

**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/07/2022 09/07/2022	Corey Fujitani

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>18</b>
LM End	<b>0.00</b>	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	<b>0.00</b>	Rating **	A	Issue No.	<b>24</b>
LM End	<b>0.00</b>	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	<b>0.00</b>	Rating **	A	Issue No.	<b>26</b>
LM End	<b>0.00</b>	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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Unit No. 01 San Joaquin River	Right	3.71	09/07/2022 09/07/2022	Corey Fujitani

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 growing in the landside slope.					

No Photos

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\_2022\_RD2092\_116\_32\_20220822\_00008.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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/07/2022 09/07/2022	Corey Fujitani

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:53799 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 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: 3/12/2019 12:05:00 PM						

Photo 1 of 3 : UCIP\_FA\_2022\_53799\_79055.jpg



Overview of levee with approximate pipe alignment (pipe angled through levee).

<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	3.71	09/07/2022 09/07/2022	Corey Fujitani

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\_2022\_53799\_79054.jpg



LS view: overview of LS with sink hole visible along pipe alignment.

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\_2022\_53799\_79058.jpg



LS view: pipe crosses levee at angle, approximate alignment on LS.

LM Start	0.30	Rating **	M	Issue No.	35
LM End	2.87	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.601499 °	37.574698 °
				-121.163339 °	-121.155367 °
DWR ID	DWR_RD2092_01_f_2022_35				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA\_2022\_RD2092\_116\_35\_20220915\_00069.jpg



Looking east along the waterside slope. (Fall 2022)

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# Reclamation District No. 2092 Dos Rios

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/07/2022 09/07/2022	Corey Fujitani

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\_2022\_RD2092\_116\_21\_20220822\_00005.jpg



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

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					
Small elderberry tree growing in the landside slope. Recommend removing before it can establish.					

No Photos

LM Start	0.79	Rating **	M	Issue No.	36
LM End	2.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.596791 °	37.574697 °
				-121.168478 °	-121.155367 °
DWR ID	DWR_RD2092_01_f_2022_36				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/07/2022 09/07/2022	Corey Fujitani

LM Start	0.87	Rating **	M	Issue No.	54
LM End	1.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.595780 °	37.593265 °
				-121.168203 °	-121.166675 °
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	1.20	Rating **	M	Issue No.	55
LM End	1.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.591453 °	37.591453 °
				-121.165684 °	-121.165684 °
DWR ID	DWR_RD2092_01_f_2021_55				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

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\_2022\_RD2092\_116\_39\_20220915\_00071.jpg



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

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Unit No. 01 San Joaquin River	Right	3.71	09/07/2022 09/07/2022	Corey Fujitani

LM Start	1.30	Rating **	A/W	Issue No.	976
LM End	1.30	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.590603 °	37.590603 °
				-121.164109 °	-121.164109 °
DWR ID	20574				
Comment Code					
Inspector Comment					
DS_ID:20574 FS_ID:53772 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Not Found UCIP Comments: 03/12/2019 (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: *REMOVED* 36-inch corrugated metal drainage pipe through the levee, 15 feet below the crown. Slide gate in a corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete distribution box at the toe of both slopes. Replaced by another 36-inch pipe at the same location. [Additional Reference(s): USACE San Joaquin O&M Manual 5, August 1961, (HLM 1.31)]. FS Date: 3/12/2019 12:07:12 PM					

No Photos

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

<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	3.71	09/07/2022 09/07/2022	Corey Fujitani

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					
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					
Several elderberry trees on the landside slope.					

