Comment Code					
T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	3.52	Rating **	M	Issue No.	265
LM End	3.52	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.905444 °	37.905444 °
				-121.323835 °	-121.323835 °
DWR ID	DWR_RD0524_01_s_2012_265				
Comment Code					
RA : Ramp					
Inspector Comment					
Unauthorized ramp on landside slope.					

Photo 1 of 1 : FA_2022_RD0524_107_265_20221104_00276.jpg



View of unauthorized ramp along the landside slope. Fall 2022

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

No Photos

LM Start	3.59	Rating **	M	Issue No.	209
LM End	3.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.904546 °	37.903556 °
				-121.324323 °	-121.325500 °
DWR ID	DWR_RD0524_01_s_2020_209				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	3.59	Rating **	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. Spring 2021					

Photo 1 of 1 : FA_2022_RD0524_107_301_20220919_00060.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

LM Start	3.80	Rating **	C	Issue No.	299
LM End	3.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.902223 °	37.902223 °
				-121.326491 °	-121.326491 °
DWR ID	DWR_RD0524_01_s_2021_299				
Comment Code					
T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

* 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 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	3.81	Rating **	C	Issue No.	298
LM End	3.81	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.901981 °	37.901981 °
				-121.326523 °	-121.326523 °
DWR ID	DWR_RD0524_01_s _ 2021_298				
Comment Code					
LI : Landscape Irrigation					
Inspector Comment					

No Photos

LM Start	3.83	Rating **	C	Issue No.	202
LM End	3.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.901790 °	37.901790 °
				-121.326538 °	-121.326538 °
DWR ID	DWR_RD0524_01_s _ 2020_202				
Comment Code					
T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	3.83	Rating **	C	Issue No.	297
LM End	3.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.901775 °	37.901775 °
				-121.326525 °	-121.326525 °
DWR ID	DWR_RD0524_01_s _ 2021_297				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

No Photos

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

** Rating
A : Acceptable 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 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	3.86	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 landside shoulder and landside toe.					

Photo 1 of 1 : FA_2022_RD0524_107_95_20221104_00275.jpg



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

LM Start	3.88	Rating **	C	Issue No.	144
LM End	3.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.901007 °	37.901007 °
				-121.326447 °	-121.326447 °
DWR ID	DWR_RD0524_01_f_2020_144				
Comment Code					
T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	3.90	Rating **	C	Issue No.	296
LM End	3.90	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.900706 °	37.900706 °
				-121.326444 °	-121.326444 °
DWR ID	DWR_RD0524_01_s_2021_296				
Comment Code					
T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

* 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 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	3.92	Rating **	C	Issue No.	143
LM End	3.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.900491 °	37.900491 °
				-121.326461 °	-121.326461 °
DWR ID	DWR_RD0524_01_f_2020_143				
Comment Code					
T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

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

No Photos

LM Start	4.02	Rating **	C	Issue No.	195
LM End	4.02	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.899093 °	37.899093 °
				-121.326933 °	-121.326933 °
DWR ID	DWR_RD0524_01_s_2015_195				
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 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	4.02	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					
Unauthorized ramp. Ramp does not meet Title 23 standard.					

Photo 1 of 1 : FA_2022_RD0524_107_101_20220919_00026.jpg



Looking west at unauthorized ramp on landside slope.

LM Start	4.04	Rating **	C	Issue No.	61
LM End	4.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.898861 °	37.898861 °
				-121.327071 °	-121.327071 °
DWR ID	DWR_RD0524_01_s_2012_61				
Comment Code					
T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

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

Photo 1 of 1 : FA_2022_RD0524_107_110_20221104_00274.jpg



View of rills along the landside ramp. Fall 2022

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 0524 Middle Roberts Island

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

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

No Photos

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

Photo 1 of 1 : FA_2022_RD0524_107_150_20221104_00273.jpg



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

LM Start	4.40	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 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 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	4.51	Rating **	M	Issue No.	149
LM End	4.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.892579 °	37.892579 °
				-121.328321 °	-121.328321 °
DWR ID	DWR_RD0524_01_f_2022_149				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	4.56	Rating **	C	Issue No.	292
LM End	4.56	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.891825 °	37.891825 °
				-121.328325 °	-121.328325 °
DWR ID	DWR_RD0524_01_s_2021_292				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

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

No Photos

* 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 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	4.63	Rating **	U	Issue No.	147
LM End	4.63	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.890971 °	37.890971 °
				-121.328973 °	-121.328973 °
DWR ID	DWR_RD0524_01_f_2022_147				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : FA_2022_RD0524_107_147_20221104_00272.jpg



View of prunings along the landside slope and easement. Fall 2022

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.	116
LM End	4.87	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.889690 °	37.887876 °
				-121.329754 °	-121.330774 °
DWR ID	DWR_RD0524_01_s_2022_116				
Comment Code					
DT : Ditch					
Inspector Comment					
There is an unlined irrigation ditch along the landside easement.					

