

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2014 Levee Inspection Results

Reclamation District No. 2092 Dos Rios

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

** 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

Spring 2014 Levee Inspection Results

Reclamation District No. 2092 Dos Rios

Waterway		Bank	Unit Miles
Unit No. 01 San Joaquin River		Right	3.76

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/10/2014 - 04/10/2014			
DWR Inspector	Pavel Kazi			
Accompanied By	Steve Sheppard River Partner			

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 - Spring 2014

Reclamation District No. 2092 Dos Rios

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River		Right	3.76	04/10/2014 04/10/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
DWR ID	DWR_RD2092_01_f_2012_18				
Action/Comments					
Inspector Comments: River Partner crews will attend the upcoming flood fighting class offered in their area. A few members of the company have already been through a few flood events and received proper training.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
DWR ID	DWR_RD2092_01_s_2012_24				
Action/Comments					
Inspector Comments: They have the latest 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 *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
DWR ID	DWR_RD2092_01_s_2012_26				
Action/Comments					
Inspector Comments: They have adequate flood fighting supplies.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 2092 Dos Rios

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.76	04/10/2014 04/10/2014	Pavel Kazi

LM Start	0.17	Rating **	M	Issue No.	51
LM End	0.17	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.602073 °	37.602073 °
				-121.161179 °	-121.161179 °
DWR ID	DWR_RD2092_01_s_2014_51				
Action/Comments					
Pipe Inspector Comments: A flap gate is needed at the end of the pipe.					

Photo 1 of 1 : pkazi_s_20140411_082.jpg



A flap gate is needed at the end of the pipe on the waterside of the levee.

LM Start	0.18	Rating **	M	Issue No.	42
LM End	0.18	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.602031 °	37.602031 °
				-121.161249 °	-121.161249 °
DWR ID	DWR_RD2092_01_s_2014_42				
Action/Comments					
Inspector Comments: FS_ID:27123 EP_NO: N/A Repair Type: Crossing Status: UCIP Comments: Pipe rusted through at headwall on LS toe. Good candidate for video inspection. FIELD_STRUCT_DESC: 60-inch corrugated metal drainpipe through levee 19.0 feet below crown. Flap gate on the waterward end. Slide gate in 80-inch corrugated metal pipe riser on the waterward slope. Concrete "U" headwalls on both ends. Originally included in the 1961 O&M manual. FS Date: 1/16/2014 12:03:14 PM					

Photo 1 of 1 : UCIP_5384.jpg



Concrete headwall on LS toe in front of pump on pier.

* Location LS : Land Side 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 - Spring 2014

Reclamation District No. 2092 Dos Rios

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.76	04/10/2014 04/10/2014	Pavel Kazi

LM Start	0.19	Rating **	M	Issue No.	43
LM End	0.19	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.601978 °	37.601978 °
				-121.161370 °	-121.161370 °
DWR ID	DWR_RD2092_01_s_2014_43				
Action/Comments					
Inspector Comments: FS_ID:20886 EP_NO: 4699 Repair Type: Crossing Status: UCIP Comments: Appears abandoned and should be verified as having been removed from levee. FIELD_STRUCT_DESC: *Abandoned* 12-inch steel pipe over the levee with 3.5 feet of fill on top. Siphon breakers on waterward shoulder. Pad constructed over pipes. This pumping plant was constructed in 1969 during emergency conditions without a permit. 12-inch pipe debris on WS berm at WS toe. FS Date: 9/24/2013					

No Photos

LM Start	0.19	Rating **	M	Issue No.	44
LM End	0.19	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.601975 °	37.601975 °
				-121.161395 °	-121.161395 °
DWR ID	DWR_RD2092_01_s_2014_44				
Action/Comments					
Inspector Comments: FS_ID:20885 EP_NO: 6254 Repair Type: Crossing Status: UCIP Comments: Verify pipe has been removed from levee. Pipe visible on WS at riverbank. FIELD_STRUCT_DESC: *Abandoned* 16-inch steel pipe over the levee with 3.5 feet of fill on top. Siphon breakers on waterward shoulder. Pad constructed over pipes. This pumping plant was constructed in 1969 during emergency conditions without a permit (Permit No. 6254, 1968). FS Date: 9/24/2013					

Photo 1 of 1 : UCIP_2368.jpg



Pipe visible at rivers edge on WS toe.

* Location LS : Land Side 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 - Spring 2014

Reclamation District No. 2092 Dos Rios

Waterway			Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River			Right	3.76	04/10/2014 04/10/2014	Pavel Kazi

LM Start	0.25	Rating **	M	Issue No.	52
LM End	1.59	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.601670 °	37.587577 °	
			-121.162319 °	-121.162477 °	
DWR ID	DWR_RD2092_01_s_2014_52				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	0.77	Rating **	C	Issue No.	6
LM End	0.77	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		37.597260 °	37.597260 °	
			-121.168504 °	-121.168504 °	
DWR ID	DWR_RD2092_01_s_2013_6				
Action/Comments					
Tree stumps. Inspector Comments: The LMA will remove the tree stump from the waterside slope of the levee.					

