

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

Reclamation District No. 2064 River Junction

	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. 2064 River Junction

Waterway	Bank	Unit Miles
Unit No. 01 San Joaquin River	Right	5.70

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	03/25/2014 - 03/25/2014			
DWR Inspector	Herman Phillips			
Accompanied By	Gordan Armsatrong RD 2075			

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. 2064 River Junction

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River		Right	5.70	03/25/2014 03/25/2014	Herman Phillips

LM Start		Rating **	A	Issue No.	4	
LM End		Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Operations & Maintenance Manuals				°	°
					°	°
DWR ID	DWR_RD2064_01_s_2013_4					
Action/Comments						

No Photos

LM Start		Rating **	A	Issue No.	5	
LM End		Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Emergency Supplies & Equipment				°	°
					°	°
DWR ID	DWR_RD2064_01_s_2013_5					
Action/Comments						

No Photos

LM Start		Rating **	A	Issue No.	9	
LM End		Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Flood Preparedness & Training				°	°
					°	°
DWR ID	DWR_RD2064_01_s_2013_9					
Action/Comments						

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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 2064 River Junction

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River		Right	5.70	03/25/2014 03/25/2014	Herman Phillips

LM Start	0.00	Rating **	U	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.709804 °	37.709804 °	
			-121.267564 °	-121.267564 °	
DWR ID	DWR_RD2064_01_s_2013_11				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 1 of 1 : phillips_s_20140603_06037.jpg



Looking downstream from waterside levee slope weed covering the levee section. Photo taken 03-25-2014.

LM Start	0.07	Rating **	M	Issue No.	7
LM End	0.07	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.709803 °	37.709803 °	
			-121.267558 °	-121.267558 °	
DWR ID	DWR_RD2064_01_s_2014_7				
Action/Comments					
Inspector Comments: FS_ID:18708 EP_NO: N/A Repair Type: Crossing Status: UCIP Comments: Debris blocking closure of flapgate on WS toe. FIELD_STRUCT_DESC: 36-inch square reinforced concrete storm drain box culvert through the levee 21.0 feet below the crown. Concrete "U" shaped headwalls on both ends. Slide gate in 6'X7' concrete riser unit on the waterward slope. Flap gate on the waterward end. Flashboard slots on the landside headwall. Originally included in the 1968 O&M manual. FS Date: 8/27/2013					

Photo 1 of 1 : UCIP_1714.jpg



Slide gate in concrete riser on WS shoulder.

* 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. 2064 River Junction

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	5.70	03/25/2014 03/25/2014	Herman Phillips

LM Start	0.07	Rating **	M	Issue No.	26
LM End	0.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.709605 °	37.706861 °	
			-121.267543 °	-121.269671 °	
DWR ID	DWR_RD2064_01_s_2014_26				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	0.08	Rating **	M	Issue No.	8
LM End	0.08	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.709725 °	37.709725 °	
			-121.267534 °	-121.267534 °	
DWR ID	DWR_RD2064_01_s_2014_8				
Action/Comments					
Inspector Comments: FS_ID:18718 EP_NO: 13907 Repair Type: Crossing Status: UCIP Comments: This pipe has less than 1-foot of cover. FIELD_STRUCT_DESC: 1 of 3: 24-inch stormdrain discharge pipe through the levee 2.0 feet below the crown (Permit No. 13907, 1985). Two 100-horsepower and one 75-horsepower pumps on landward toe of levee. Siphon breaker on WS shoulder. FS Date: 8/27/2013					

Photo 1 of 1 : UCIP_1717.jpg



Steel storm drain pipe with pump on pier in background.

* 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. 2064 River Junction

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	5.70	03/25/2014 03/25/2014	Herman Phillips

LM Start	0.08	Rating **	M	Issue No.	12
LM End	0.08	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.709698 °	37.709698 °
				-121.267535 °	-121.267535 °
DWR ID	DWR_RD2064_01_s_2014_12				
Action/Comments					
Inspector Comments: FS_ID:22729 EP_NO: 13907 Repair Type: Crossing Status: UCIP Comments: This pipe has less than 1-foot of cover. FIELD_STRUCT_DESC: 2 of 3: 24-inch steel stormdrain discharge pipe through the levee 2.0 feet below the crown (Permit No. 13907, 1985). Two 100-horsepower and one 75-horsepower pumps on pier at landward toe of levee. Siphon breaker on WS shoulder. FS Date: 8/27/2013					

No Photos

LM Start	0.08	Rating **	M	Issue No.	13
LM End	0.08	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.709672 °	37.709672 °
				-121.267532 °	-121.267532 °
DWR ID	DWR_RD2064_01_s_2014_13				
Action/Comments					
Inspector Comments: FS_ID:18720 EP_NO: 13907 Repair Type: Crossing Status: UCIP Comments: This pipe has less than 1-foot of cover. FIELD_STRUCT_DESC: 3 of 3: 24-inch steel stormdrain discharge pipe through the levee 1.0-foot below the crown (Permit No. 13907, 1985). Two 100-horsepower and one 75-horsepower pumps on landward toe of levee. Siphon breaker on WS shoulder. FS Date: 8/27/2013					

