

**Flood Control Project Maintenance  
Levee Inspections**

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

### Reclamation District No. 2064 River Junction

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	5.56	10/16/2023 10/16/2023	Alberto De Leon

LM Start		Rating **	A	Issue No.	6
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD2064_01_f_2014_6				
Comment Code					
OM : O&M Manuals					
Inspector Comment					
District 2064 has the O&M Manual on hand.					

No Photos

LM Start		Rating **	A	Issue No.	7
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD2064_01_f_2014_7				
Comment Code					
ES : Emergency Supplies & Equipment					
Inspector Comment					
District has an adequate supply of flood fight materials in storage.					

No Photos

LM Start		Rating **	A	Issue No.	8
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD2064_01_f_2014_8				
Comment Code					
FP : Flood Preparedness & Training					
Inspector Comment					
District 2064 has been trained for flood fighting.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	5.56	10/16/2023 10/16/2023	Alberto De Leon

LM Start	0.06	Rating **	M	Issue No.	44
LM End	0.06	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.709804°	37.709804°
				-121.267559°	-121.267559°
DWR ID	20511				
Comment Code					
Inspector Comment					
DS_ID:20511 FS_ID:72428 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 03/01/2022 Record updated from No Action Needed to Non-Urgent. No permit has been identified authorizing pipe. Debris has been cleared. (D.Sanoski - DWR UCIP) 03/02/2015 Debris removed from flap gate on waterside tow (G.Armstrong - DWR UCIP) FIELD_STRUCT_DESC: 36-inch by 36-inch reinforced concrete box drainage culvert through the levee, 21 feet below the crown. Concrete U-shaped headwalls on both ends. Slide gate in a 6-foot by 7-foot concrete riser on the waterside (WS) slope. Flap gate on the WS end. Flashboard slots on the landside (LS) headwall. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 3, December 1968, (HLM 0.07)]. FS Date: 3/1/2022 11:31:10 AM					

LM Start	<b>0.06</b>	Rating **	M	Issue No.	<b>44 (cont)</b>
LM End	<b>0.06</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2023\_72428\_108212.jpg



Top of Levee: view of crown.

Photo 2 of 3 : UCIP\_FA\_2023\_72428\_108213.jpg



Water-Side: view of headwall and flap gate.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 San Joaquin River	Right	5.56	10/16/2023 10/16/2023	Alberto De Leon

LM Start	<b>0.06</b>	Rating **	M	Issue No.	<b>44 (cont)</b>
LM End	<b>0.06</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.709804°	37.709804°
				-121.267559°	-121.267559°
DWR ID	20511				

Photo 3 of 3 : UCIP\_FA\_2023\_72428\_108214.jpg



Land-Side: view of headwall and inlet.

LM Start	0.41	Rating **	A/W	Issue No.	9
LM End	0.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Riprap Revetments			37.705975°	37.705041°
				-121.271092°	-121.271279°
DWR ID	DWR_RD2064_01_s_2023_9				
Comment Code					
RR : Riprap Revetments					
Inspector Comment					
Emergency erosion repair project has been completed in January 2023.					

Photo 1 of 1 : FA\_2023\_RD2064\_313\_9\_20231016\_00037.jpg



View of a completed (Jan. 2023) waterside erosion repair. Fall 2023

<b>* Location</b> LS: Land Side    N/A: Not Applicable WS: Water Side CR: Crown	<b>** Rating</b> A: Acceptable M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	5.56	10/16/2023 10/16/2023	Alberto De Leon

LM Start	1.65	Rating **	A/W	Issue No.	45	
LM End	1.65	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.690072°	37.690072°	
				-121.269823°	-121.269823°	
DWR ID	20514					
Comment Code						
Inspector Comment						
DS_ID:20514 FS_ID:72439 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 03/01/2022 Record remains No Action Needed. DMP internal video inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4. Recommend next video inspection in 5 years. System Feature. (D.Sanoski - DWR UCIP) FIELD_STRUCT_DESC: 30-inch by 30-inch reinforced concrete box drainage culvert through the levee, 15 feet below the crown. Slide gate in a concrete riser on the waterside (WS) shoulder. Concrete U-shaped headwalls on both ends. Flap gate on the WS end. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 3, December 1968, (HLM 1.65)]. FS Date: 3/1/2022 12:30:04 PM						

Photo 1 of 3 : UCIP\_FA\_2023\_72439\_108257.jpg



Top of Levee: view of crown.