No Photos

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\_2022\_RD2092\_116\_37\_20220822\_00010.jpg



View of tree branches hanging over the waterside slope and shoulder.  
(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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/07/2022 09/07/2022	Corey Fujitani

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\_2022\_RD2092\_116\_57\_20220822\_00021.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\_2022\_RD2092\_116\_48\_20220822\_00016.jpg



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

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					
Young elderberry tree growing in the waterside shoulder. Recommend removing 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	<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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Unit No. 01 San Joaquin River	Right	3.71	09/07/2022 09/07/2022	Corey Fujitani

LM Start	1.69	Rating **	U	Issue No.	977
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:53817 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 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: 3/12/2019 12:07:00 PM					

LM Start	<b>1.69</b>	Rating **	U	Issue No.	<b>977 (cont)</b>
LM End	<b>1.69</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2022\_53817\_79086.jpg



Overview of levee crown looking d/s towards pipe crossing.

Photo 2 of 3 : UCIP\_FA\_2022\_53817\_79087.jpg



WS view: overview of WS.

<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	3.71	09/07/2022 09/07/2022	Corey Fujitani

LM Start	<b>1.69</b>	Rating **	U	Issue No.	<b>977 (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 3 of 3 : UCIP\_FA\_2022\_53817\_79085.jpg



LS view: overview of LS.

LM Start	<b>1.69</b>	Rating **	A/W	Issue No.	<b>978</b>
LM End	<b>1.69</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.585921 °	37.585921 °
				-121.163319 °	-121.163319 °
DWR ID	20575				

No Photos

**Comment Code**

**Inspector Comment**

DS\_ID:20575  
 FS\_ID:53774  
 EP\_NO: N/A  
 Repair Type: No Action Needed  
 EVAL Issue:  
 Crossing Status: Not Found  
 UCIP Comments: 03/12/2019 (O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: \*REMOVED\* 24-inch reinforced concrete drainage pipe through the levee, 14 feet below the crown. Slide gate in corrugated metal pipe riser on the waterside (WS) slope. Concrete U-shaped headwall at the landside (LS) toe. Replaced by another 24-inch pipe at the same location. [Additional Reference(s): USACE San Joaquin O&M Manual 5, August 1961, (HLM 1.71)].  
 FS Date: 3/12/2019 12:07:46 PM

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



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

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/07/2022 09/07/2022	Corey Fujitani

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					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Rodent burrow in landside shoulder has collapsed into the crown.					

Photo 1 of 1 : FA\_2022\_RD2092\_116\_49\_20220822\_00017.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\_2022\_RD2092\_116\_62\_20220822\_00026.jpg



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

LM Start	1.90	Rating **	M	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					

Photo 1 of 1 : FA\_2022\_RD2092\_116\_63\_20220822\_00027.jpg



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>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 2022**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/07/2022 09/07/2022	Corey Fujitani

LM Start	2.06	Rating **	A/W	Issue No.	979
LM End	2.06	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.584206 °	37.584206 °
				-121.158386 °	-121.158386 °
DWR ID	20576				
Comment Code					
Inspector Comment					
DS_ID:20576					
FS_ID:53775					
EP_NO: N/A					
Repair Type: No Action Needed					
EVAL Issue:					
Crossing Status: Not Found					
UCIP Comments: 03/12/2019 (O. Magana - DWR UCIP)					
FIELD_STRUCT_DESC: *REMOVED* 30-inch reinforced concrete drainage pipe through the levee, 15 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Replaced by another 30-inch pipe at the same location. [Additional Reference(s): USACE San Joaquin O&M Manual 5, August 1961, (HLM 2.10), 36-inch pipe listed].					
FS Date: 3/12/2019 12:08:06 PM					

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**

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

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/07/2022 09/07/2022	Corey Fujitani

LM Start	2.07	Rating **	M	Issue No.	980	
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:53814 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 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: 3/12/2019 12:08:00 PM						

Photo 1 of 3 : UCIP\_FA\_2022\_53814\_79091.jpg



Overview of levee crown, looking u/s from d/s, and approximate pipe alignment.

LM Start	<b>2.07</b>	Rating **	M	Issue No.	<b>980 (cont)</b>
LM End	<b>2.07</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_FA\_2022\_53814\_79092.jpg



Overview of levee at crossing, photo taken u/s looking d/s towards pipe crossing.