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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 2064 River Junction

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	5.70	03/25/2014 03/25/2014	Herman Phillips

LM Start	0.11	Rating **	M	Issue No.	28
LM End	5.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.709272 °	37.667578 °	
			-121.267551 °	-121.241159 °	
DWR ID	DWR_RD2064_01_f_2013_28				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	0.15	Rating **	M	Issue No.	30
LM End	0.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.708691 °	37.699138 °	
			-121.267611 °	-121.273201 °	
DWR ID	DWR_RD2064_01_f_2013_30				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Remove the unwanted tall grasses from landward slope.					

No Photos

LM Start	0.62	Rating **	M	Issue No.	27
LM End	0.62	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Crown Surface / Depressions / Rutting		37.703287 °	37.703287 °	
			-121.271468 °	-121.271468 °	
DWR ID	DWR_RD2064_01_s_2014_27				
Action/Comments					
Repair depressions or ruts in the crown or slope.					

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. 2064 River Junction

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River		Right	5.70	03/25/2014 03/25/2014	Herman Phillips

LM Start	0.96	Rating **	M	Issue No.	29
LM End	2.05	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.699135 °	37.689649 °	
			-121.273200 °	-121.263747 °	
DWR ID	DWR_RD2064_01_f_2013_29				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: The district needs to remove the unwanted growth from waterward slope.					

No Photos

LM Start	1.28	Rating **	M	Issue No.	14
LM End	1.28	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.695529 °	37.695529 °	
			-121.270005 °	-121.270005 °	
DWR ID	DWR_RD2064_01_s_2014_14				
Action/Comments					
Inspector Comments: FS_ID:18746 EP_NO: N/A Repair Type: Crossing Status: UCIP Comments: FIELD_STRUCT_DESC: 12-inch steel concrete encased irrigation pipe through the levee 13.0 feet below the crown, slant pump on the WS toe. Slide gate in 36-inch CMP riser on the WS shoulder. 6'X6' concrete distribution box and filter plant on LS toe. 2-inch galvanized iron electrical conduit at same location. Originally included in the 1968 O&M manual. FS Date: 8/27/2013					

Photo 1 of 1 : UCIP_1733.jpg



Slide gate in CMP riser on WS shoulder.

* 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. 2064 River Junction

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	5.70	03/25/2014 03/25/2014	Herman Phillips

LM Start	1.28	Rating **	M	Issue No.	15
LM End	1.28	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.695506 °	37.695506 °
				-121.269995 °	-121.269995 °
DWR ID	DWR_RD2064_01_s_2014_15				
Action/Comments					
Inspector Comments: FS_ID:22730 EP_NO: 3739 Repair Type: Crossing Status: UCIP Comments: Some leakage at connection between pipe and distro box on LS toe. This may indicate internal failure of pipe. FIELD_STRUCT_DESC: 16-inch steel irrigation pipe through the levee 10.75-feet below the crown. Slant pump on WS toe. Slide gate in 36-inch CMP riser on WS shoulder. 6'X6' concrete distribution box and filter plant on LS toe. 2-inch galvanized iron electrical conduit at same location. FS Date: 8/27/2013					

No Photos

LM Start	1.33	Rating **	M	Issue No.	32
LM End	1.36	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.694633 °	37.694320 °
				-121.269801 °	-121.269770 °
DWR ID	DWR_RD2064_01_f_2013_32				
Action/Comments					
Fence					

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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 2064 River Junction

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River		Right	5.70	03/25/2014 03/25/2014	Herman Phillips

LM Start	1.34	Rating **	U	Issue No.	31
LM End	3.54	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.694665 °	37.676964 °	
			-121.269783 °	-121.264281 °	
DWR ID	DWR_RD2064_01_f_2013_31				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Unwanted vegetation on the landward slope needs to be removed.					

Photo 1 of 1 : phillips_s_20140306_789.JPG



RD 2064 Landside slope levee mile 1.31 looking downstream. Photo taken 10-25-2013. No new photo taken 03-25-2014.

LM Start	1.34	Rating **	M	Issue No.	217
LM End	2.13	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.694686 °	37.689347 °	
			-121.269749 °	-121.262603 °	
DWR ID	DWR_RD2064_01_s_2014_217				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	1.79	Rating **	M	Issue No.	33
LM End	1.79	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		37.689465 °	37.689465 °	
			-121.268278 °	-121.268278 °	
DWR ID	DWR_RD2064_01_f_2013_33				
Action/Comments					
Trim trees to at least five feet above ground level.					