No Photos

LM Start	0.77	Rating **	M	Issue No.	968
LM End	1.33	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				
Action/Comments					
Ditch					

Photo 1 of 1 : pkazi_s_20140328_000.jpg



View of agricultural ditch at the landward toe looking upstream.

* Location LS : Land Side 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 - Spring 2014

Reclamation District No. 2092 Dos Rios

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.76	04/10/2014 04/10/2014	Pavel Kazi

LM Start	1.07	Rating **	M	Issue No.	3
LM End	1.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.593403 °	37.593403 °	
			-121.166750 °	-121.166750 °	
DWR ID	DWR_RD2092_01_s_2014_3				
Action/Comments					

Photo 1 of 1 : pkazi_s_20140411_083.jpg



Rodent holes were found on the landside shoulder of the levee looking downstream.

LM Start	1.34	Rating **	M	Issue No.	7
LM End	1.57	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.590479 °	37.587758 °	
			-121.163844 °	-121.162349 °	
DWR ID	DWR_RD2092_01_s_2012_7				
Action/Comments					
Ditch					

Photo 1 of 1 : pkazi_s_20140328_993.jpg



An agricultural ditch was found on the toe of the landside of the levee looking upstream.

* Location LS : Land Side 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 - Spring 2014

Reclamation District No. 2092 Dos Rios

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River		Right	3.76	04/10/2014 04/10/2014	Pavel Kazi

LM Start	1.34	Rating **	A/W	Issue No.	10
LM End	1.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.590467 °	37.590467 °	
			-121.163822 °	-121.163822 °	
DWR ID	DWR_RD2092_01_s_2012_10				
Action/Comments					
Pipe Inspector Comments: A sand boil appeared on the landside toe of the levee because of an underground pipe leakage. The pipe and boil have been repaired but should be monitored.					

Photo 1 of 2 : pkazi_s_20140328_995.jpg



A sand boil was found on the landside of the levee. It was caused by a pipe leak couple of feet below the boil location. LMA was notified to repair it as soon as possible. The picture was taken from the crown looking upstream.

LM Start	1.34	Rating **	A/W	Issue No.	10 (cont)
LM End	1.34	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : pkazi_s_20140328_996.jpg



During spring inspection 2012, the sand boil was not active but materials were present on the landside toe of the levee. The sand boil occurred due to an underground irrigation pipe leakage. The picture was taken from the crown looking toward the toe of the levee. The area was repaired but should be monitored.

* Location LS : Land Side 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 - Spring 2014

Reclamation District No. 2092 Dos Rios

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River		Right	3.76	04/10/2014 04/10/2014	Pavel Kazi

LM Start	1.59	Rating **	M	Issue No.	8
LM End	1.87	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				
Action/Comments					
Ditch					

Photo 1 of 1 : pkazi_s_20140328_994.jpg



View of an agricultural ditch at the waterward toe of the slope.

LM Start	2.09	Rating **	M	Issue No.	5
LM End	2.78	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.584236 °	37.575631 °	
			-121.158353 °	-121.157172 °	
DWR ID	DWR_RD2092_01_s_2014_5				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	2.13	Rating **	C	Issue No.	31
LM End	2.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.584014 °	37.584014 °	
			-121.157849 °	-121.157849 °	
DWR ID	DWR_RD2092_01_f_2012_31				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating	
A : Acceptable	N : Not Inspected/Rated
M : Minimally Acceptable	C : Corrected
U : Unacceptable	A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 2092 Dos Rios

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.76	04/10/2014 04/10/2014	Pavel Kazi

LM Start	2.38	Rating **	M	Issue No.	45
LM End	2.38	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.581226 °	37.581226 °
				-121.156175 °	-121.156175 °
DWR ID	DWR_RD2092_01_s_2014_45				
Action/Comments					
Inspector Comments: FS_ID:22916					

Photo 1 of 1 : UCIP_3268.jpg



21-inch PVC irrigation pipe visible on LS shoulder.

LM Start	2.38	Rating **	M	Issue No.	46
LM End	2.38	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.581213 °	37.581213 °
				-121.156175 °	-121.156175 °
DWR ID	DWR_RD2092_01_s_2014_46				
Action/Comments					
Inspector Comments: FS_ID:20908 EP_NO: N/A Repair Type: Crossing Status: UCIP Comments: Pipe appears abandoned and needs to be verified as having been done so properly. FIELD_STRUCT_DESC: *ABANDONED* 24-inch corrugated metal pipe through levee 11.0 feet below crown. Slide gate in 36-inch corrugated metal pipe riser on the waterward slope. 5'X5' Concrete distribution box on the landward side. Pump on platform in channel. Pipe filled with concrete on LS toe. Originally included in the 1961 O&M manual. FS Date: 9/24/2013					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 2092 Dos Rios

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River		Right	3.76	04/10/2014 04/10/2014	Pavel Kazi

LM Start	2.43	Rating **	M	Issue No.	53
LM End	2.43	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.580436 °	37.580436 °
				-121.156783 °	-121.156783 °
DWR ID	DWR_RD2092_01_s_2014_53				
Action/Comments					
Pipe Inspector Comments: Pump and abandoned pipe was found.					

