

**Flood Control Project Maintenance  
Levee Inspections  
Fall 2023 Levee Maintenance Deficiency Summary Report**

**San Joaquin River Basin**

<b>RD2092</b>	Overall LMA Rating	Total LMA Miles						
<b>Reclamation District No. 2092 Dos Rios</b>	<b>U</b>	<b>3.71</b>						
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	0.49	6.65	27.09	731.03%				
Trim / Thin Trees	0.12		0.12	3.24%				
Encroachments					1.14			
Animal Control	0.01	0.27	1.09	29.41%				
Erosion / Bank Caving		0.01	0.04	1.08%				
Erosion / Vehicle Traffic	0.01		0.01	0.27%				
Crown Surface / Depressions / Rutting	0.15	0.13	0.67	18.08%				
Flood Preparedness & Training	0.04		0.04	1.08%				
<i>Supplemental</i>								
DWR UCIP Field Study					0.04			
DWR UCIP LMA Responsibility								
<i>LMA Totals:</i>	0.82	7.06	29.06	784.19%	1.18	0.00	0.00	0.00
<b>Unit No. 01 San Joaquin River RB</b>	Overall Unit Rating	Total Unit Miles						
<b>RD2092</b>	<b>U</b>	<b>3.71</b>						
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	0.49	6.65	27.09	731.03%				
Trim / Thin Trees	0.12		0.12	3.24%				
Encroachments					1.14			
Animal Control	0.01	0.27	1.09	29.41%				
Erosion / Bank Caving		0.01	0.04	1.08%				
Erosion / Vehicle Traffic	0.01		0.01	0.27%				
Crown Surface / Depressions / Rutting	0.15	0.13	0.67	18.08%				
<i>Supplemental</i>								
DWR UCIP Field Study					0.04			
DWR UCIP LMA Responsibility								
<i>Unit Totals:</i>	0.78	7.06	29.02	783.11%	1.18	0.00	0.00	0.00

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

**Reclamation District No. 2092 Dos Rios**

	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. 2092 Dos Rios**

Waterway			Bank	Unit Miles
Unit No. 01 San Joaquin River			Right	3.71
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>U</b>	
Date of Inspection	3/1/2023 - 3/1/2023		9/6/2023 - 9/6/2023	
DWR Inspector	Nate Hicks		Nate Hicks	
Accompanied By			Corey Fujitani DWR	

**Summer & Winter Inspections**

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

DWR must be informed on the:

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

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

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

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

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

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2023**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/06/2023 09/06/2023	Nate Hicks

LM Start	0.00	Rating **	M	Issue No.	18
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_RD2092_01_f_2012_18				
Comment Code					
FP : Flood Preparedness & Training					
Inspector Comment					
The LMA is prepared for flood response, but has not been involved in flood fight training for several years.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	24
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_RD2092_01_s_2012_24				
Comment Code					
OM : O&M Manuals					
Inspector Comment					
LMA has the O&M manual for their district.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	26
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_RD2092_01_s_2012_26				
Comment Code					
ES : Emergency Supplies & Equipment					
Inspector Comment					
LMA has adequate flood fighting supplies.					

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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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2023**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/06/2023 09/06/2023	Nate Hicks

LM Start	0.00	Rating **	U	Issue No.	13
LM End	3.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.602600°	37.573675°
				-121.158100°	-121.151367°
DWR ID	DWR_RD2092_01_f _ 2023_13				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

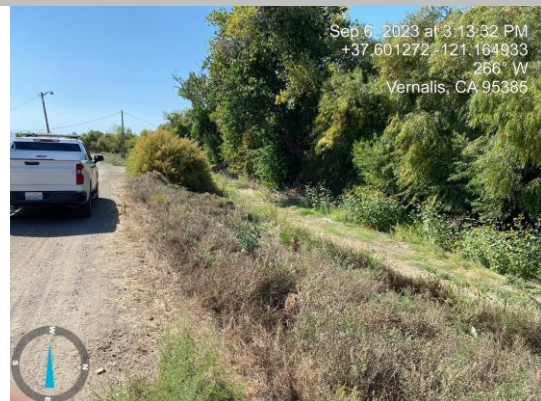
Photo 1 of 1 : FA\_2023\_RD2092\_116\_13\_20230922\_00070.jpg



View of vegetation on the landside slope (Fall 2023).

LM Start	0.00	Rating **	U	Issue No.	14
LM End	3.10	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.602600°	37.573673°
				-121.158100°	-121.151360°
DWR ID	DWR_RD2092_01_f_2023_14				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA\_2023\_RD2092\_116\_14\_20230922\_00071.jpg



View of vegetation on the waterside slope (Fall 2023).

LM Start	0.12	Rating **	M	Issue No.	30
LM End	0.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.602391°	37.602391°
				-121.160191°	-121.160191°
DWR ID	DWR_RD2092_01_f_2021_30				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Three elderberry trees are growing on the landside slope.					

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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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2023**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/06/2023 09/06/2023	Nate Hicks

LM Start	0.13	Rating **	U	Issue No.	32
LM End	0.13	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.602322°	37.602322°
				-121.160378°	-121.160378°
DWR ID	DWR_RD2092_01_f _ 2021_32				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : FA\_2023\_RD2092\_116\_32\_20230905\_00009.jpg



View of a large shrub growing on the waterside slope and shoulder. (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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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2023**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/06/2023 09/06/2023	Nate Hicks

LM Start	0.18	Rating **	U	Issue No.	973
LM End	0.18	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.602031°	37.602031°
				-121.161249°	-121.161249°
DWR ID	20561				
Comment Code					
Inspector Comment					
DS_ID:20561 FS_ID:81387 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 10/19/2023 Record remains Urgent. DMP internal video inspection has found severe pipe defects. Crossing will be monitored until funding becomes available to address the issues. Unable to confirm if flap gate is still broken (from the 2017 inspection) due to it being covered with a tarp. The flap gate hinges are bent causing the flap gate to not close properly; needs to be fixed. LS concrete headwall is completely separated from the pipe. No sink hole along LS pipe alignment (as noted in the 2019 inspection) during this inspection. No cover was present on CMP riser causing a safety hazard. Debris appears to be present at the slide gate which could potentially cause the slide gate to not close properly. (M. Thao - DWR UCIP) 03/12/2019 A thorough internal evaluation of this crossing is necessary. Pipe shows evidence of pipe integrity (LS) issues (pipe wall sections missing on LS inlet) and levee integrity issues (sink hole visible along LS pipe alignment). Internal inspection is recommended for this crossing to determine the extent of pipe damage through the levee. Pipe crosses the levee at an angle at a depth of about 19 feet. Recommend caution be taken at this crossing when driving over levee until additional information becomes available to determine condition of pipe through levee. Recommend cover be placed on riser to address safety concern (riser is 80 inches in diameter and about 19 feet deep). Slide gate appears to be blocked by sediment/debris preventing slide gate to work properly. Unable to confirm if the flap gate located on the WS is still broken (see photo from 2017). (O. Magana - DWR UCIP)09/24/2013 Pipe rusted through at headwall on LS toe. Good candidate for video inspection. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 60-inch corrugated metal drainage pipe through the levee, 19 feet below the crown. Flap gate on the waterside (WS) end. Slide gate in an 80-inch corrugated metal pipe (CMP) riser on the WS slope. Concrete U-shaped headwalls on both ends. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 5, August 1961, (HLM 0.18)]. FS Date: 10/19/2023 11:40:52 AM					