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. 2064 River Junction

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River		Right	5.70	03/25/2014 03/25/2014	Herman Phillips

LM Start	1.98	Rating **	M	Issue No.	34
LM End	1.98	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		37.689854 °	37.689854 °	
			-121.265044 °	-121.265044 °	
DWR ID	DWR_RD2064_01_f_2013_34				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

No Photos

LM Start	2.00	Rating **	M	Issue No.	16
LM End	2.00	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.689899 °	37.689899 °	
			-121.264802 °	-121.264802 °	
DWR ID	DWR_RD2064_01_s_2014_16				
Action/Comments					
Inspector Comments: FS_ID:18763 EP_NO: N/A Repair Type: Crossing Status: UCIP Comments: Culvert filled nearly to the top with soil. FIELD_STRUCT_DESC: 30-inch square reinforced concrete stormdrain box culvert through the levee 14.7-feet below the crown. Slide gate in concrete riser unit on the waterward slope. Concrete "U" shaped headwalls on both ends. Flap gate on the waterward end. Originally included in the 1968 O&M manual. FS Date: 8/27/2013					



Slide gate in Concrete riser on WS shoulder.

* 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. 2064 River Junction

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	5.70	03/25/2014 03/25/2014	Herman Phillips

LM Start	2.09	Rating **	M	Issue No.	1
LM End	2.61	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.689268 °	37.687539 °	
			-121.262277 °	-121.256650 °	
DWR ID	DWR_RD2064_01_s_2013_1				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	2.25	Rating **	M	Issue No.	216
LM End	2.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		37.688143 °	37.688143 °	
			-121.260930 °	-121.260930 °	
DWR ID	DWR_RD2064_01_s_2014_216				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	2.28	Rating **	M	Issue No.	218
LM End	2.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.688070 °	37.688076 °	
			-121.260490 °	-121.260282 °	
DWR ID	DWR_RD2064_01_s_2014_218				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 2064 River Junction

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River		Right	5.70	03/25/2014 03/25/2014	Herman Phillips

LM Start	2.28	Rating **	M	Issue No.	219
LM End	2.28	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.688076 °	37.688076 °	
			-121.260484 °	-121.260484 °	
DWR ID	DWR_RD2064_01_s_2014_219				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	2.40	Rating **	M	Issue No.	36
LM End	3.62	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.688099 °	37.675840 °	
			-121.258312 °	-121.264016 °	
DWR ID	DWR_RD2064_01_f_2013_36				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	2.48	Rating **	U	Issue No.	37
LM End	5.67	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.687738 °	37.667578 °	
			-121.256947 °	-121.241159 °	
DWR ID	DWR_RD2064_01_s_2014_37				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : phillips_s_20140604_06038.jpg



Levee mile 2.48 waterside looking downstream. No new photo taken 03-25-2014.

* 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. 2064 River Junction

Waterway			Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River			Right	5.70	03/25/2014 03/25/2014	Herman Phillips

LM Start	2.54	Rating **	M	Issue No.	38
LM End	2.56	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.686974 °	37.686753 °	
			-121.256193 °	-121.256075 °	
DWR ID	DWR_RD2064_01_f_2013_38				
Action/Comments					
Fence					

No Photos

LM Start	2.84	Rating **	M	Issue No.	39
LM End	5.67	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.682825 °	37.667578 °	
			-121.255633 °	-121.241158 °	
DWR ID	DWR_RD2064_01_f_2013_39				
Action/Comments					
Keep the crown roadway free of vegetation.					

No Photos

LM Start	3.55	Rating **	N	Issue No.	2
LM End	3.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		37.676801 °	37.676801 °	
			-121.264203 °	-121.264203 °	
DWR ID	DWR_RD2064_01_s_2012_2				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : phillips_s_20140306_775.jpg



View of a tree stump.

* 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. 2064 River Junction

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River		Right	5.70	03/25/2014 03/25/2014	Herman Phillips

LM Start	3.55	Rating **	M	Issue No.	17
LM End	3.55	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.676750 °	37.676750 °	
			-121.264193 °	-121.264193 °	
DWR ID	DWR_RD2064_01_s_2014_17				
Action/Comments					
Inspector Comments: FS_ID:22731 EP_NO: N/A Repair Type: Crossing Status: UCIP Comments: Neet to verify status of pipeline. FIELD_STRUCT_DESC: Underground gas line crossing; depth through the levee and size unknown. Found possible sign posts on WS toe. FS Date: 8/27/2013					

Photo 1 of 1 : UCIP_3063.jpg



Possible sign posts on WS toe.