Photo 1 of 1 : pkazi_s_20140411_084.jpg



A pump and an abandon pipe was found on the landside toe of the levee looking downstream.

LM Start	2.44	Rating **	M	Issue No.	47
LM End	2.44	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.580426 °	37.580426 °
				-121.156798 °	-121.156798 °
DWR ID	DWR_RD2092_01_s_2014_47				
Action/Comments					
Inspector Comments: FS_ID:20943 EP_NO: N/A Repair Type: Crossing Status: UCIP Comments: Appears abandoned and if so should be done so properly. FIELD_STRUCT_DESC: 24-inch corrugated metal drain pipe through levee 15.0 feet below crown. Flap gate on the waterward end. Concrete "U" headwall on the waterward end and concrete headwall on LS toe next to pump. Originally included in the 1961 O&M manual. FS Date: 9/24/2013					

Photo 1 of 1 : UCIP_2382.jpg



Concrete headwall next to pump on WS toe.

* Location LS : Land Side 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 - Spring 2014

Reclamation District No. 2092 Dos Rios

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River		Right	3.76	04/10/2014 04/10/2014	Pavel Kazi

LM Start	2.44	Rating **	M	Issue No.	48
LM End	2.44	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.580404 °	37.580404 °	
			-121.156824 °	-121.156824 °	
DWR ID	DWR_RD2092_01_s_2014_48				
Action/Comments					
Inspector Comments: FS_ID:20923 EP_NO: N/A Repair Type: Crossing Status: UCIP Comments: Pipe abandoned and should be verified as having been removed from the levee. FIELD_STRUCT_DESC: 4-inch pipe through levee 1.0 foot below crown. Pump on sump at LS toe. Roadway extending to the landward pump. FS Date: 9/24/2013					

Photo 1 of 1 : UCIP_2376.jpg



Pump and 4-inch pipe visible at LS toe.

LM Start	2.73	Rating **	M	Issue No.	17
LM End	2.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.576383 °	37.576383 °	
			-121.157208 °	-121.157208 °	
DWR ID	DWR_RD2092_01_f_2013_17				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 2 : pkazi_s_20140411_085.jpg



Updated picture of the animal hole on the landside of the levee during spring 2014 inspection.

* Location LS : Land Side 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**

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Reclamation District No. 2092 Dos Rios

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.76	04/10/2014 04/10/2014	Pavel Kazi

LM Start	2.73	Rating **	M	Issue No.	17 (cont)
LM End	2.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.576383 °	37.576383 °	
			-121.157208 °	-121.157208 °	
DWR ID	DWR_RD2092_01_f_2013_17				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 2 of 2 : pkazi_s_20140328_997.jpg



An animal hole was found on the landside shoulder of the levee looking downstream.

LM Start	2.84	Rating **	M	Issue No.	972
LM End	3.09	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.574973 °	37.574001 °	
			-121.156647 °	-121.152183 °	
DWR ID	DWR_RD2092_01_s_2012_972				
Action/Comments					
Fence Inspector Comments: Barbed wire fence on landward slope.					

Photo 1 of 1 : pkazi_s_20140328_001.jpg



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

* Location LS : Land Side 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 - Spring 2014

Reclamation District No. 2092 Dos Rios

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River		Right	3.76	04/10/2014 04/10/2014	Pavel Kazi

LM Start	2.90	Rating **	M	Issue No.	49
LM End	2.90	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.574741 °	37.574741 °	
			-121.155495 °	-121.155495 °	
DWR ID	DWR_RD2092_01_s_2014_49				
Action/Comments					
Inspector Comments: FS_ID:20944 EP_NO: N/A Repair Type: Crossing Status: UCIP Comments: Appears abandoned and if so, should be done so properly. FIELD_STRUCT_DESC: 24-inch corrugated metal pipe through levee 6.5 feet below crown. Concrete "U" headwall and flap gate on the waterward end. Concrete headwall on LS slope. Originally included in the 1961 O&M manual. FS Date: 9/24/2013					

Photo 1 of 1 : UCIP_2384.jpg



Concrete headwall visible on LS slope.

LM Start	3.52	Rating **	M	Issue No.	50
LM End	3.52	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.573304 °	37.573304 °	
			-121.144747 °	-121.144747 °	
DWR ID	DWR_RD2092_01_s_2014_50				
Action/Comments					
Inspector Comments: FS_ID:20945 EP_NO: N/A Repair Type: Crossing Status: UCIP Comments: This pipe appears abandoned and if so, should be done so properly. FIELD_STRUCT_DESC: 36-inch corrugated metal pipe through levee 11.0 feet below crown. Slide gate in corrugated metal pipe riser on the waterward slope. Concrete headwalls on both ends. Originally included in the 1961 O&M manual. FS Date: 9/24/2013					

Photo 1 of 1 : UCIP_2386.jpg



Grate over sump on LS toe.

* Location LS : Land Side 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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