Photo 1 of 3 : UCIP\_FA\_2023\_81387\_117478.jpg



LS view: Headwall (right) completely separated from pipe inlet (left).

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2023**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/06/2023 09/06/2023	Nate Hicks

LM Start	0.18	Rating **	U	Issue No.	973 (cont)
LM End	0.18	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.602031°	37.602031°
				-121.161249°	-121.161249°
DWR ID	20561				

Photo 2 of 3 : UCIP\_FA\_2023\_81387\_117481.jpg



WS view: Slide gate located in CMP riser with debris.

LM Start	<b>0.18</b>	Rating **	U	Issue No.	<b>973 (cont)</b>
LM End	<b>0.18</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2023\_81387\_117483.jpg



WS view: Close-up view of flap gate covered with tarp; hinge bent so flap gate is not closing properly.

<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>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2023**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/06/2023 09/06/2023	Nate Hicks

LM Start	0.19	Rating **	M	Issue No.	974
LM End	0.19	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.601999°	37.601999°
				-121.161372°	-121.161372°
DWR ID	20581				
Comment Code					
Inspector Comment					
DS_ID:20581 FS_ID:81509 EP_NO: 6254A Repair Type: Non-Urgent EVAL Issue: 10, Unauthorized Modification or Non-Compliant Permit Crossing Status: Found UCIP Comments: 10/19/2023 Record remains Non-Urgent. Unable to find a permit for modification of the 18-inch PVC pipe sleeved through the existing 20-inch pipe. If crossing is no longer in use, recommend owner to contact CVFPB to abandon or remove pipe from levee. (M. Thao - DWR UCIP) 03/12/2019 Pipe has been altered on both WS and LS. A PVC pipe has been sleeved through an existing 22-inch pipe, no records have been found approving modification. This crossing appears abandoned, power source and power meter have been disconnected. Need to coordinate with CVFPB and owner. Crossing should be removed/abandoned properly per Title 23. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 18-inch polyvinyl chloride (PVC) pipe sleeved through 20-inch steel drainage pipe through the levee, 0.5 feet below the crown. 6-inch pad constructed over the pipes. This pumping plant was constructed in 1969 during emergency conditions without a permit. Replaced a 20-inch pipe at the same location. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 10/19/2023 3:13:00 PM					

Photo 1 of 1 : UCIP\_FA\_2023\_81509\_117888.jpg



LS view: 18-inch PVC pipe sleeved through the 22-inch steel pipe.

LM Start	0.35	Rating **	U	Issue No.	33
LM End	0.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.601360°	37.597490°
				-121.164292°	-121.168434°
DWR ID	DWR_RD2092_01_s_2022_33				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : FA\_2023\_RD2092\_116\_33\_20230905\_00010.jpg



Several large bushes obstructing view of the landside slope. (Fall 2022)

<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**

**Levee Inspection Report By Mile - Fall 2023**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/06/2023 09/06/2023	Nate Hicks

LM Start	0.41	Rating **	U	Issue No.	29
LM End	0.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.601230°	37.601230°
				-121.165247°	-121.165247°
DWR ID	DWR_RD2092_01_s_2023_29				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : FA\_2023\_RD2092\_116\_29\_20230905\_00007.jpg



Woody vegetation on waterside slope (Spring 2023).

LM Start	0.42	Rating **	M	Issue No.	28
LM End	0.42	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.601207°	37.601207°
				-121.165508°	-121.165508°
DWR ID	DWR_RD2092_01_f_2014_28				
Comment Code					
PO : Pole					
Inspector Comment					

No Photos

LM Start	0.44	Rating **	M	Issue No.	31
LM End	0.44	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.601149°	37.601149°
				-121.165772°	-121.165772°
DWR ID	DWR_RD2092_01_s_2018_31				
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					
Remove small tree on waterward shoulder before tree is established.					

Photo 1 of 1 : FA\_2023\_RD2092\_116\_31\_20230905\_00008.jpg



View of small tree growing on waterside shoulder. (Spring 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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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2023**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/06/2023 09/06/2023	Nate Hicks

LM Start	0.58	Rating **	U	Issue No.	35
LM End	0.58	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.599526°	37.599526°
				-121.167076°	-121.167076°
DWR ID	DWR_RD2092_01_s_2023_35				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : FA\_2023\_RD2092\_116\_35\_20230905\_00011.jpg



View of woody vegetation on waterside slope (Spring 2023).

LM Start	0.59	Rating **	M	Issue No.	40
LM End	0.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Vehicle Traffic			37.599406°	37.599406°
				-121.167083°	-121.167083°
DWR ID	DWR_RD2092_01_f _ 2018_40				
Comment Code					
E6 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Vehicle tracks on the landside slope should be repaired.					

Photo 1 of 1 : FA\_2023\_RD2092\_116\_40\_20230905\_00014.jpg



Vehicle tracks on landside slope approximately 6" deep perpendicular to the slope. (Fall 2018)

LM Start	0.61	Rating **	M	Issue No.	21
LM End	0.61	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.599208°	37.599208°
				-121.167150°	-121.167150°
DWR ID	DWR_RD2092_01_s_2021_21				
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					
Remove small tree on waterward shoulder before tree is established.					

Photo 1 of 1 : FA\_2023\_RD2092\_116\_21\_20230905\_00005.jpg



Looking upstream at a tree growing in the waterside shoulder. (Fall 2020)

<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>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2023**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/06/2023 09/06/2023	Nate Hicks

LM Start	0.62	Rating **	M	Issue No.	34
LM End	0.62	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.599070°	37.599070°
				-121.167223°	-121.167223°
DWR ID	DWR_RD2092_01_f_2020_34				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
A small elderberry tree is growing on the landside slope. Recommend removing before it can establish.					