LM Start	<b>1.65</b>	Rating **	A/W	Issue No.	<b>45 (cont)</b>
LM End	<b>1.65</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_FA\_2023\_72439\_108258.jpg



Land-Side: view of headwall and inlet on toe.

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

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

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	5.56	10/16/2023 10/16/2023	Alberto De Leon

LM Start	<b>1.65</b>	Rating **	A/W	Issue No.	<b>45 (cont)</b>
LM End	<b>1.65</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.690072°	37.690072°	
			-121.269823°	-121.269823°	
DWR ID	20514				

Photo 3 of 3 : UCIP\_FA\_2023\_72439\_108259.jpg



Water-Side: view of headwall and flap gate on toe.

LM Start	<b>1.94</b>	Rating **	A/W	Issue No.	<b>46</b>
LM End	<b>1.94</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.689900°	37.689900°	
			-121.264802°	-121.264802°	
DWR ID	20515				

**Comment Code**

**Inspector Comment**

DS\_ID:20515  
 FS\_ID:72438  
 EP\_NO: N/A  
 Repair Type: No Action Needed  
 EVAL Issue:  
 Crossing Status: Found  
 UCIP Comments: 03/01/2022 Record remains No Action Needed. DMP internal video inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4. Recommend next video inspection in 5 years. (D.Sanoski - DWR UCIP)  
 08/27/2013 Culvert filled nearly to the top with soil. (W.Wylie - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 30-inch by 30-inch reinforced concrete box drainage culvert through the levee, 14.7 feet below the crown. Slide gate in a concrete riser on the waterside (WS) slope. Concrete U-shaped headwalls on both ends. Flap gate on the WS end. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 3, December 1968, (HLM 1.93)].  
 FS Date: 3/1/2022 12:25:21 PM

Photo 1 of 3 : UCIP\_FA\_2023\_72438\_109848.jpg



Levee crown: view of crown and crossing.

<b>* Location</b> LS: Land Side    N/A: Not Applicable WS: Water Side CR: Crown	<b>** Rating</b> A: Acceptable M: Minimally Acceptable U: Unacceptable N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	5.56	10/16/2023 10/16/2023	Alberto De Leon

LM Start	1.94	Rating **	A/W	Issue No.	46 (cont)
LM End	1.94	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.689900°	37.689900°
				-121.264802°	-121.264802°
DWR ID	20515				

Photo 2 of 3 : UCIP\_FA\_2023\_72438\_108253.jpg



Land-Side: view of headwall and inlet.

LM Start	<b>1.94</b>	Rating **	A/W	Issue No.	<b>46 (cont)</b>
LM End	<b>1.94</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2023\_72438\_108254.jpg



Water-Side: view of headwall and flap gate.

LM Start	2.09	Rating **	M	Issue No.	35
LM End	2.11	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.689101°	37.688995°
				-121.262160°	-121.261946°
DWR ID	DWR_RD2064_01_f_2023_35				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	5.56	10/16/2023 10/16/2023	Alberto De Leon

