

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2015 Levee Maintenance Deficiency Summary Report**

**Overall LMA & Unit Ratings, including DWR Erosion Survey**

**San Joaquin River Basin**

<b>NA0017</b>		Overall LMA Rating	Total LMA Miles						
<b>San Joaquin County Flood Control and Water Conservation District</b>		<b>M</b>	<b>101.04</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<i>Earthen Levee</i>									
Vegetation	4.85	0.01	4.89	4.84%	1.81	0.22			
Trim / Thin Trees	0.24		0.24	0.24%					
Encroachments	0.66		0.66	0.65%	21.33	2.05			
Animal Control	0.39	0.05	0.59	0.58%					
Slope Stability	0.34		0.34	0.34%					
Erosion / Bank Caving	0.42	0.02	0.50	0.49%					
Crown Surface / Depressions / Rutting	0.05		0.05	0.05%					
<i>Interior Drainage &amp; Piping Systems</i>									
Vegetation & Obstructions		0.01	0.04	0.04%					
<i>Concrete Floodwalls</i>									
Monolith Joints	0.13		0.13	0.13%					
<i>Structures &amp; Concrete Lined Channels</i>									
Security Fencing	0.01		0.01	0.01%					
<i>Rivers, Channels &amp; Designated Floodways</i>									
Vegetation & Obstructions	0.01		0.01	0.01%					
<i>Supplemental</i>									
DWR Erosion Survey	1.25	0.79	4.41	4.36%					
DWR UCIP Field Study					2.85	0.23			
<i>LMA Totals:</i>	8.35	0.88	11.87	11.75%	25.99	2.50	0.00	0.00	

<b>Unit No. 01 Littlejohn Creek LB</b>		Overall Unit Rating	Total Unit Miles						
NA0017		<b>A</b>	<b>2.59</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<i>Earthen Levee</i>									
Encroachments					0.23	0.01			
<i>Supplemental</i>									
DWR UCIP Field Study					0.07				
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.30	0.01	0.00	0.00	

<b>Unit No. 02 Littlejohn Creek RB</b>		Overall Unit Rating	Total Unit Miles						
NA0017		<b>A</b>	<b>3.20</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<i>Earthen Levee</i>									
Vegetation	0.06		0.06	1.88%					
Encroachments					0.01				
Slope Stability	0.01		0.01	0.31%					
Erosion / Bank Caving	0.04		0.04	1.25%					
<i>Supplemental</i>									
DWR UCIP Field Study					0.09				
<i>Unit Totals:</i>	0.11	0.00	0.11	3.44%	0.10	0.00	0.00	0.00	

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**Overall LMA & Unit Ratings, including DWR Erosion Survey**

**San Joaquin River Basin (cont.)**

Unit No. 06 SPRR Drain LB	Overall Unit Rating	Total Unit Miles						
NA0017	<b>U</b>	<b>0.46</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.10		0.10	21.85%				
Animal Control	0.01		0.01	2.19%				
<i>Supplemental</i>								
DWR UCIP Field Study					0.01			
<i>Unit Totals:</i>	0.11	0.00	0.11	24.04%	0.01	0.00	0.00	0.00

Unit No. 07 Bear Creek RB	Overall Unit Rating	Total Unit Miles	* Overall Unit Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall Unit Rating is M instead of A.					
NA0017	<b>M *</b>	<b>16.11</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation					0.01			
Encroachments	0.06		0.06	0.37%	3.09	0.01		
Animal Control	0.02	0.01	0.06	0.37%				
Slope Stability	0.03		0.03	0.19%				
Erosion / Bank Caving	0.05		0.05	0.31%				
Crown Surface / Depressions / Rutting	0.01		0.01	0.06%				
<i>Supplemental</i>								
DWR UCIP Field Study					0.37	0.03		
<i>Unit Totals:</i>	0.17	0.01	0.21	1.30% *	3.47	0.04	0.00	0.00

Unit No. 08 Bear Creek LB	Overall Unit Rating	Total Unit Miles	* Overall Unit Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall Unit Rating is M instead of A.					
NA0017	<b>M *</b>	<b>15.32</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.37		0.37	2.42%	0.15			
Encroachments	0.10		0.10	0.65%	2.17	1.01		
Animal Control	0.07		0.07	0.46%				
Slope Stability	0.10		0.10	0.65%				
Erosion / Bank Caving	0.04	0.01	0.08	0.52%				
Crown Surface / Depressions / Rutting	0.01		0.01	0.07%				
<i>Concrete Floodwalls</i>								
Monolith Joints	0.07		0.07	0.46%				
<i>Supplemental</i>								
DWR UCIP Field Study					0.57	0.02		
<i>Unit Totals:</i>	0.76	0.01	0.80	5.22% *	2.89	1.03	0.00	0.00

**Flood Control Project Maintenance  
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**Fall 2015 Levee Maintenance Deficiency Summary Report  
Overall LMA & Unit Ratings, including DWR Erosion Survey**