No Photos

LM Start	0.66	Rating **	U	Issue No.	64
LM End	0.66	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.598518°	37.598518°
				-121.167698°	-121.167698°
DWR ID	DWR_RD2092_01_s_2023_64				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : FA\_2023\_RD2092\_116\_64\_20230905\_00030.jpg



View of woody vegetation on the waterside slope (Spring 2023).

LM Start	0.68	Rating **	M	Issue No.	67
LM End	0.68	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.598278°	37.598278°
				-121.167915°	-121.167915°
DWR ID	DWR_RD2092_01_s_2023_67				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
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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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2023**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/06/2023 09/06/2023	Nate Hicks

LM Start	0.76	Rating **	M	Issue No.	968
LM End	1.31	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.597291°	37.590568°
				-121.168496°	-121.164028°
DWR ID	DWR_RD2092_01_s_2012_968				
Comment Code					
DT : Ditch					
Inspector Comment					

Photo 1 of 1 : FA\_2023\_RD2092\_116\_968\_20230905\_00034.jpg



View of concrete ditch running along the landside toe. (Spring 2021)

LM Start	0.77	Rating **	M	Issue No.	54
LM End	1.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.597098°	37.593071°
				-121.168527°	-121.166494°
DWR ID	DWR_RD2092_01_f _ 2021_54				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Several elderberry trees should be removed before they can establish.					

No Photos

LM Start	1.19	Rating **	M	Issue No.	55
LM End	1.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.591527°	37.591188°
				-121.165707°	-121.165327°
DWR ID	DWR_RD2092_01_f _ 2021_55				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
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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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2023**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/06/2023 09/06/2023	Nate Hicks

LM Start	1.25	Rating **	M	Issue No.	39
LM End	1.31	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.590936°	37.590524°
				-121.164819°	-121.163947°
DWR ID	DWR_RD2092_01_s_2017_39				
Comment Code					
C3 : Add appropriate gravel or road base. Grade and compact.					
Inspector Comment					

Photo 1 of 1 : FA\_2023\_RD2092\_116\_39\_20230905\_00013.jpg



Looking upstream at rutting and depression on levee crown. (Fall 2022)

LM Start	1.29	Rating **	U	Issue No.	15
LM End	1.29	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.590674°	37.590674°
				-121.164195°	-121.164195°
DWR ID	DWR_RD2092_01_f_2023_15				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
A sinkhole has formed on the waterside shoulder and needs to be backfilled and compacted.					

Photo 1 of 1 : FA\_2023\_RD2092\_116\_15\_20230922\_00069.jpg



View of sinkhole near waterside shoulder (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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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2023**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/06/2023 09/06/2023	Nate Hicks

LM Start	1.30	Rating **	M	Issue No.	975
LM End	1.30	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.590603 °	37.590603 °
				-121.164111 °	-121.164111 °
DWR ID	20562				
Comment Code					
Inspector Comment					
DS_ID:20562 FS_ID:81554 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 5, Pipe Damage Crossing Status: Found UCIP Comments: 10/19/2023 Record remains Non-Urgent. DMP internal video inspection has found moderate pipe defects. Crossing will be monitored until funding becomes available for rehabilitation. Slide gate in a 48-inch CMP riser on WS slope not found. Distribution box on WS toe not found. Overgrown vegetation limits inspection of levee at this crossing on LS. (M. Thao - DWR UCIP) 03/12/2019 DMP internal video inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 4.1 and less than 5. Crossing will be monitored until funding becomes available for rehabilitation. During UCIP visual inspection, no pipe or levee integrity issues were observed. Distribution box located on the WS is falling apart (bricks missing). This crossing is an active crossing however, no permit has been found authorizing crossing. Need to determine who maintains and operates this crossing. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 15 feet below the crown. Slide gate in a 48-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. 4-foot by 6-foot concrete distribution box on the landside (LS) toe. 5-foot by 5-foot concrete riser on the WS toe. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 5, August 1961, (HLM 1.31). USACE As-Built Drawing No. 07-04-1555, Sheet 19.3, upstream of STA 260+00, 15 November 1961]. FS Date: 10/19/2023 4:26:48 PM					

Photo 1 of 3 : UCIP\_FA\_2023\_81554\_117506.jpg



Levee crown looking upstream.

<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**

**Levee Inspection Report By Mile - Fall 2023**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/06/2023 09/06/2023	Nate Hicks

LM Start	<b>1.30</b>	Rating **	M	Issue No.	<b>975 (cont)</b>
LM End	<b>1.30</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.590603°	37.590603°
				-121.164111°	-121.164111°
DWR ID	20562				

Photo 2 of 3 : UCIP\_FA\_2023\_81554\_117508.jpg



LS view: Concrete distribution box on toe; looking from crown.

LM Start	<b>1.30</b>	Rating **	M	Issue No.	<b>975 (cont)</b>
LM End	<b>1.30</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2023\_81554\_117510.jpg



LS view: Concrete riser on toe; looking from crown.

LM Start	1.31	Rating **	M	Issue No.	46
LM End	1.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.590563°	37.590563°
				-121.164005°	-121.164005°
DWR ID	DWR_RD2092_01_f_2019_46				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Multiple elderberry trees in landside slope should be removed before they can establish.					

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**

**Levee Inspection Report By Mile - Fall 2023**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/06/2023 09/06/2023	Nate Hicks

LM Start	1.33	Rating **	M	Issue No.	36
LM End	1.33	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.590382°	37.590382°
				-121.163677°	-121.163677°
DWR ID	DWR_RD2092_01_s_2023_36				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	1.38	Rating **	M	Issue No.	47
LM End	1.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.589985°	37.589985°
				-121.162959°	-121.162959°
DWR ID	DWR_RD2092_01_f_2021_47				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
There are multiple elderberry trees on the landside slope.					

No Photos

LM Start	1.45	Rating **	M	Issue No.	56
LM End	1.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.589151°	37.589151°
				-121.162259°	-121.162259°
DWR ID	DWR_RD2092_01_f_2021_56				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
There are several elderberry trees on the landside slope.					