Photo 1 of 1 : FA_2022_RD0524_107_116_20220919_00032.jpg



View of an irrigation ditch along the landside easement. Spring 2022

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	4.74	Rating **	M	Issue No.	145
LM End	4.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.889555 °	37.887659 °
				-121.329781 °	-121.331089 °
DWR ID	DWR_RD0524_01_f_2022_145				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

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

Photo 1 of 1 : LEVAL_FA_2022_523_4217.jpg



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

No Photos

* 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 2022

Reclamation District No. 0524 Middle Roberts Island

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

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

No Photos

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

No Photos

LM Start	4.89	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_2022_RD0524_107_111_20220919_00030.jpg



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

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	4.90	Rating **	C	Issue No.	180
LM End	4.90	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.887596 °	37.887596 °
				-121.331164 °	-121.331164 °
DWR ID	DWR_RD0524_01_f_2021_180				
Comment Code					
T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	4.94	Rating **	M	Issue No.	183
LM End	4.94	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.887182 °	37.887182 °
				-121.331693 °	-121.331693 °
DWR ID	DWR_RD0524_01_s_2020_183				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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

* 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 2022

Reclamation District No. 0524 Middle Roberts Island

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

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

No Photos

LM Start	5.02	Rating **	M	Issue No.	140
LM End	5.02	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.886084 °	37.886084 °
				-121.332077 °	-121.332077 °
DWR ID	DWR_RD0524_01_f_2022_140				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

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

No Photos

* 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 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	5.07	Rating **	C	Issue No.	115
LM End	5.07	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.885338 °	37.885338 °
				-121.332169 °	-121.332169 °
DWR ID	DWR_RD0524_01_s _ 2022_115				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

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

No Photos

LM Start	5.19	Rating **	M	Issue No.	289
LM End	5.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.883621 °	37.883621 °
				-121.332121 °	-121.332121 °
DWR ID	DWR_RD0524_01_s _ 2021_289				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	5.21	Rating **	C	Issue No.	288
LM End	5.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.883355 °	37.883355 °
				-121.332163 °	-121.332163 °
DWR ID	DWR_RD0524_01_s_2021_288				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	5.23	Rating **	U	Issue No.	139
LM End	5.23	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.883033 °	37.883033 °
				-121.332287 °	-121.332287 °
DWR ID	DWR_RD0524_01_f_2022_139				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : FA_2022_RD0524_107_139_20221104_00271.jpg



View of prunings along the landside slope and easement. Fall 2022

LM Start	5.29	Rating **	C	Issue No.	106
LM End	5.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.882247 °	37.882247 °
				-121.332659 °	-121.332659 °
DWR ID	DWR_RD0524_01_s_2022_106				
Comment Code					
T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

* 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 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	5.29	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	5.33	Rating **	M	Issue No.	136
LM End	5.33	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.881700 °	37.881700 °
				-121.332778 °	-121.332778 °
DWR ID	DWR_RD0524_01_f_2022_136				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