LM Start	<b>2.61</b>	Rating **	C	Issue No.	<b>26</b>
LM End	<b>2.61</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.685200°	37.685200°
				-121.255747°	-121.255747°
DWR ID	DWR_RD2064_01_s_2023_26				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	<b>2.68</b>	Rating **	M	Issue No.	<b>36</b>
LM End	<b>2.68</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.684122°	37.684122°
				-121.255553°	-121.255553°
DWR ID	DWR_RD2064_01_f_2023_36				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	<b>3.24</b>	Rating **	M	Issue No.	<b>37</b>
LM End	<b>3.24</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.679264°	37.679264°
				-121.262394°	-121.262394°
DWR ID	DWR_RD2064_01_f_2023_37				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	5.56	10/16/2023 10/16/2023	Alberto De Leon

LM Start	3.31	Rating **	M	Issue No.	39
LM End	3.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.678718°	37.678718°
				-121.263446°	-121.263446°
DWR ID	DWR_RD2064_01_f_2023_39				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	3.48	Rating **	C	Issue No.	43
LM End	3.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.676475°	37.676475°
				-121.264163°	-121.264163°
DWR ID	DWR_RD2064_01_s_2021_43				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

No Photos

LM Start	3.56	Rating **	C	Issue No.	15
LM End	3.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.675416°	37.675416°
				-121.263579°	-121.263579°
DWR ID	DWR_RD2064_01_f_2022_15				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	5.56	10/16/2023 10/16/2023	Alberto De Leon

LM Start	3.57	Rating **	M	Issue No.	47
LM End	3.57	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.675266°	37.675266°
				-121.263421°	-121.263421°
DWR ID	20525				
Comment Code					
Inspector Comment					
DS_ID:20525 FS_ID:72448 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 08/01/2022 Work authorization WA2022058 issued for pipe removal. (O.Yakimov- DWR UCIP) 03/01/2022 Record remains Non-Urgent. No permit has been identified authorizing pipe. Crossing appears abandoned. LMA Rep says they are working with CVFPB to remove these crossings. (D.Sanoski - DWR UCIP) 08/27/2013 Need to determine if pipe was actually removed from levee. (W.Wylie - DWR UCIP) FIELD_STRUCT_DESC: 12-inch steel drainage pipe through the levee, at an unknown depth. Steel plate welded over the landside (LS) end at the LS toe. (Permit No. 6450, 1969 - Reclamation District No. 2064, states it was removed in 1973, but it remains visible on the LS toe). (Pipe removal authorized under Permit No. WA2022058, 2022 - JB Wilson, Reclamation District 2064). [Additional Reference(s): USACE San Joaquin O&M Manual 3, December 1968, (HLM 3.55)]. FS Date: 3/1/2022 12:51:49 PM					

LM Start	<b>3.57</b>	Rating **	M	Issue No.	<b>47 (cont)</b>
LM End	<b>3.57</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2023\_72448\_108284.jpg



Top of Levee: view of crown.

Photo 2 of 3 : UCIP\_FA\_2023\_72448\_108285.jpg



Land-Side: view of pipe on slope.

<b>* Location</b> LS: Land Side    N/A: Not Applicable WS: Water Side CR: Crown	<b>** Rating</b> A: Acceptable M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	5.56	10/16/2023 10/16/2023	Alberto De Leon

LM Start	<b>3.57</b>	Rating **	M	Issue No.	<b>47 (cont)</b>
LM End	<b>3.57</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.675266°	37.675266°
				-121.263421°	-121.263421°
DWR ID	20525				

Photo 3 of 3 : UCIP\_FA\_2023\_72448\_108286.jpg



Water-Side: view of slope.