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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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2023**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/06/2023 09/06/2023	Nate Hicks

LM Start	1.53	Rating **	M	Issue No.	37
LM End	1.53	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.587961°	37.587961°
				-121.162259°	-121.162259°
DWR ID	DWR_RD2092_01_s_2021_37				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

Photo 1 of 1 : FA\_2023\_RD2092\_116\_37\_20230905\_00012.jpg

View of tree branches hanging over the waterside slope and shoulder.  
(Spring 2022)

LM Start	1.56	Rating **	M	Issue No.	8
LM End	1.84	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.587575°	37.584057°
				-121.162454°	-121.162387°
DWR ID	DWR_RD2092_01_s_2012_8				
Comment Code					
DT : Ditch					
Inspector Comment					

Photo 1 of 1 : FA\_2023\_RD2092\_116\_8\_20230905\_00001.jpg



View of unlined ditch along the waterside toe looking upstream. (Spring 2020)

<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**

**Levee Inspection Report By Mile - Fall 2023**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/06/2023 09/06/2023	Nate Hicks

LM Start	1.56	Rating **	A/W	Issue No.	61
LM End	2.32	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.587575°	37.581465°
				-121.162454°	-121.156009°
DWR ID	DWR_RD2092_01_f_2021_61				
Comment Code					
CR : Crops					
Inspector Comment					
Corn has been harvested however continue to monitor to ensure that it is not planted up to the levee toe.					

No Photos

LM Start	1.58	Rating **	U	Issue No.	57
LM End	1.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.587344°	37.587344°
				-121.162631°	-121.162631°
DWR ID	DWR_RD2092_01_f_2021_57				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2023\_RD2092\_116\_57\_20230905\_00024.jpg



View of multiple large rodent burrows in the landside slope. (Fall 2021)

LM Start	1.60	Rating **	M	Issue No.	48
LM End	1.62	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.587068°	37.586794°
				-121.162773°	-121.162950°
DWR ID	DWR_RD2092_01_f_2019_48				
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\_RD2092\_116\_48\_20230905\_00019.jpg



View of branches hanging over waterside slope. (Fall 2019)

<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**

**Levee Inspection Report By Mile - Fall 2023**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/06/2023 09/06/2023	Nate Hicks

LM Start	1.62	Rating **	M	Issue No.	38
LM End	1.62	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.586842°	37.586842°
				-121.162897°	-121.162897°
DWR ID	DWR_RD2092_01_f_2020_38				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
There is a young elderberry tree growing on the waterside shoulder. Recommend removing it before it can establish.					

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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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2023**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/06/2023 09/06/2023	Nate Hicks

LM Start	1.69	Rating **	U	Issue No.	976
LM End	1.69	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.585938°	37.585938°
				-121.163348°	-121.163348°
DWR ID	20563				
Comment Code					
Inspector Comment					
DS_ID:20563 FS_ID:81556 EP_NO: N/A Repair Type: Urgent EVAL Issue: 3a, Flood Risk Crossing Status: Found UCIP Comments: 10/19/2023 Record remains Urgent. Slide gate on waterside missing potentially allowing uncontrolled flood water from WS to LS. Unable to locate CMP riser on WS slope due to overgrown vegetation. No issues observed on the LS headwall. DMP internal video inspection has found none or minor pipe defects. Recommend next video inspection in 5 years. (M. Thao - DWR UCIP) 03/12/2019 A thorough internal evaluation of this crossing is required, pipe shows evidence of pipe integrity (LS) issues (pipe wall sections missing on WS outlet). Internal inspection is recommended for this crossing to determine the extent of pipe damage through the levee. Maintenance issues identified at this crossing include: flap gate missing on WS, debris found inside concrete distribution box, and missing cover on riser. No permit has been identified for this crossing. Need to determine who maintains crossing; crossing appears functional. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 14 feet below the crown. Slide gate in a corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete U-shaped headwall at the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 5, August 1961, (HLM 1.71)]. FS Date: 10/19/2023 10:15:17 AM					

Photo 1 of 2 : UCIP\_FA\_2023\_81556\_117531.jpg



WS view: Pipe outlet at toe with missing 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**

**Levee Inspection Report By Mile - Fall 2023**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/06/2023 09/06/2023	Nate Hicks

LM Start	<b>1.69</b>	Rating **	U	Issue No.	<b>976 (cont)</b>
LM End	<b>1.69</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.585938°	37.585938°
				-121.163348°	-121.163348°
DWR ID	20563				

Photo 2 of 2 : UCIP\_FA\_2023\_81556\_79081.jpg



WS view: potential voids visible at pipe outlet.

LM Start	1.81	Rating **	M	Issue No.	49
LM End	1.81	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.584288°	37.584288°
				-121.162864°	-121.162864°
DWR ID	DWR_RD2092_01_s_2022_49				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent burrow in landside shoulder has collapsed into the crown.					

Photo 1 of 1 : FA\_2023\_RD2092\_116\_49\_20230905\_00020.jpg



Levee crown collapsing into a rodent burrow. (Spring 2022)

LM Start	1.88	Rating **	U	Issue No.	62
LM End	1.88	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.584091°	37.584091°
				-121.161624°	-121.161624°
DWR ID	DWR_RD2092_01_s_2022_62				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent burrow has collapsed in landside shoulder causing a hole on the crown.					

Photo 1 of 1 : FA\_2023\_RD2092\_116\_62\_20230905\_00028.jpg



Large hole in the levee crown from rodent burrows collapsing. (Spring 2022)

<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>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2023**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/06/2023 09/06/2023	Nate Hicks

LM Start	1.90	Rating **	U	Issue No.	63
LM End	1.90	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.584185°	37.584185°
				-121.161336°	-121.161336°
DWR ID	DWR_RD2092_01_s_2022_63				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent hole that has collapsed leaving a pothole in the levee crown.					

Photo 1 of 1 : FA\_2023\_RD2092\_116\_63\_20230905\_00029.jpg



View of collapsed rodent hole on the crown of the levee (Spring 2023).

LM Start	1.95	Rating **	U	Issue No.	70
LM End	1.95	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.584379°	37.584379°
				-121.160335°	-121.160335°
DWR ID	DWR_RD2092_01_s_2023_70				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Collapsed animal hole that has led to a large pothole in the levee crown.					

Photo 1 of 1 : FA\_2023\_RD2092\_116\_70\_20230905\_00032.jpg



View of collapsed rodent hole on the crown of the levee (Spring 2023).