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

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	5.36	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 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	5.41	Rating **	M	Issue No.	930
LM End	5.41	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.880584 °	37.880584 °
				-121.332901 °	-121.332901 °
DWR ID	20630				
Comment Code					
Inspector Comment					
DS_ID:20630 FS_ID:73985 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 5, Pipe Damage Crossing Status: Found UCIP Comments: 06/24/2020 Record updated from Urgent to Non-Urgent. Pipe damage visible on WS. Crossing appears abandoned. Limited inspection on LS due to overgrown vegetation. System Feature. Associated with DSID 20659. (D.Sanoski - DWR UCIP) 10/2/2018 Same as last inspection. Holes present in pipe pose a potential threat to levee's internal integrity. Recommend video inspection (D. Sanoski - DWR UCIP).11/16/2016 same as previous inspection hole in pipe is still present on WS near toe. This pipe does not appear to be in use. Need to contact owner to determine status of crossing. If the crossing is abandoned or still in use, owner will need to coordinate with the CVFPB to comply with Title 23 requirements. (O. Magana - DWR UCIP)08/23/2013 flap gate damage and does not work at WS toe. Large hole in pipe at WS toe. Pipe appears abandoned and should be done so properly. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: *ABANDONED* 1 of 2: 12-inch steel irrigation pipe through the levee, 6 feet below the crown. Flap gate located on the WS end. LS end not found. [Additional Reference(s): DWR Levee Log, 2004 (HLM 5.48, listed as 10-inch (DSID 20659)). USACE San Joaquin O&M Manual, Unit 7, April 1964, Revised 29 December 2016, (5.48), listed as 10-inch pipe (DSID 20659). Drawing No. 07-04-1490, Sheet 1490/4, (Station 8+01.3)]. FS Date: 6/24/2020 2:53:00 PM					

Photo 1 of 3 : UCIP_FA_2022_73985_89482.jpg



Top of Levee: view of crown.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	5.41	Rating **	M	Issue No.	930 (cont)
LM End	5.41	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.880584 °	37.880584 °
				-121.332901 °	-121.332901 °
DWR ID	20630				

Photo 2 of 3 : UCIP_FA_2022_73985_89483.jpg



Water-Side: view of WS slope and pipe.

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

Photo 3 of 3 : UCIP_FA_2022_73985_78506.jpg



LS view - could not find pipe outlet.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	5.41	Rating **	M	Issue No.	931
LM End	5.41	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.880544 °	37.880544 °
				-121.332904 °	-121.332904 °
DWR ID	20659				
Comment Code					
Inspector Comment					
DS_ID:20659 FS_ID:73986 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Not Found UCIP Comments: 06/24/2020 Record updated from No Action Needed to Non-Urgent. Crossing appears to have been removed, but needs to be confirmed. Crossing not found. Limited inspection on LS due to overgrown vegetation. System Feature. (D.Sanoski - DWR UCIP) FIELD_STRUCT_DESC: *REMOVED* 2 of 2: 10-inch steel drainage pipe through the levee, 6 feet below the crown. Pump on the landside (LS). Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2004 (HLM 5.48). USACE San Joaquin O&M Manual, Unit 7, April 1964, Revised 29 December 2016, (5.48), listed as 10-inch pipe]. FS Date: 6/24/2020 2:24:00 PM					

Photo 1 of 3 : UCIP_FA_2022_73986_89484.jpg



Top of Levee: view of crown.

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

Photo 2 of 3 : UCIP_FA_2022_73986_89485.jpg



Water-Side: view of WS slope.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	5.41	Rating **	M	Issue No.	931 (cont)
LM End	5.41	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.880544 °	37.880544 °	
			-121.332904 °	-121.332904 °	
DWR ID	20659				

Photo 3 of 3 : UCIP_FA_2022_73986_89486.jpg



Land-Side: view of LS slope.

LM Start	5.42	Rating **	M	Issue No.	932
LM End	5.42	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.880358 °	37.880358 °	
			-121.332972 °	-121.332972 °	
DWR ID	20631				

Comment Code

Inspector Comment

DS_ID:20631
 FS_ID:73987
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 06/25/2020 Record remains Non-Urgent. Limited inspection on LS due to overgrown vegetation. System Feature. Associated with DSID 24050, 8-inch pipe sleeved through this 10-inch pipe. (D.Sanoski - DWR UCIP) 08/23/2013 Recent work being done on WS slope. Pipe may still be in use. (W.Wylie - DWR UCIP)
 FIELD_STRUCT_DESC: 10-inch steel drainage pipe through the levee, 6 feet below the crown. 8-inch pipe (DSID 24050) sleeved through this pipe. [Additional Reference(s): DWR Levee Log, 2004 (HLM 5.50). USACE San Joaquin O&M Manual, Unit 7, April 1964, Revised 29 December 2016, (5.50), listed as 10-inch pipe].
 FS Date: 6/25/2020 2:53:00 PM

Photo 1 of 3 : UCIP_FA_2022_73987_89490.jpg



Top of Levee: view of crown.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	5.42	Rating **	M	Issue No.	932 (cont)
LM End	5.42	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.880358 °	37.880358 °	
			-121.332972 °	-121.332972 °	
DWR ID	20631				

Photo 2 of 3 : UCIP_FA_2022_73987_89491.jpg



Water-Side: view of WS slope and pipe.