LM Start	3.59	Rating **	M	Issue No.	18
LM End	3.59	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.676276 °	37.676276 °	
			-121.264104 °	-121.264104 °	
DWR ID	DWR_RD2064_01_s_2014_18				
Action/Comments					
Inspector Comments: FS_ID:22085 EP_NO: N/A Repair Type: Crossing Status: UCIP Comments: Unable to identify purpose or permit for this crossing. FIELD_STRUCT_DESC: 1 of 2: 4-inch galvanized iron conduit through the levee at unknown depth below the crown. Visible on downstream side of the bridge. 3.5-foot by 6-foot steel vault on crown. FS Date: 8/27/2013					

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. 2064 River Junction

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	5.70	03/25/2014 03/25/2014	Herman Phillips

LM Start	3.59	Rating **	M	Issue No.	19
LM End	3.59	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.676276 °	37.676276 °
				-121.264104 °	-121.264104 °
DWR ID	DWR_RD2064_01_s_2014_19				
Action/Comments					
Inspector Comments: FS_ID:22790 EP_NO: N/A Repair Type: Crossing Status: UCIP Comments: Unable to identify purpose or permit for this crossing. FIELD_STRUCT_DESC: 2 of 2: 4-inch galvanized iron conduit through the levee at unknown depth below the crown. Visible on downstream side of the bridge. 3.5-foot by 6-foot steel vault on crown. FS Date: 8/27/2013					

Photo 1 of 1 : UCIP_3220.jpg



Lower conduit visible on DS side of bridge at WS slope.

LM Start	3.66	Rating **	N	Issue No.	3
LM End	3.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.675379 °	37.675379 °
				-121.263555 °	-121.263555 °
DWR ID	DWR_RD2064_01_s_2012_3				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : phillips_s_20140306_776.jpg



View of tree stumps.

* 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. 2064 River Junction

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	5.70	03/25/2014 03/25/2014	Herman Phillips

LM Start	3.67	Rating **	M	Issue No.	20
LM End	3.67	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.675266 °	37.675266 °
				-121.263421 °	-121.263421 °
DWR ID	DWR_RD2064_01_s_2014_20				
Action/Comments					
Inspector Comments: FS_ID:22732 EP_NO: N/A Repair Type: Crossing Status: UCIP Comments: Need to determine if pipe was actually removed from levee. FIELD_STRUCT_DESC: 12-inch steel stormdrain pipe through the levee at unknown depth below the crown. Steel plate welded over LS end at LS toe. Permit No. 6450, states it was removed in 1973, but it remains visible on the LS toe. Originally included in the 1968 O&M manual. FS Date: 8/27/2013					

Photo 1 of 1 : UCIP_3064.jpg



Pipe with welded steel plate over LS end at LS toe.

LM Start	3.67	Rating **	M	Issue No.	21
LM End	3.67	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.675247 °	37.675247 °
				-121.263398 °	-121.263398 °
DWR ID	DWR_RD2064_01_s_2014_21				
Action/Comments					
Inspector Comments: FS_ID:22733 EP_NO: 13609 Repair Type: Crossing Status: UCIP Comments: Appears abandoned and should be done so properly. Pipe was to be removed in 1984. FIELD_STRUCT_DESC: 1 of 2: 24-inch steel discharge pipe through the levee 2-feet below the crown (Permit No. 13609, 1983). Approx. 420 feet upstream of Durham Ferry-Airport Way Road. FS Date: 8/27/2013					

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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 2064 River Junction

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	5.70	03/25/2014 03/25/2014	Herman Phillips

LM Start	3.67	Rating **	M	Issue No.	22
LM End	3.67	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.675266 °	37.675266 °
				-121.263425 °	-121.263425 °
DWR ID	DWR_RD2064_01_s_2014_22				
Action/Comments					
Inspector Comments: FS_ID:19044 EP_NO: 6450 Repair Type: Crossing Status: UCIP Comments: Appears abandoned and if so should be done so properly. FIELD_STRUCT_DESC: 18-inch steel discharge pipe through the levee 2-feet below the crown. Crown roadway padded over the pipe. Pipe exposed on both slopes. Gate valve on the LS toe. Pump missing from sump with sheet pile siding in ditch on the landside. Siphon breaker on the waterward side (Permit No. 6450, 1969). FS Date: 8/27/2013					

No Photos

LM Start	3.70	Rating **	M	Issue No.	23
LM End	3.70	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.675005 °	37.675005 °
				-121.263103 °	-121.263103 °
DWR ID	DWR_RD2064_01_s_2014_23				
Action/Comments					
Inspector Comments: FS_ID:19046 EP_NO: 13609 Repair Type: Crossing Status: UCIP Comments: Pipes should be abandoned properly. FIELD_STRUCT_DESC: 2 of 2: *Removed* 24-inch steel pipe through levee 12.67 feet below crown (Permit No. 13609, 1983). Approx. 75 feet upstream of first 24-inch pipe. According to notes in permit, Concrete rubble was placed over pipe on WS slope. FS Date: 8/27/2013					

Photo 1 of 1 : UCIP_1751.jpg



Concrete rubble on WS slope possible indicator of abandoned pipe location.