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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**

**Levee Inspection Report By Mile - Fall 2023**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/06/2023 09/06/2023	Nate Hicks

LM Start	2.07	Rating **	M	Issue No.	977
LM End	2.07	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.584212°	37.584212°
				-121.158347°	-121.158347°
DWR ID	20564				
Comment Code					
Inspector Comment					
DS_ID:20564 FS_ID:81477 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 10/19/2023 Record remains Non-Urgent. Crossing appears abandoned; unable to locate a permit and confirm proper pipe abandonment. Overgrown vegetation limits inspection of levee on WS. (M. Thao - DWR UCIP) 03/12/2019 Concrete headwall found on LS toe. Pipe appears to have been grouted through. No other appurtenances were found during inspection. WS outlet was not found. Need to coordinate with the CVFPB to determine if additional steps are needed to comply with Title 23. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: *ABANDONED* 30-inch corrugated metal drainage pipe through the levee, 15 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Filled with concrete on the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 5, August 1961, (HLM 2.10), 36-inch pipe listed]. FS Date: 10/19/2023 2:50:09 PM					
LM Start	2.07	Rating **	M	Issue No.	977 (cont)
LM End	2.07	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2023\_81477\_117865.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP\_FA\_2023\_81477\_117866.jpg



LS view: Concrete headwall and pipe inlet at toe (left); groundwater pump and concrete drop structure approximately 10 feet off toe (right).

<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**

**Levee Inspection Report By Mile - Fall 2023**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/06/2023 09/06/2023	Nate Hicks

LM Start	<b>2.07</b>	Rating **	M	Issue No.	<b>977 (cont)</b>
LM End	<b>2.07</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.584212°	37.584212°
				-121.158347°	-121.158347°
DWR ID	20564				

Photo 3 of 3 : UCIP\_FA\_2023\_81477\_117867.jpg



LS view: Close-up view of concrete headwall and pipe inlet on toe.

LM Start	2.07	Rating **	M	Issue No.	72
LM End	2.07	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.584191°	37.584191°
				-121.158298°	-121.158298°
DWR ID	DWR_RD2092_01_s_2023_72				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	2.21	Rating **	M	Issue No.	73
LM End	2.21	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.582980°	37.582980°
				-121.156263°	-121.156263°
DWR ID	DWR_RD2092_01_s_2023_73				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
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>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2023**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/06/2023 09/06/2023	Nate Hicks

LM Start	2.23	Rating **	M	Issue No.	43
LM End	2.23	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.582717°	37.582717°
				-121.155980°	-121.155980°
DWR ID	DWR_RD2092_01_f _ 2020_43				
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					
Palm tree in landside toe should be removed before it can establish.					

Photo 1 of 1 : FA\_2023\_RD2092\_116\_43\_20230905\_00016.jpg



View of small palm tree growing on the landside toe. (Fall 2020)

LM Start	2.28	Rating **	M	Issue No.	41
LM End	2.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.582041°	37.582041°
				-121.155851°	-121.155851°
DWR ID	DWR_RD2092_01_s_2021_41				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Elderberry tree in waterside shoulder should be removed before it can establish.					

No Photos

LM Start	2.29	Rating **	M	Issue No.	59
LM End	2.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.581898°	37.581898°
				-121.155857°	-121.155857°
DWR ID	DWR_RD2092_01_s_2020_59				
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					
Palm tree should be removed from the landside toe before it can establish.					

Photo 1 of 1 : FA\_2023\_RD2092\_116\_59\_20230905\_00026.jpg



Up close view of palm tree growing at the levee toe. (Spring 2020)

<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>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2023**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/06/2023 09/06/2023	Nate Hicks

LM Start	2.33	Rating **	U	Issue No.	74
LM End	2.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.581324°	37.581324°
				-121.156108°	-121.156108°
DWR ID	DWR_RD2092_01_s_2023_74				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : FA\_2023\_RD2092\_116\_74\_20230905\_00033.jpg



View of woody vegetation on landside slope (Spring 2023).

LM Start	2.34	Rating **	A/W	Issue No.	42
LM End	2.34	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.581227°	37.581227°
				-121.156099°	-121.156099°
DWR ID	DWR_RD2092_01_f_2022_42				
Comment Code					
PI : Pipe					
Inspector Comment					
Tempory pipe has been removed. Continue to monitor to ensure pipe is not placed back over levee crown.					

Photo 1 of 1 : FA\_2023\_RD2092\_116\_42\_20230905\_00015.jpg

Temporary pipe crossing placed across levee crown blocking access.  
(Fall 2022)

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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**

**Levee Inspection Report By Mile - Fall 2023**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/06/2023 09/06/2023	Nate Hicks

LM Start	2.34	Rating **	M	Issue No.	978
LM End	2.34	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.581226°	37.581226°
				-121.156175°	-121.156175°
DWR ID	24680				
Comment Code					
Inspector Comment					
DS_ID:24680 FS_ID:81501 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 4b, Safety Issue Crossing Status: Found UCIP Comments: 10/19/2023 Record remains Non-Urgent. Unable to find a permit for modification. New 21-inch PVC pipe seems to be added at this levee section using old appurtenances associated with DSID 20566. Debris present in CMP riser on WS and does not appear to be in use; recommend owner contact CVFPB to authorize modifications and abandon appurtenances no longer in use. No cover was present on concrete distribution box and CMP riser causing a safety hazard; recommend adding a cover to both. (M. Thao - DWR UCIP) 03/12/2019 No permit was found authorizing modifications to existing crossing. New crossing was added at this levee section using the old appurtenances associated with USACE O&M Legacy system Pipe (dsid 20566). The pipe associated with dsid 20566 has been grouted through (see dsid 20566 detail report). Irrigation pipe is functional and pipe is being maintained. Unable to confirm if riser located on WS is being used with this crossing. Need to coordinate with CVFPB to determine owner and if permit was issued for the modifications of this crossing. (O. Magana - DWR UCIP) 09/24/2013 No permit identified for this crossing. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 21-inch polyvinyl chloride (PVC) irrigation pipe through the levee, at an unknown depth. Pipe discharges into a concrete distribution box on the landside (LS) toe. Pump on pier off the waterside (WS) toe. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 10/19/2023 4:24:54 PM					

Photo 1 of 2 : UCIP\_FA\_2023\_81501\_117898.jpg



LS view: General overview looking from crown; concrete distribution box and 21-inch PVC irrigation 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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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2023**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/06/2023 09/06/2023	Nate Hicks

LM Start	<b>2.34</b>	Rating **	M	Issue No.	<b>978 (cont)</b>
LM End	<b>2.34</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.581226°	37.581226°
				-121.156175°	-121.156175°
DWR ID	24680				

Photo 2 of 2 : UCIP\_FA\_2023\_81501\_117899.jpg



LS view: Different angle of concrete distribution box and 21-inch PVC irrigation pipe on slope; looking in upstream direction.