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

Photo 3 of 3 : UCIP_FA_2022_73987_89492.jpg



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

LM Start	5.44	Rating **	M	Issue No.	135
LM End	5.44	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.880139 °	37.880139 °
				-121.333037 °	-121.333037 °
DWR ID	DWR_RD0524_01_f_2022_135				
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 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	5.53	Rating **	M	Issue No.	10
LM End	5.54	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.878798 °	37.878798 °
				-121.333111 °	-121.333111 °
DWR ID	RD0524U01RM46.06				

Comment Code

Inspector Comment

Site ID: RD0524U01RM46.06
 07/15/2022: No significant changes were observed during the annual survey.
 08/20/2021: During the erosion survey, the erosion length was increased to 75 feet.
 09/24/2020: From 2014 to present, no significant changes were observed during the annual survey. Vegetation is limiting the view but undercutting of the levee toe is still visible.
 08/13/2013: Larger trees are at the levee shoulder, and an irrigation pump station is next to the erosion site.

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

Photo 1 of 2 : SJR2022_RD0524U01RM46.06_4.JPG



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

Photo 2 of 2 : SJR2022_RD0524U01RM46.06_3.JPG



7/15/2022: Close-up view of the erosion.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	5.53	Rating **	M	Issue No.	933
LM End	5.53	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.878868 °	37.878868 °
				-121.333136 °	-121.333136 °
DWR ID	25713				

Comment Code

Inspector Comment

DS_ID:25713
FS_ID:73997
EP_NO: N/A
Repair Type: Non-Urgent
EVAL Issue: 10, Unauthorized Modification or Non-Compliant Permit
Crossing Status: Found
UCIP Comments: 06/25/2020 Record remains Non-Urgent. Unable to find a permit for modification. No permit has been identified authorizing pipe. The new alignment looks great. Associated with DSIDs 20632 (abandoned and capped) & 20658 (removed) (D.Sanoski - DWR UCIP)
FIELD_STRUCT_DESC: 9-inch steel irrigation pipe with 2-feet of cover. Pump on concrete headwall platform with electrical box on WS slope. Power pole on the LS toe and 1.5-inch galvanized iron electrical conduit at same location. Pipe leads to filtration plant off LS toe. [Additional Reference(s): DWR Levee Log, 2004 (HLM 5.59, DSID 20658). USACE San Joaquin O&M Manual, Unit 7, April 1964, Revised 29 December 2016, (5.59), listed as 12-inch pipe (DSID 20658).]
FS Date: 6/25/2020

LM Start	5.53	Rating **	M	Issue No.	933 (cont)
LM End	5.53	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2022_73997_111031.jpg



View of WS slope.

Photo 2 of 3 : UCIP_FA_2022_73997_111032.jpg



View of levee crown.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	5.53	Rating **	M	Issue No.	933 (cont)
LM End	5.53	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.878868 °	37.878868 °
				-121.333136 °	-121.333136 °
DWR ID	25713				

Photo 3 of 3 : UCIP_FA_2022_73997_111030.jpg



View of LS slope.

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

No Photos

LM Start	5.59	Rating **	A/W	Issue No.	197
LM End	5.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.878036 °	37.875076 °
				-121.332735 °	-121.333223 °
DWR ID	DWR_RD0524_01_f _ 2019_197				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* 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 2022

Reclamation District No. 0524 Middle Roberts Island

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

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

No Photos

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

No Photos

LM Start	5.82	Rating **	M	Issue No.	117
LM End	5.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.874860 °	37.874860 °
				-121.333276 °	-121.333276 °
DWR ID	DWR_RD0524_01_f_2022_117				
Comment Code					
T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

* 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 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	5.82	Rating **	M	Issue No.	112
LM End	5.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.874841 °	37.874202 °
				-121.333275 °	-121.333199 °
DWR ID	DWR_RD0524_01_f_2022_112				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

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

No Photos

*** 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 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	5.86	Rating **	M	Issue No.	934
LM End	5.86	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.874328 °	37.874328 °
				-121.333231 °	-121.333231 °
DWR ID	20637				

Comment Code

Inspector Comment

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

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

Photo 1 of 3 : UCIP_FA_2022_73988_89618.jpg



Top of Levee: view of crown.