<b>* Location</b> LS: Land Side    N/A: Not Applicable WS: Water Side CR: Crown	<b>** Rating</b> A: Acceptable M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2023

### Reclamation District No. 2064 River Junction

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Stanislaus River	Right	6.08	10/16/2023 10/16/2023	Alberto De Leon

LM Start	0.05	Rating **	M	Issue No.	32
LM End	0.05	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.666872°	37.666872°
				-121.240207°	-121.240207°
DWR ID	DWR_RD2064_02_f_2022_32				
Comment Code					
T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : FA\_2023\_RD2064\_314\_32\_20231016\_00028.jpg



View of untrimmed tree along the waterside slope. Fall 2023

LM Start	0.29	Rating **	C	Issue No.	8
LM End	0.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.664848°	37.664848°
				-121.237154°	-121.237154°
DWR ID	DWR_RD2064_02_s_2023_8				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

No Photos

LM Start	1.55	Rating **	A/W	Issue No.	33
LM End	1.57	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.670791°	37.671053°
				-121.222220°	-121.221903°
DWR ID	DWR_RD2064_02_f_2020_33				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Waterside berm has slowly been eroding. Berm ranges from 10-50 ft from waterside toe. RD plans to monitor.					

Photo 1 of 2 : FA\_2023\_RD2064\_314\_33\_20230905\_00004.jpg



View of waterside berm, approximately 10-40 ft from waterside toe. Fall 2021

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Stanislaus River	Right	6.08	10/16/2023 10/16/2023	Alberto De Leon

LM Start	<b>1.55</b>	Rating **	A/W	Issue No.	<b>33 (cont)</b>
LM End	<b>1.57</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.670791°	37.671053°
				-121.222220°	-121.221903°
DWR ID	DWR_RD2064_02_f_2020_33				

Photo 2 of 2 : FA\_2023\_RD2064\_314\_33\_20230905\_00005.jpg



View of waterside berm, approximately 10-40 ft from waterside toe. Fall 2020

LM Start	1.85	Rating **	M	Issue No.	12
LM End	1.85	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.674826°	37.674826°
				-121.222834°	-121.222834°
DWR ID	DWR_RD2064_02_f_2023_12				
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	3.26	Rating **	N	Issue No.	24
LM End	3.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.687576°	37.687576°
				-121.213728°	-121.213728°
DWR ID	DWR_RD2064_02_s_2021_24				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

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

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

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Stanislaus River	Right	6.08	10/16/2023 10/16/2023	Alberto De Leon

LM Start	4.41	Rating **	M	Issue No.	45	
LM End	4.41	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.696386°	37.696386°	
				-121.202963°	-121.202963°	
DWR ID	20549					
Comment Code						
Inspector Comment						
DS_ID:20549 FS_ID:72478 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 03/03/2022 Record updated from No Action Needed to Non-Urgent. No permit has been identified authorizing pipe. (D.Sanoski - DWR UCIP)  FIELD_STRUCT_DESC: 30-inch drainage pipe of an unknown material through the levee, 10.5 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Two corrugated metal cutoff walls. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 3, December 1968, (HLM 4.37)]. FS Date: 3/3/2022 3:51:31 PM						

LM Start	<b>4.41</b>	Rating **	M	Issue No.	<b>45 (cont)</b>
LM End	<b>4.41</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2023\_72478\_108401.jpg



Top of Levee: view of crown.

Photo 2 of 3 : UCIP\_FA\_2023\_72478\_108402.jpg



Land-Side: view of headwall and inlet.

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

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

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Stanislaus River	Right	6.08	10/16/2023 10/16/2023	Alberto De Leon

LM Start	<b>4.41</b>	Rating **	M	Issue No.	<b>45 (cont)</b>
LM End	<b>4.41</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.696386°	37.696386°
				-121.202963°	-121.202963°
DWR ID	20549				

Photo 3 of 3 : UCIP\_FA\_2023\_72478\_108403.jpg



Water-Side: view of headwall and flap gate.

LM Start	<b>4.51</b>	Rating **	M	Issue No.	<b>46</b>
LM End	<b>4.51</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.696892°	37.696892°
				-121.201228°	-121.201228°
DWR ID	20550				

**Comment Code**

**Inspector Comment**

DS\_ID:20550  
FS\_ID:72479  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue:  
Crossing Status: Found  
UCIP Comments: 03/03/2022 Record updated from No Action Needed to Non-Urgent. No permit has been identified authorizing pipe. (D.Sanoski - DWR UCIP)

FIELD\_STRUCT\_DESC: 30-inch corrugated metal drainage pipe through the levee, 8 feet below the crown. Concrete U-shaped headwalls on both ends, and a flap gate on the waterside (WS) end. Grouted spillway on the WS. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 3, December 1968, (HLM 4.47)].