<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**

**Levee Inspection Report By Mile - Fall 2023**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/06/2023 09/06/2023	Nate Hicks

LM Start	2.34	Rating **	M	Issue No.	979
LM End	2.34	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.581213°	37.581213°
				-121.156175°	-121.156175°
DWR ID	20566				
Comment Code					
Inspector Comment					
DS_ID:20566 FS_ID:81555 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 4b, Safety Issue Crossing Status: Found UCIP Comments: 10/19/2023 Record remains Non-Urgent. Crossing appears to be modified; unable to find a permit for modification. New 21-inch PVC pipe (DSID 24680) seems to be added using appurtenances associated with this crossing. Debris is present in CMP riser on WS and does not appear to be in use. If original pipe is no longer in use, recommend owner contact CVFPB to abandon it properly and permit the modification. No cover was present on concrete distribution box and CMP riser causing a safety hazard; recommend adding a cover to both. (M. Thao - DWR UCIP) 03/12/2019 Concrete distribution box found on LS with evidence that 24-inch pipe was going through levee. Pipe appears to have been grouted through. Riser is still present on WS however, unable to determine if pipe was grouted all the way through the levee section. Concrete distribution box is currently being used by an unauthorized pipe encroachment (see DSID 24680). Lid missing from CMP riser. Owner needs to add lid to riser to prevent entry in confined space. Need to coordinate with the CVFPB to determine how to address abandoned appurtenances and pipe abandonment. (O. Magana - DWR UCIP) 09/24/2013 Pipe appears abandoned and needs to be verified as having been done so properly. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: *ABANDONED* 24-inch corrugated metal irrigation pipe through the levee, 11 feet below the crown. Slide gate in a 36-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. 5-foot by 5-foot concrete distribution box on the landside (LS). Pump on platform in the channel. Pipe filled with concrete on the LS toe. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 5, August 1961, (HLM 2.38)]. FS Date: 10/19/2023 8:14:32 AM					

Photo 1 of 2 : UCIP\_FA\_2023\_81555\_117950.jpg



LS view: Looking from crown; concrete distribution box with no cover and unauthorized modified 21-inch PVC irrigation pipe on slope.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2023**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/06/2023 09/06/2023	Nate Hicks

LM Start	<b>2.34</b>	Rating **	M	Issue No.	<b>979 (cont)</b>
LM End	<b>2.34</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.581213°	37.581213°	
			-121.156175°	-121.156175°	
DWR ID	20566				

Photo 2 of 2 : UCIP\_FA\_2023\_81555\_117949.jpg



WS view: Looking from crown; CMP riser with no cover on slope and pump on timber pile structure located approximately 120 feet off toe.

LM Start	2.34	Rating **	M	Issue No.	65
LM End	2.37	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.581186°	37.580835°
				-121.156182°	-121.156475°
DWR ID	DWR_RD2092_01_s_2022_65				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

LM Start	2.34	Rating **	M	Issue No.	58
LM End	2.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.581166°	37.581166°
				-121.156156°	-121.156156°
DWR ID	DWR_RD2092_01_s_2022_58				
Comment Code					
T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Palm tree should be removed from the landside slope.					

Photo 1 of 1 : FA\_2023\_RD2092\_116\_58\_20230905\_00025.jpg



View of palm tree growing on the landside slope. (Spring 2020)

<b>* Location</b>		<b>** Rating</b>		<b>+ Issue Type</b>	
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 2023**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/06/2023 09/06/2023	Nate Hicks

LM Start	2.35	Rating **	M	Issue No.	75
LM End	2.35	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.581072°	37.581072°
				-121.156281°	-121.156281°
DWR ID	DWR_RD2092_01_s_2023_75				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	2.36	Rating **	U	Issue No.	66
LM End	2.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.580992°	37.580641°
				-121.156336°	-121.156610°
DWR ID	DWR_RD2092_01_s_2022_66				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2023\_RD2092\_116\_66\_20230905\_00031.jpg



View of several large rodent holes in the landside slope. (Spring 2022)

LM Start	2.37	Rating **	M	Issue No.	20
LM End	2.37	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.580821°	37.580821°
				-121.156468°	-121.156468°
DWR ID	DWR_RD2092_01_f_2014_20				
Comment Code					
PO : Pole					
Inspector Comment					

Photo 1 of 1 : FA\_2023\_RD2092\_116\_20\_20230905\_00004.jpg



View of the pole on the landside slope of the levee looking upstream. (Spring 2020)

<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>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2023**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/06/2023 09/06/2023	Nate Hicks

LM Start	2.38	Rating **	M	Issue No.	76
LM End	2.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.580731°	37.580731°
				-121.156552°	-121.156552°
DWR ID	DWR_RD2092_01_s _ 2023_76				
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

<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**

**Levee Inspection Report By Mile - Fall 2023**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/06/2023 09/06/2023	Nate Hicks

LM Start	2.40	Rating **	M	Issue No.	980	
LM End	2.40	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.580426°	37.580426°	
				-121.156798°	-121.156798°	
DWR ID	20567					
Comment Code						
Inspector Comment						
DS_ID:20567 FS_ID:81503 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 10/19/2023 Record remains Non-Urgent. Concrete head on LS may be buried; therefore, unable to locate concrete headwall. Concrete headwall on WS approximately 100 feet off toe was found; however, dense vegetation prevented inspection of the flap gate. Top of pipe leading to headwall is visible within the floodway. If crossing is no longer in use, recommend owner contact CVFPB to abandon pipe properly. (M. Thao - DWR UCIP) 03/12/2019 Unable to locate concrete headwall on the WS due to high water. Unable to locate concrete headwall on LS due to dense vegetation. No permit was found authorizing crossing. If crossing is no longer in use recommend removing crossing and appurtenances from levee. Need to coordinate with CVFPB to determine pipe owner. (O. Magana - DWR UCIP) 09/24/2013 Appears abandoned and if so should be done so properly. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: *ABANDONED* 24-inch corrugated metal drainage pipe through the levee, 15 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on the WS end. Concrete headwall on the landside (LS) toe next to pump. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 5, August 1961, (HLM 2.44)]. FS Date: 10/19/2023 8:57:18 AM						

Photo 1 of 3 : UCIP\_FA\_2023\_81503\_117957.jpg



Levee crown looking upstream.