* 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 2022**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/07/2022 09/07/2022	Corey Fujitani

LM Start	2.07	Rating **	M	Issue No.	980 (cont)
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				

Photo 3 of 3 : UCIP\_FA\_2022\_53814\_79093.jpg



LS view: concrete riser, power pole, and groundwater pump station.

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\_2022\_RD2092\_116\_43\_20220822\_00013.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

<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 2022**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/07/2022 09/07/2022	Corey Fujitani

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\_2022\_RD2092\_116\_59\_20220822\_00023.jpg



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

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\_2022\_RD2092\_116\_58\_20220822\_00022.jpg



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

LM Start	2.35	Rating **	M	Issue No.	65
LM End	2.35	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.581040 °	37.581040 °
				-121.156296 °	-121.156296 °
DWR ID	DWR_RD2092_01_s_2022_65				
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**

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

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/07/2022 09/07/2022	Corey Fujitani

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\_2022\_RD2092\_116\_66\_20220822\_00028.jpg



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

LM Start	2.40	Rating **	M	Issue No.	983	
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:54052 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Indicator Found UCIP Comments: 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: 3/12/2019 12:09:00 PM						

Photo 1 of 3 : UCIP\_FA\_2022\_54052\_79119.jpg



WS view: overview of WS.

<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 2022**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/07/2022 09/07/2022	Corey Fujitani

LM Start	<b>2.40</b>	Rating **	M	Issue No.	<b>983 (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\_2022\_54052\_79118.jpg



Overview of levee crown looking d/s towards crossing.

LM Start	<b>2.40</b>	Rating **	M	Issue No.	<b>983 (cont)</b>
LM End	<b>2.40</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2022\_54052\_79117.jpg



LS view: overview of LS.

<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 2022**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/07/2022 09/07/2022	Corey Fujitani

LM Start	2.41	Rating **	A/W	Issue No.	984
LM End	2.41	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.580379 °	37.580379 °
				-121.156779 °	-121.156779 °
DWR ID	20577				
Comment Code					
Inspector Comment					
DS_ID:20577					
FS_ID:53865					
EP_NO: N/A					
Repair Type: No Action Needed					
EVAL Issue:					
Crossing Status: Not Found					
UCIP Comments: 03/12/2019 (O. Magana - DWR UCIP)					
FIELD_STRUCT_DESC: *REMOVED* 16-inch steel 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. Replaced by another 24-inch pipe at the same location. [Additional Reference(s): USACE San Joaquin O&M Manual 5, August 1961, (HLM 2.44), listed as a 24-inch pipe].					
FS Date: 3/12/2019					

No Photos

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\_2022\_RD2092\_116\_50\_20220822\_00018.jpg



View of palm tree in the landside slope. (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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# Reclamation District No. 2092 Dos Rios

Photo 1 of 1 : FA\_2022\_RD2092\_116\_51\_20220822\_00019.jpg



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

Photo 1 of 1 : FA\_2022\_RD2092\_116\_19\_20220822\_00003.jpg



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

Photo 1 of 1 : FA\_2022\_RD2092\_116\_44\_20220822\_00014.jpg



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

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**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/07/2022 09/07/2022	Corey Fujitani

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\_2022\_RD2092\_116\_17\_20220822\_00002.jpg



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

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\_2022\_RD2092\_116\_45\_20220822\_00015.jpg



View of depression in levee crown. (Spring 2019)

<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**

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

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/07/2022 09/07/2022	Corey Fujitani

LM Start	2.79	Rating **	M	Issue No.	985
LM End	2.79	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.575002 °	37.575002 °
				-121.156753 °	-121.156753 °
DWR ID	20569				
Comment Code					
Inspector Comment					
DS_ID:20569 FS_ID:53813 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Not Found UCIP Comments: 03/12/2019 Need to confirm status of crossing through levee section. (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: 3/12/2019 12:10:00 PM					

LM Start	<b>2.79</b>	Rating **	M	Issue No.	<b>985 (cont)</b>
LM End	<b>2.79</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2022\_53813\_79128.jpg



LS view: overview of LS.