FS Date: 3/3/2022 3:53:51 PM

Photo 1 of 3 : UCIP\_FA\_2023\_72479\_108405.jpg



Top of Levee: view of crown.

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

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

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Stanislaus River	Right	6.08	10/16/2023 10/16/2023	Alberto De Leon

LM Start	<b>4.51</b>	Rating **	M	Issue No.	<b>46 (cont)</b>
LM End	<b>4.51</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.696892°	37.696892°
				-121.201228°	-121.201228°
DWR ID	20550				

Photo 2 of 3 : UCIP\_FA\_2023\_72479\_108406.jpg



Land-Side: view of headwall and inlet.

LM Start	<b>4.51</b>	Rating **	M	Issue No.	<b>46 (cont)</b>
LM End	<b>4.51</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2023\_72479\_108407.jpg



Water-Side: view of headwall and flap gate.

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

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

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Stanislaus River	Right	6.08	10/16/2023 10/16/2023	Alberto De Leon

LM Start	4.64	Rating **	M	Issue No.	47
LM End	4.64	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.697101°	37.697101°
				-121.199048°	-121.199048°
DWR ID	20551				
Comment Code					
Inspector Comment					
DS_ID:20551 FS_ID:72480 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 03/03/2022 Record updated from No Action Needed to Non-Urgent. No permit has been identified authorizing pipe. (D.Sanoski - DWR UCIP)  FIELD_STRUCT_DESC: 30-inch corrugated metal drainage pipe through the levee, 10 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Two corrugated metal cutoff walls. Grouted spillway on the WS. Spillway damaged due to uprooted tree. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 3, December 1968, (HLM 4.59)]. FS Date: 3/3/2022 4:11:22 PM					

Photo 1 of 3 : UCIP\_FA\_2023\_72480\_108410.jpg



Top of Levee: view of crown.

LM Start	<b>4.64</b>	Rating **	M	Issue No.	<b>47 (cont)</b>
LM End	<b>4.64</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_FA\_2023\_72480\_108411.jpg



Land-Side: view of headwall and inlet.

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

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

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Stanislaus River	Right	6.08	10/16/2023 10/16/2023	Alberto De Leon

LM Start	<b>4.64</b>	Rating **	M	Issue No.	<b>47 (cont)</b>
LM End	<b>4.64</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.697101°	37.697101°
				-121.199048°	-121.199048°
DWR ID	20551				

Photo 3 of 3 : UCIP\_FA\_2023\_72480\_108412.jpg



Water-Side: view of headwall and flap gate.

LM Start	<b>4.78</b>	Rating **	M	Issue No.	<b>48</b>
LM End	<b>4.78</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.696888°	37.696888°
				-121.196511°	-121.196511°
DWR ID	20552				

**Comment Code**

**Inspector Comment**

DS\_ID:20552  
 FS\_ID:72481  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue:  
 Crossing Status: Found  
 UCIP Comments: 03/03/2022 Record updated from No Action Needed to Non-Urgent. No permit has been identified authorizing pipe.  
 (D.Sanoski - DWR UCIP)

FIELD\_STRUCT\_DESC: 30-inch corrugated metal drainage pipe through the levee, 8.5 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Two corrugated metal cutoff walls. Grouted spillway on the WS. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 3, December 1968, (HLM 4.73)].  
 FS Date: 3/3/2022 4:14:09 PM

Photo 1 of 3 : UCIP\_FA\_2023\_72481\_108415.jpg



Top of Levee: view of crown.