* 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. 2064 River Junction

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	5.70	03/25/2014 03/25/2014	Herman Phillips

LM Start	3.70	Rating **	M	Issue No.	40
LM End	5.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.674950 °	37.667578 °	
			-121.263030 °	-121.241159 °	
DWR ID	DWR_RD2064_01_f_2013_40				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	4.23	Rating **	M	Issue No.	41
LM End	4.23	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		37.671245 °	37.671245 °	
			-121.255500 °	-121.255500 °	
DWR ID	DWR_RD2064_01_f_2013_41				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	4.53	Rating **	M	Issue No.	221
LM End	4.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		37.668913 °	37.668913 °	
			-121.251144 °	-121.251144 °	
DWR ID	DWR_RD2064_01_s_2014_221				
Action/Comments					
Note and monitor erosion site.					

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. 2064 River Junction

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	5.70	03/25/2014 03/25/2014	Herman Phillips

LM Start	4.79	Rating **	M	Issue No.	42
LM End	4.79	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.669413 °	37.669413 °	
			-121.247021 °	-121.247021 °	
DWR ID	DWR_RD2064_01_f_2013_42				
Action/Comments					
Tree or limb					

No Photos

LM Start	4.84	Rating **	M	Issue No.	24
LM End	4.84	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.670160 °	37.670160 °	
			-121.246972 °	-121.246972 °	
DWR ID	DWR_RD2064_01_s_2014_24				
Action/Comments					
Inspector Comments: FS_ID:19064 EP_NO: 3359 Repair Type: Crossing Status: UCIP Comments: Pipe not found. Need to determine disposition of pipe as all other appurtances remain. FIELD_STRUCT_DESC: 2 of 2: 18-inch pipe through levee 3.5 feet below the crown (Permit No. 3359, 1961). Pump mounted on pipe structure in the river; protective fender in the stream, wooden walkway to the pump structure. Siphon breaker on the landward side. Originally included in the 1968 O&M manual. FS Date: 8/27/2013					

Photo 1 of 1 : UCIP_1754.jpg



Pump platform and fender visible 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. 2064 River Junction

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River		Right	5.70	03/25/2014 03/25/2014	Herman Phillips

LM Start	4.84	Rating **	M	Issue No.	25
LM End	4.84	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.670160 °	37.670160 °	
			-121.246972 °	-121.246972 °	
DWR ID	DWR_RD2064_01_s_2014_25				
Action/Comments					
Inspector Comments: FS_ID:19063 EP_NO: 3359 Repair Type: Crossing Status: UCIP Comments: Pipe not found. Need to determine disposition of pipe as all other appurtenances remain. FIELD_STRUCT_DESC: 1 of 2: 24-inch pipe through the levee 3.5 feet below the crown (Permit No. 3359, 1961). Pump mounted on pipe structure in the river; protective fender in the stream, wooden walkway to the pump structure. Siphon breaker on the landward side. Originally included in the 1968 O&M manual. FS Date: 8/27/2013					

No Photos

LM Start	5.25	Rating **	M	Issue No.	43
LM End	5.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.673072 °	37.667516 °	
			-121.243304 °	-121.241101 °	
DWR ID	DWR_RD2064_01_f_2013_43				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Remove unwanted growth from levee section.					

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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 2064 River Junction

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	5.70	03/25/2014 03/25/2014	Herman Phillips

LM Start	5.29	Rating **	N	Issue No.	6
LM End	5.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		37.672642 °	37.672642 °	
			-121.242450 °	-121.242450 °	
DWR ID	DWR_RD2064_01_s_2012_6				
Action/Comments					
Tree stumps.					

No Photos

LM Start	5.67	Rating **	M	Issue No.	44
LM End	5.67	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.667650 °	37.667578 °	
			-121.241134 °	-121.241159 °	
DWR ID	DWR_RD2064_01_f_2013_44				
Action/Comments					
Pipe Inspector Comments: Discarded concrete pipe on landward toe.					

No Photos

LM Start	5.67	Rating **	M	Issue No.	223
LM End	5.67	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.667561 °	37.667561 °	
			-121.241135 °	-121.241134 °	
DWR ID	DWR_RD2064_01_s_2014_223				
Action/Comments					
Debris					

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. 2064 River Junction

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	5.70	03/25/2014 03/25/2014	Herman Phillips

LM Start	5.69	Rating **	M	Issue No.	45
LM End	5.69	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.667366 °	37.667366 °
				-121.241085 °	-121.241085 °
DWR ID	DWR_RD2064_01_f_2013_45				
Action/Comments					
Trim trees to at least five feet above ground level.					