<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**

**Levee Inspection Report By Mile - Fall 2023**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/06/2023 09/06/2023	Nate Hicks

LM Start	<b>2.40</b>	Rating **	M	Issue No.	<b>980 (cont)</b>
LM End	<b>2.40</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.580426°	37.580426°	
			-121.156798°	-121.156798°	
DWR ID	20567				

Photo 2 of 3 : UCIP\_FA\_2023\_81503\_117958.jpg



LS view: Looking from crown; no concrete headwall found. Pipe appurtenances associated with a different record (DSID 20568).

LM Start	<b>2.40</b>	Rating **	M	Issue No.	<b>980 (cont)</b>
LM End	<b>2.40</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2023\_81503\_117959.jpg



LS view: Looking toward levee; no concrete headwall found. Pipe appurtenances associated with a different record (DSID 20568).

LM Start	2.44	Rating **	M	Issue No.	50
LM End	2.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.579945°	37.579945°
				-121.156995°	-121.156995°
DWR ID	DWR_RD2092_01_f_2019_50				
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					
Palm tree should be removed from landside slope before it can establish.					

Photo 1 of 1 : FA\_2023\_RD2092\_116\_50\_20230905\_00021.jpg



View of palm tree in the landside slope. (Spring 2020)

<b>* Location</b> LS : Land Side 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**

**Levee Inspection Report By Mile - Fall 2023**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/06/2023 09/06/2023	Nate Hicks

LM Start	2.45	Rating **	M	Issue No.	77
LM End	2.50	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.579732°	37.579019°
				-121.157021°	-121.157006°
DWR ID	DWR_RD2092_01_s _ 2023_77				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

LM Start	2.49	Rating **	M	Issue No.	51
LM End	2.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.579133°	37.579133°
				-121.156981°	-121.156981°
DWR ID	DWR_RD2092_01_f_2019_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					
Palm tree should be removed from landside toe before it can establish.					

Photo 1 of 1 : FA\_2023\_RD2092\_116\_51\_20230905\_00022.jpg



View of palm tree growing in landside toe. (Fall 2019)

LM Start	2.55	Rating **	M	Issue No.	19
LM End	2.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.578333°	37.578333°
				-121.157011°	-121.157011°
DWR ID	DWR_RD2092_01_s_2018_19				
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					
Palm trees at landward slope and toe should be removed.					

Photo 1 of 1 : FA\_2023\_RD2092\_116\_19\_20230905\_00003.jpg



View of palm tree growing on landside slope. (Fall 2019)

<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**

**Levee Inspection Report By Mile - Fall 2023**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/06/2023 09/06/2023	Nate Hicks

LM Start	2.56	Rating **	U	Issue No.	44
LM End	2.63	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.578179°	37.577159°
				-121.157036°	-121.157150°
DWR ID	DWR_RD2092_01_f_2018_44				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
There are several burrows along the landside slope that need to be backfilled.					

Photo 1 of 1 : FA\_2023\_RD2092\_116\_44\_20230905\_00017.jpg



View of rodent burrows in landside slope. (Spring 2020)

LM Start	2.60	Rating **	M	Issue No.	78
LM End	2.60	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.577653°	37.577653°
				-121.157121°	-121.157121°
DWR ID	DWR_RD2092_01_s_2023_78				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	2.61	Rating **	M	Issue No.	22
LM End	2.61	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.577387°	37.577387°
				-121.157133°	-121.157133°
DWR ID	DWR_RD2092_01_f_2014_22				
Comment Code					
PO : Pole					
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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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2023**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/06/2023 09/06/2023	Nate Hicks

LM Start	2.62	Rating **	M	Issue No.	53
LM End	2.62	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.577261°	37.577261°
				-121.157146°	-121.157146°
DWR ID	DWR_RD2092_01_f _ 2019_53				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	2.63	Rating **	U	Issue No.	17
LM End	2.76	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.577186°	37.575364°
				-121.157159°	-121.157093°
DWR ID	DWR_RD2092_01_s_2018_17				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Several large rodent holes within this reach need to be backfilled.					

Photo 1 of 1 : FA\_2023\_RD2092\_116\_17\_20230905\_00002.jpg



Looking upstream on waterward slope at several large rodent holes.  
(Spring 2018)

LM Start	2.69	Rating **	M	Issue No.	23
LM End	2.69	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.576363°	37.576363°
				-121.157212°	-121.157212°
DWR ID	DWR_RD2092_01_f_2014_23				
Comment Code					
PO : Pole					
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>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2023**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/06/2023 09/06/2023	Nate Hicks

LM Start	2.74	Rating **	U	Issue No.	45
LM End	2.74	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.575514°	37.575514°
				-121.157140°	-121.157140°
DWR ID	DWR_RD2092_01_s_2019_45				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					
Depression and rutting in levee crown should be repaired.					

Photo 1 of 1 : FA\_2023\_RD2092\_116\_45\_20230905\_00018.jpg



View of depression in levee crown. (Spring 2019)

LM Start	2.77	Rating **	M	Issue No.	27
LM End	2.77	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.575182°	37.575182°
				-121.157007°	-121.157007°
DWR ID	DWR_RD2092_01_f_2017_27				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : FA\_2023\_RD2092\_116\_27\_20230905\_00006.jpg



View of a fence on the landside toe of the levee looking downstream (Spring 2022).

<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**

**Levee Inspection Report By Mile - Fall 2023**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/06/2023 09/06/2023	Nate Hicks

LM Start	2.78	Rating **	M	Issue No.	981
LM End	2.78	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.575050°	37.575050°
				-121.156872°	-121.156872°
DWR ID	20569				
Comment Code					
Inspector Comment					
DS_ID:20569 FS_ID:81479 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Not Found UCIP Comments: 10/19/2023 Record remains Non-Urgent. Crossing not found. Geophysical study indicates possible presence of pipe through levee. Owner needs to coordinate with the CVFPB to remove or abandon crossing properly. Coordinates have been updated from 37.575002, -121.156753 to 37.575050, -121.156872 based on DMP aerial imagery. (M. Thao - DWR UCIP) 03/12/2019 Need to confirm status of crossing through levee section. Geophysical study indicates possible presence of pipe through levee. Owner needs to coordinate with the CVFPB to remove or abandon crossing according to Title 23 requirements. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 6 feet below the crown. Concrete U-shaped headwall and flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 5, August 1961, (HLM 2.83)]. FS Date: 10/19/2023 10:35:58 AM					
LM Start	2.78	Rating **	M	Issue No.	981 (cont)
LM End	2.78	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2023\_81479\_117873.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP\_FA\_2023\_81479\_117872.jpg



LS view: General overview looking from 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	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**

**Levee Inspection Report By Mile - Fall 2023**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/06/2023 09/06/2023	Nate Hicks

LM Start	<b>2.78</b>	Rating **	M	Issue No.	<b>981 (cont)</b>
LM End	<b>2.78</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.575050°	37.575050°	
			-121.156872°	-121.156872°	
DWR ID	20569				

Photo 3 of 3 : UCIP\_FA\_2023\_81479\_117874.jpg



WS view: General overview looking from crown.