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

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

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Stanislaus River	Right	6.08	10/16/2023 10/16/2023	Alberto De Leon

LM Start	<b>4.78</b>	Rating **	M	Issue No.	<b>48 (cont)</b>
LM End	<b>4.78</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.696888°	37.696888°
				-121.196511°	-121.196511°
DWR ID	20552				

Photo 2 of 3 : UCIP\_FA\_2023\_72481\_108416.jpg



Land-Side: view of headwall and inlet.

LM Start	<b>4.78</b>	Rating **	M	Issue No.	<b>48 (cont)</b>
LM End	<b>4.78</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2023\_72481\_108417.jpg



Water-Side: view of headwall and flap gate.

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

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

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Stanislaus River	Right	6.08	10/16/2023 10/16/2023	Alberto De Leon

LM Start	4.92	Rating **	M	Issue No.	49	
LM End	4.92	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.696146°	37.696146°	
				-121.194093°	-121.194093°	
DWR ID	20553					
Comment Code						
Inspector Comment						
DS_ID:20553 FS_ID:72484 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 03/03/2022 Record updated from No Action Needed to Non-Urgent. No permit has been identified authorizing pipe. (D.Sanoski - DWR UCIP)  FIELD_STRUCT_DESC: 30-inch corrugated metal drainage pipe through the levee, 8 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Two corrugated metal cutoff walls. Grouted spillway on the WS. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 3, December 1968, (HLM 4.88)]. FS Date: 3/3/2022 4:21:52 PM						

Photo 1 of 3 : UCIP\_FA\_2023\_72484\_108430.jpg



Top of Levee: view of crown.

LM Start	<b>4.92</b>	Rating **	M	Issue No.	<b>49 (cont)</b>
LM End	<b>4.92</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_FA\_2023\_72484\_108431.jpg



Land-Side: view of headwall and pipe inlet.

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

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

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Stanislaus River	Right	6.08	10/16/2023 10/16/2023	Alberto De Leon

LM Start	<b>4.92</b>	Rating **	M	Issue No.	<b>49 (cont)</b>
LM End	<b>4.92</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.696146°	37.696146°
				-121.194093°	-121.194093°
DWR ID	20553				

Photo 3 of 3 : UCIP\_FA\_2023\_72484\_108432.jpg



Water-Side: view of headwall and flap gate.

LM Start	<b>5.10</b>	Rating **	M	Issue No.	<b>50</b>
LM End	<b>5.10</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.697483°	37.697483°
				-121.191332°	-121.191332°
DWR ID	20554				

Photo 1 of 3 : UCIP\_FA\_2023\_72485\_108435.jpg



Top of Levee: view of crown.

Comment Code					
Inspector Comment					
DS_ID:20554 FS_ID:72485 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 03/03/2022 Record updated from No Action Needed to Non-Urgent. No permit has been identified authorizing pipe. (D.Sanoski - DWR UCIP)  FIELD_STRUCT_DESC: 30-inch corrugated metal drainage pipe through the levee, 8 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Two corrugated metal cutoff walls. Grouted spillway on the WS. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 3, December 1968, (HLM 5.05)]. FS Date: 3/3/2022 4:23:51 PM					

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



**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Stanislaus River	Right	6.08	10/16/2023 10/16/2023	Alberto De Leon

LM Start	<b>5.10</b>	Rating **	M	Issue No.	<b>50 (cont)</b>
LM End	<b>5.10</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.697483°	37.697483°
				-121.191332°	-121.191332°
DWR ID	20554				

Photo 2 of 3 : UCIP\_FA\_2023\_72485\_108436.jpg



Land-Side: view of headwall and inlet.

LM Start	<b>5.10</b>	Rating **	M	Issue No.	<b>50 (cont)</b>
LM End	<b>5.10</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2023\_72485\_108437.jpg



Water-Side: view of headwall and flap gate.

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