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
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2014 Levee Inspection Results

Reclamation District No. 2064 River Junction

Waterway		Bank	Unit Miles	
Unit No. 02 Stanislaus River		Right	6.20	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	03/25/2014 - 03/25/2014			
DWR Inspector	Herman Phillips			
Accompanied By	Mr. Gordan Armstrong RD 2064 President			

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. 2064 River Junction

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Stanislaus River	Right	6.20	03/25/2014 03/25/2014	Herman Phillips

LM Start	0.00	Rating **	M	Issue No.	230
LM End	0.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.667068 °	37.667068 °
				-121.240900 °	-121.240900 °
DWR ID	DWR_RD2064_02_s_2014_230				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : phillips_s_20140604_06039.jpg



Looking downstream from landside shoulder downstream at Unit 2, RD 2064. Photo taken 03-25-2014.

LM Start	0.34	Rating **	M	Issue No.	1
LM End	0.34	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.664752 °	37.664752 °
				-121.236512 °	-121.236512 °
DWR ID	DWR_RD2064_02_s_2014_1				
Action/Comments					
Inspector Comments: FS_ID:22092 EP_NO: N/A Repair Type: Crossing Status: UCIP Comments: No permit identified for large PVC irrigation pipe with inadequate cover. FIELD_STRUCT_DESC: 8-inch PVC irrigation pipe through the levee 0.5-feet below the crown. Portable pump on the WS berm and a filter plant on the LS toe. Vent at filter plant on LS toe. FS Date: 8/27/2013					

Photo 1 of 1 : UCIP_2840.jpg



Pipe visible on WS shoulder/slope.

* 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. 2064 River Junction

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Stanislaus River	Right	6.20	03/25/2014 03/25/2014	Herman Phillips

LM Start	0.34	Rating **	C	Issue No.	7
LM End	0.34	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.664740 °	37.664740 °
				-121.236488 °	-121.236488 °
DWR ID	DWR_RD2064_02_f_2013_7				
Action/Comments					
Pipe Inspector Comments: Landowner wants to replace this pipe and pump station but no CVFPB permit has been issued. A PVC pipe was placed across levee, the owner has removed pipe.					

No Photos

LM Start	0.34	Rating **	M	Issue No.	3
LM End	0.34	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.664740 °	37.664740 °
				-121.236474 °	-121.236474 °
DWR ID	DWR_RD2064_02_s_2014_3				
Action/Comments					
Inspector Comments: FS_ID:19073 EP_NO: 4462 Repair Type: Crossing Status: UCIP Comments: Pipe failing on LS toe do to excessive rust. Pump missing from deteriorating wooden platform on LS slope. Pipe crossing being repaired at site. FIELD_STRUCT_DESC: 16-inch steel irrigation pipe through the levee 3.5-feet below the crown. Slant pump on the WS bank. Siphon breaker on the landward shoulder. Timber walkway from the levee slope to the pump motor (Permit No. 4462, 1964). Originally included in the 1968 O&M manual. 2-inch electrical conduit at same location. FS Date: 8/28/2013					

Photo 1 of 1 : UCIP_1766.jpg



New pump being installed on WS to.

* 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. 2064 River Junction

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Stanislaus River		Right	6.20	03/25/2014 03/25/2014	Herman Phillips

LM Start	0.44	Rating **	U	Issue No.	13
LM End	0.44	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.663920 °	37.663920 °	
			-121.234854 °	-121.234854 °	
DWR ID	DWR_RD2064_02_f_2013_13				
Action/Comments					
Pipe Inspector Comments: Concrete pipe on landside toe.					

Photo 1 of 1 : phillips_s_20140306_031.JPG



Unauthorized encroachment on landside within 10-foot of toe. Photo taken 10-30-2013. No new photo was taken, issue not removed 03-25-2014.

LM Start	0.47	Rating **	M	Issue No.	14
LM End	0.47	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		37.664052 °	37.664052 °	
			-121.234382 °	-121.234382 °	
DWR ID	DWR_RD2064_02_f_2013_14				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	1.58	Rating **	M	Issue No.	15
LM End	1.58	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.670786 °	37.670786 °	
			-121.222165 °	-121.222165 °	
DWR ID	DWR_RD2064_02_f_2013_15				
Action/Comments					
Tree or limb Inspector Comments: Elderberry tree on landside slope less than 2-inches.					

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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 2064 River Junction

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Stanislaus River	Right	6.20	03/25/2014 03/25/2014	Herman Phillips

LM Start	2.01	Rating **	M	Issue No.	4
LM End	2.01	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.676454 °	37.676454 °
				-121.223204 °	-121.223204 °
DWR ID	DWR_RD2064_02_s_2014_4				
Action/Comments					
Inspector Comments: FS_ID:22095 EP_NO: N/A Repair Type: Crossing Status: UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee at unknown depth below the crown. Pump on wooden pier at WS . Vent between 2 steel bollards on LS shoulder. Filter plant on LS toe. 1.5-inch galvanized iron electrical conduit at same location. FS Date: 8/27/2013					

Photo 1 of 1 : UCIP_2847.jpg



Vent on LS shoulder.