LM Start	2.79	Rating **	M	Issue No.	972
LM End	3.05	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.574973°	37.574001°
				-121.156647°	-121.152183°
DWR ID	DWR_RD2092_01_f _ 2018_972				
Comment Code					
FE : Fence					
Inspector Comment					
Barbed wire fence on waterside toe of the levee.					

Photo 1 of 1 : FA\_2023\_RD2092\_116\_972\_20230905\_00035.jpg



View of barbed wire fence along the waterward slope looking upstream.

LM Start	2.82	Rating **	U	Issue No.	60
LM End	2.94	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.574868°	37.574425°
				-121.156163°	-121.154046°
DWR ID	DWR_RD2092_01_s_2020_60				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					
Potholes and rutting in the levee crown should be repaired.					

Photo 1 of 1 : FA\_2023\_RD2092\_116\_60\_20230905\_00027.jpg



View of rutting and potholes on levee crown looking downstream. (Spring 2021)

<b>* Location</b> LS : Land Side 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**

**Levee Inspection Report By Mile - Fall 2023**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/06/2023 09/06/2023	Nate Hicks

LM Start	2.86	Rating **	M	Issue No.	982	
LM End	2.86	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.574741°	37.574741°	
				-121.155495°	-121.155495°	
DWR ID	20570					
Comment Code						
Inspector Comment						
DS_ID:20570 FS_ID:81480 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Not Found UCIP Comments: 10/19/2023 Record remains Non-Urgent. Crossing not found. Geophysical study indicates possible presence of pipe through levee. If pipe is no longer in use, recommend owner to contact CVFPB to abandon or remove pipe from levee properly. (M. Thao - DWR UCIP) 03/12/2019 Unable to locate concrete headwall on the WS. Concrete headwall is still visible on the LS however, this crossing appears to be abandoned. No permit was found authorizing crossing. If crossing is no longer in use recommend removing crossing and appurtenances from levee. (O. Magana - DWR UCIP) 09/24/2013 Appears abandoned and if so, should be done so properly. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 6.5 feet below the crown. Concrete U-shaped headwall and flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) slope. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 5, August 1961]. FS Date: 10/19/2023 11:06:32 AM						

LM Start	<b>2.86</b>	Rating **	M	Issue No.	<b>982 (cont)</b>
LM End	<b>2.86</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2023\_81480\_117876.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP\_FA\_2023\_81480\_117877.jpg



LS view: General overview looking from 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	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**

**Levee Inspection Report By Mile - Fall 2023**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/06/2023 09/06/2023	Nate Hicks

LM Start	<b>2.86</b>	Rating **	M	Issue No.	<b>982 (cont)</b>
LM End	<b>2.86</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.574741°	37.574741°	
			-121.155495°	-121.155495°	
DWR ID	20570				

Photo 3 of 3 : UCIP\_FA\_2023\_81480\_117875.jpg



WS view: General overview looking from crown.

LM Start	2.94	Rating **	A/W	Issue No.	52
LM End	2.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.574455°	37.574455°
				-121.154069°	-121.154069°
DWR ID	DWR_RD2092_01_s_2021_52				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Single rodent and burrow observed on landside shoulder. Monitor area for increase in rodent activity.					

Photo 1 of 1 : FA\_2023\_RD2092\_116\_52\_20230905\_00023.jpg



View of single burrow and rodent observed on landside shoulder. (Spring 2021)

LM Start	3.01	Rating **	M	Issue No.	69
LM End	3.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.574237°	37.574237°
				-121.152758°	-121.152758°
DWR ID	DWR_RD2092_01_s_2022_69				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
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>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2023**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/06/2023 09/06/2023	Nate Hicks

LM Start	3.15	Rating **	M	Issue No.	81
LM End	3.15	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.573403°	37.573403°
				-121.150444°	-121.150444°
DWR ID	DWR_RD2092_01_s _ 2023_81				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
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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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2023**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/06/2023 09/06/2023	Nate Hicks

LM Start	3.47	Rating **	M	Issue No.	983	
LM End	3.47	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.573304°	37.573304°	
				-121.144747°	-121.144747°	
DWR ID	20572					
Comment Code						
Inspector Comment						
DS_ID:20572 FS_ID:81482 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 4b, Safety Issue Crossing Status: Found UCIP Comments: 10/19/2023 Record remains Non-Urgent. No cover was present on WS CMP riser causing a safety hazard; recommend adding a cover. Debris found in CMP riser but no slide gate present. Concrete headwalls were not found on landside (LS) or WS. Geophysical study indicates possible presence of pipe through levee. If crossing is no longer in use, owner needs to coordinate with the CVFPB to remove or abandon crossing properly. (M. Thao - DWR UCIP) 03/12/2019 No permit was found authorizing crossing. Unable to confirm if crossing is in use. Recommend adding cover to riser to address safety concern. No slide gate was found in CMP riser. If crossing is no longer in use, recommend proper abandonment or removal from levee. Owner will need to coordinate with CVFPB to be compliant with Title 23. (O. Magana - DWR UCIP) 09/24/2013 This pipe appears abandoned and if so, should be done so properly. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 11 feet below the crown. Slide gate in a corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete headwalls on both ends. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 5, August 1961, (HLM 3.52)]. FS Date: 10/19/2023 12:01:36 PM						

LM Start	<b>3.47</b>	Rating **	M	Issue No.	<b>983 (cont)</b>
LM End	<b>3.47</b>	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP\_FA\_2023\_81482\_117882.jpg



WS view: 48-inch CMP riser with no cover on slope; looking from crown.

Photo 2 of 2 : UCIP\_FA\_2023\_81482\_117883.jpg



WS view: Debris within 48-inch CMP riser.

<b>* Location</b>		<b>** Rating</b>		<b>+ Issue Type</b>	
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 2023****Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/06/2023 09/06/2023	Nate Hicks

<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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