Photo 2 of 3 : UCIP\_FA\_2022\_53813\_79129.jpg



Overview of levee crown where crossing should be.

<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 2022**

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/07/2022 09/07/2022	Corey Fujitani

LM Start	<b>2.79</b>	Rating **	M	Issue No.	<b>985 (cont)</b>
LM End	<b>2.79</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.575002 °	37.575002 °
				-121.156753 °	-121.156753 °
DWR ID	20569				

Photo 3 of 3 : UCIP\_FA\_2022\_53813\_79130.jpg



WS view: overview of WS.

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\_2022\_RD2092\_116\_60\_20220822\_00024.jpg



View of rutting and potholes on levee crown looking downstream.  
(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**

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

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/07/2022 09/07/2022	Corey Fujitani

LM Start	2.86	Rating **	M	Issue No.	986	
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:53810 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Indicator Found UCIP Comments: 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: *ABANDONED* 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: 3/12/2019 12:11:00 PM						

Photo 1 of 3 : UCIP\_FA\_2022\_53810\_79135.jpg



Overview of levee at crossing, photo taken d/s looking u/s towards crossing.

LM Start	<b>2.86</b>	Rating **	M	Issue No.	<b>986 (cont)</b>
LM End	<b>2.86</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_FA\_2022\_53810\_79136.jpg



Overview of levee at crossing, photo taken u/s looking d/s towards 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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**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/07/2022 09/07/2022	Corey Fujitani

LM Start	2.86	Rating **	M	Issue No.	986 (cont)	
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					

Photo 3 of 3 : UCIP\_FA\_2022\_53810\_79140.jpg



LS view: heavy burrow activity observed on LS slope.

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.					

Photo 1 of 1 : FA\_2022\_RD2092\_116\_52\_20220822\_00020.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**

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

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/07/2022 09/07/2022	Corey Fujitani

LM Start	3.47	Rating **		Issue No.	987
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:53786 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 4b, Safety Issue Crossing Status: Found UCIP Comments: 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: *ABANDONED* 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: 3/12/2019 12:11:53 PM					

Photo 1 of 3 : UCIP\_FA\_2022\_53786\_79145.jpg



Overview of levee crown looking d/s towards crossing.

LM Start	<b>3.47</b>	Rating **	M	Issue No.	<b>987 (cont)</b>
LM End	<b>3.47</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_FA\_2022\_53786\_79150.jpg



Overview of levee crown looking u/s towards 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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**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 2092 Dos Rios**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	09/07/2022 09/07/2022	Corey Fujitani

LM Start	<b>3.47</b>	Rating **	M	Issue No.	<b>987 (cont)</b>
LM End	<b>3.47</b>	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				

Photo 3 of 3 : UCIP\_FA\_2022\_53786\_79144.jpg



LS view: overview of land use on LS.

LM Start	<b>3.47</b>	Rating **	A/W	Issue No.	<b>988</b>
LM End	<b>3.47</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.573288 °	37.573288 °
				-121.144744 °	-121.144744 °
DWR ID	20578				

No Photos

**Comment Code**

**Inspector Comment**

DS\_ID:20578  
 FS\_ID:53765  
 EP\_NO: N/A  
 Repair Type: No Action Needed  
 EVAL Issue:  
 Crossing Status: Not Found  
 UCIP Comments: 03/12/2019 (O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: \*REMOVED\* 36-inch reinforced concrete drainage pipe semi-through the levee, 11 feet below the crown. The landside (LS) half of the pipe was replaced. Slide gate in corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete headwalls on both ends. Replaced by another 36-inch pipe at the same location. [Additional Reference(s): USACE San Joaquin O&M Manual 5, August 1961, (HLM 3.52)].  
 FS Date: 3/12/2019 9:40:26 AM

<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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