LM Start	2.26	Rating **	N	Issue No.	8
LM End	2.26	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.679930 °	37.679930 °
				-121.223220 °	-121.223220 °
DWR ID	DWR_RD2064_02_s_2012_8				
Action/Comments					
Tree stumps.					

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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 2064 River Junction

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Stanislaus River	Right	6.20	03/25/2014 03/25/2014	Herman Phillips

LM Start	2.27	Rating **	N	Issue No.	9
LM End	2.27	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.679988 °	37.679988 °
				-121.223340 °	-121.223340 °
DWR ID	DWR_RD2064_02_s_2012_9				
Action/Comments					
Tree stumps.					

No Photos

LM Start	2.35	Rating **	N	Issue No.	10
LM End	2.35	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.680025 °	37.680025 °
				-121.223783 °	-121.223783 °
DWR ID	DWR_RD2064_02_s_2012_10				
Action/Comments					
Tree stumps. Inspector Comments: This stump actually is off the toe waterward.					

No Photos

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

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 2064 River Junction

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Stanislaus River	Right	6.20	03/25/2014 03/25/2014	Herman Phillips

LM Start	2.58	Rating **	M	Issue No.	5
LM End	2.58	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.684148 °	37.684148 °
				-121.223599 °	-121.223599 °
DWR ID	DWR_RD2064_02_s_2014_5				
Action/Comments					
Inspector Comments: FS_ID:19086 EP_NO: N/A Repair Type: Crossing Status: UCIP Comments: Leak next to roadway may indicate pipe has reached life capacity-good candidate for video inspection. FIELD_STRUCT_DESC: 30-inch reinforced concrete box culvert through the levee 14.5-feet below the crown. Pipe reduced to 24-inch through the berm to pump house. Slide gate in 6'X7' concrete riser unit on the waterward slope. Slant pump mounted on WS berm next to 5'X9' concrete riser. 1.5-inch electrical conduit at same location. Originally included in the 1968 O&M manual. FS Date: 8/28/2013					

Photo 1 of 1 : UCIP_1770.jpg



Gate valve on WS shoulder. Pump next to concrete riser in background.

LM Start	2.60	Rating **	M	Issue No.	19
LM End	3.50	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.684371 °	37.686674 °
				-121.223396 °	-121.211026 °
DWR ID	DWR_RD2064_02_s_2014_19				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 2064 River Junction

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Stanislaus River	Right	6.20	03/25/2014 03/25/2014	Herman Phillips

LM Start	2.64	Rating **	M	Issue No.	16
LM End	2.64	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.684661 °	37.684661 °	
			-121.222775 °	-121.222775 °	
DWR ID	DWR_RD2064_02_f_2013_16				
Action/Comments					
Tree or limb					

No Photos

LM Start	2.83	Rating **	C	Issue No.	20
LM End	2.83	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.685104 °	37.685104 °	
			-121.220102 °	-121.220102 °	
DWR ID	DWR_RD2064_02_f_2013_20				
Action/Comments					
Tree or limb Inspector Comments: This tree limb blocking levee section. This is dangerous, it should be removed.					

No Photos

LM Start	2.86	Rating **	M	Issue No.	17
LM End	2.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.685525 °	37.686269 °	
			-121.219798 °	-121.218940 °	
DWR ID	DWR_RD2064_02_f_2013_17				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 2064 River Junction

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Stanislaus River	Right	6.20	03/25/2014 03/25/2014	Herman Phillips

LM Start	3.09	Rating **	N	Issue No.	11
LM End	3.09	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		37.687722 °	37.687722 °	
			-121.217045 °	-121.217045 °	
DWR ID	DWR_RD2064_02_s_2012_11				
Action/Comments					
Tree stumps.					

No Photos

LM Start	3.66	Rating **	M	Issue No.	6
LM End	3.66	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.687750 °	37.687750 °	
			-121.208920 °	-121.208920 °	
DWR ID	DWR_RD2064_02_s_2014_6				
Action/Comments					
Inspector Comments: FS_ID:22792 EP_NO: N/A Repair Type: Crossing Status: UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: PG&E underground gas line crossing through the levee, depth and size unknown. Originally included in the 1968 O&M manual. FS Date: 8/28/2013					

No Photos

LM Start	3.73	Rating **	M	Issue No.	18
LM End	3.73	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.688642 °	37.688642 °	
			-121.208315 °	-121.208315 °	
DWR ID	DWR_RD2064_02_f_2013_18				
Action/Comments					
Tree or limb					

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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 2064 River Junction

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Stanislaus River	Right	6.20	03/25/2014 03/25/2014	Herman Phillips

LM Start	4.18	Rating **	N	Issue No.	12
LM End	4.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.694172 °	37.694172 °
				-121.207255 °	-121.207255 °
DWR ID	DWR_RD2064_02_s_2012_12				
Action/Comments					
Tree stumps.					