Photo 2 of 3 : UCIP_FA_2022_73988_89619.jpg



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

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	5.86	Rating **	M	Issue No.	934 (cont)
LM End	5.86	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.874328 °	37.874328 °	
			-121.333231 °	-121.333231 °	
DWR ID	20637				

Photo 3 of 3 : UCIP_FA_2022_73988_89620.jpg



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

LM Start	5.87	Rating **	M	Issue No.	103
LM End	5.87	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.874185 °	37.874185 °
				-121.333225 °	-121.333225 °
DWR ID	DWR_RD0524_01_s_2022_103				
Comment Code					
ST : Stairway					
Inspector Comment					

Photo 1 of 1 : FA_2022_RD0524_107_103_20220919_00027.jpg



View of stairs cutting into the landside slope. Spring 2022

LM Start	5.87	Rating **	M	Issue No.	104
LM End	5.87	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.874185 °	37.874185 °
				-121.333224 °	-121.333224 °
DWR ID	DWR_RD0524_01_s_2022_104				
Comment Code					
ST : Stairway					
Inspector Comment					

Photo 1 of 1 : FA_2022_RD0524_107_104_20220919_00028.jpg



View of stairs cutting into the waterside slope. Spring 2022

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 0524 Middle Roberts Island

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

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

No Photos

LM Start	5.87	Rating **	M	Issue No.	935	
LM End	5.87	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.874114 °	37.874114 °	
				-121.333147 °	-121.333147 °	
DWR ID	20639					
Comment Code						
Inspector Comment						
DS_ID:20639 FS_ID:73989 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Not Found UCIP Comments: 06/25/2020 Record updated from No Action Needed to Non-Urgent. Geophysical results did not confirm presence of pipe through levee. Record will remain in UCIP's inspection records until future Levee Improvement Project can confirm no crossing was found through the levee. System Feature. (D.Sanoski - DWR UCIP) FIELD_STRUCT_DESC: *ABANDONED* 21-inch by 21-inch reinforced concrete box drainage culvert through the levee, 20 feet below the crown. Brick distribution box at the toe of the waterside (WS) slope. Concrete distribution box at the toe of the landside (LS) slope. [Additional Reference(s): DWR Levee Log, 2004. USACE San Joaquin O&M Manual 7, April 1964, (HLM 5.94)]. FS Date: 6/25/2020 2:57:00 PM						

Photo 1 of 3 : UCIP_FA_2022_73989_89624.jpg



Top of Levee: view of crown.

* 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 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	5.87	Rating **	M	Issue No.	935 (cont)
LM End	5.87	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.874114 °	37.874114 °	
			-121.333147 °	-121.333147 °	
DWR ID	20639				

Photo 2 of 3 : UCIP_FA_2022_73989_89625.jpg



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

LM Start	5.92	Rating **	M	Issue No.	102
LM End	5.92	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP_FA_2022_73989_89626.jpg



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

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 a 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 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	5.92	Rating **	M	Issue No.	109
LM End	5.92	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.873616 °	37.873616 °
				-121.332505 °	-121.332505 °
DWR ID	DWR_RD0524_01_f_2022_109				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

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_2022_RD0524_107_274_20220919_00056.jpg



View of chicken coop buildings along landside easement. Spring 2021

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

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	6.02	Rating **	M	Issue No.	97
LM End	6.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.872869 °	37.871761 °
				-121.331101 °	-121.330375 °
DWR ID	DWR_RD0524_01_f_2022_97				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	6.03	Rating **	M	Issue No.	105
LM End	6.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.872773 °	37.872773 °
				-121.330974 °	-121.330974 °
DWR ID	DWR_RD0524_01_f_2022_105				
Comment Code					
T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

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

No Photos

* 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 2022

Reclamation District No. 0524 Middle Roberts Island

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

LM Start	6.07	Rating **	M	Issue No.	99
LM End	6.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.872194 °	37.872194 °
				-121.330569 °	-121.330569 °
DWR ID	DWR_RD0524_01_f _ 2022_99				
Comment Code					
T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

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 is berry bushes and ivy growing within the landside easement.					

Photo 1 of 1 : FA_2022_RD0524_107_98_20221104_00270.jpg

View of berry bushes and ivy along the landside slope and easement.
Fall 2022

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_2022_RD0524_107_188_20221104_00269.jpg



View of untrimmed trees along the landside slope. Fall 2022

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 0524 Middle Roberts Island

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

* 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
--	---	---