No Photos

LM Start	4.32	Rating **	M	Issue No.	224
LM End	4.32	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.695745 °	37.695745 °
				-121.205865 °	-121.205865 °
DWR ID	DWR_RD2064_02_s_2014_224				
Action/Comments					
Inspector Comments: FS_ID:22107 EP_NO: N/A Repair Type: Crossing Status: UCIP Comments: Pipe does not have adequate cover at crown. FIELD_STRUCT_DESC: 12-inch steel discharge pipe through the levee 0.5-feet below the crown. Pump on concrete headwall at LS toe. Pipe discharges into 6'X7' concrete box on WS shoulder. FS Date: 8/28/2013					

Photo 1 of 1 : UCIP_2855.jpg



Pump for pipe on concrete headwall at 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 2064 River Junction

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Stanislaus River	Right	6.20	03/25/2014 03/25/2014	Herman Phillips

LM Start	5.01	Rating **	M	Issue No.	225
LM End	5.01	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.696146 °	37.696146 °
				-121.194093 °	-121.194093 °
DWR ID	DWR_RD2064_02_s_2014_225				
Action/Comments					
Inspector Comments: FS_ID:22109 EP_NO: N/A Repair Type: Crossing Status: UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 2 of 2: 4-inch PVC discharge pipe through the 30-inch stormdrain pipe 11-feet below the crown. No permit. FS Date: 8/28/2013					

Photo 1 of 1 : UCIP_2860.jpg



PVC conduit at left on LS toe.

LM Start	5.01	Rating **	M	Issue No.	226
LM End	5.01	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.696146 °	37.696146 °
				-121.194093 °	-121.194093 °
DWR ID	DWR_RD2064_02_s_2014_226				
Action/Comments					
Inspector Comments: FS_ID:22108 EP_NO: N/A Repair Type: Crossing Status: UCIP Comments: No permit identified for this discharge pipe. FIELD_STRUCT_DESC: 1 of 2: 4-inch PVC discharge pipe through the 30-inch stormdrain pipe 11-feet below the crown. No permit. FS Date: 8/28/2013					

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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 2064 River Junction

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Stanislaus River	Right	6.20	03/25/2014 03/25/2014	Herman Phillips

LM Start	5.57	Rating **	M	Issue No.	227
LM End	5.57	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.699557 °	37.699557 °
				-121.185385 °	-121.185385 °
DWR ID	DWR_RD2064_02_s_2014_227				
Action/Comments					
Inspector Comments: FS_ID:22795 EP_NO: N/A Repair Type: Crossing Status: UCIP Comments: No permit identified for this crossing. No photos available. FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee 0.75-feet below the crown. Butterfly valve and vent on the LS shoulder. Vent on the WS shoulder. FS Date: 8/28/2013					

No Photos

LM Start	5.64	Rating **	M	Issue No.	228
LM End	5.64	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.699848 °	37.699848 °
				-121.184135 °	-121.184135 °
DWR ID	DWR_RD2064_02_s_2014_228				
Action/Comments					
Inspector Comments: FS_ID:19145 EP_NO: N/A Repair Type: Crossing Status: UCIP Comments: Appears abandoned and if so should be done so appropriately. FIELD_STRUCT_DESC: 30-inch corrugated metal irrigation pipe through the levee 10.0 feet below the crown. Slide gate in 36-inch corrugated metal riser unit on the waterward slope. Two corrugated metal cutoff walls. FS Date: 8/28/2013					

Photo 1 of 1 : UCIP_1798.jpg



Slide gate in CMP riser on WS slope

* 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. 2064 River Junction

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Stanislaus River	Right	6.20	03/25/2014 03/25/2014	Herman Phillips

LM Start	5.85	Rating **	M	Issue No.	229
LM End	5.85	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.702220 °	37.702220 °
				-121.182210 °	-121.182210 °
DWR ID	DWR_RD2064_02_s_2014_229				
Action/Comments					
Inspector Comments: FS_ID:19146 EP_NO: N/A Repair Type: Crossing Status: UCIP Comments: Slide gate missing and CMP riser filled with soil. Appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 20-inch corrugated metal pipe through the levee 13.0-feet below the crown. Slide gate in corrugated metal riser unit on the waterward slope. Two corrugated metal cutoff walls. Underground irrigation system. Originally included in the 1968 O&M manual. FS Date: 8/28/2013					

Photo 1 of 1 : UCIP_1799.jpg



CMP riser for slide gate filled with soil.

* 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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