**San Joaquin River Basin (cont.)**

Unit No. 09 Paddy Creek LB		Overall Unit Rating	Total Unit Miles						
NA0017		<b>A</b>	<b>1.53</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<i>Earthen Levee</i>									
Encroachments					0.52				
<i>Supplemental</i>									
DWR UCIP Field Study					0.02	0.01			
<i>Unit Totals:</i>		0.00	0.00	0.00	0.54	0.01	0.00	0.00	
Unit No. 10 Paddy Creek RB		Overall Unit Rating	Total Unit Miles						
NA0017		<b>A</b>	<b>1.41</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<i>Earthen Levee</i>									
Encroachments					1.38				
<i>Supplemental</i>									
DWR UCIP Field Study					0.01				
<i>Unit Totals:</i>		0.00	0.00	0.00	1.39	0.00	0.00	0.00	
Unit No. 11 North Paddy Creek RB		Overall Unit Rating	Total Unit Miles						
NA0017		<b>A</b>	<b>3.53</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<i>Earthen Levee</i>									
Encroachments					1.67	0.07			
<i>Supplemental</i>									
DWR UCIP Field Study					0.11	0.01			
<i>Unit Totals:</i>		0.00	0.00	0.00	1.78	0.08	0.00	0.00	
Unit No. 12 North Paddy Creek LB		Overall Unit Rating	Total Unit Miles						
NA0017		<b>A</b>	<b>3.51</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<i>Earthen Levee</i>									
Vegetation					0.06				
Encroachments		0.03		0.03	0.86%	2.24			
Animal Control		0.02		0.02	0.57%				
Slope Stability		0.01		0.01	0.29%				
Erosion / Bank Caving		0.01		0.01	0.29%				
<i>Supplemental</i>									
DWR UCIP Field Study					0.12	0.02			
<i>Unit Totals:</i>		0.07	0.00	0.07	1.99%	2.42	0.02	0.00	

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**Overall LMA & Unit Ratings, including DWR Erosion Survey**

**San Joaquin River Basin (cont.)**

<b>Unit No. 13 Middle Paddy Creek LB</b>		Overall Unit Rating	Total Unit Miles						
NA0017		<b>A</b>	<b>1.38</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<i>Earthen Levee</i>									
Encroachments					1.37				
Animal Control	0.02		0.02	1.45%					
<i>Supplemental</i>									
DWR UCIP Field Study					0.01	0.01			
<i>Unit Totals:</i>	0.02	0.00	0.02	1.45%	1.38	0.01	0.00	0.00	
<b>Unit No. 14 Middle Paddy Creek RB</b>		Overall Unit Rating	Total Unit Miles						
NA0017		<b>A</b>	<b>1.38</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<i>Earthen Levee</i>									
Encroachments					0.52				
Animal Control	0.05		0.05	3.64%					
Erosion / Bank Caving	0.01		0.01	0.73%					
Crown Surface / Depressions / Rutting	0.01		0.01	0.73%					
<i>Supplemental</i>									
DWR UCIP Field Study					0.09	0.02			
<i>Unit Totals:</i>	0.07	0.00	0.07	5.09%	0.61	0.02	0.00	0.00	
<b>Unit No. 15 Mormon Slough RB</b>		Overall Unit Rating	Total Unit Miles						
NA0017		<b>M</b>	<b>25.38</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<i>Earthen Levee</i>									
Vegetation	2.67		2.67	10.52%	0.43				
Trim / Thin Trees	0.24		0.24	0.95%					
Encroachments	0.16		0.16	0.63%	4.55	0.44			
Animal Control	0.12	0.01	0.16	0.63%					
Slope Stability	0.12		0.12	0.47%					
Erosion / Bank Caving	0.10	0.01	0.14	0.55%					
<i>Interior Drainage &amp; Piping Systems</i>									
Vegetation & Obstructions		0.01	0.04	0.16%					
<i>Concrete Floodwalls</i>									
Monolith Joints	0.06		0.06	0.24%					
<i>Structures &amp; Concrete Lined Channels</i>									
Security Fencing	0.01		0.01	0.04%					
<i>Supplemental</i>									
DWR Erosion Survey	1.03	0.06	1.27	5.00%					
DWR UCIP Field Study					0.54	0.03			
<i>Unit Totals:</i>	4.51	0.09	4.87	19.19%	5.52	0.47	0.00	0.00	

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**Overall LMA & Unit Ratings, including DWR Erosion Survey**

**San Joaquin River Basin (cont.)**

Unit No. 16 Mormon Slough LB	Overall Unit Rating	Total Unit Miles						
NA0017	<b>U</b>	<b>23.48</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	1.47	0.01	1.51	6.43%	1.16	0.22		
Encroachments	0.28		0.28	1.19%	3.34	0.51		
Animal Control	0.07	0.03	0.19	0.81%				
Slope Stability	0.06		0.06	0.26%				
Erosion / Bank Caving	0.17		0.17	0.72%				
Crown Surface / Depressions / Rutting	0.02		0.02	0.09%				
<i>Rivers, Channels &amp; Designated Floodways</i>								
Vegetation & Obstructions	0.01		0.01	0.04%				
<i>Supplemental</i>								
DWR Erosion Survey	0.22	0.73	3.14	13.37%				
DWR UCIP Field Study					0.80	0.08		
<i>Unit Totals:</i>	2.30	0.77	5.38	22.91%	5.30	0.81	0.00	0.00

Unit No. 17 Potter Creek RB	Overall Unit Rating	Total Unit Miles						
NA0017	<b>U</b>	<b>0.86</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.18		0.18	20.93%				
Encroachments	0.03		0.03	3.49%	0.02			
Slope Stability	0.01		0.01	1.16%				
<i>Supplemental</i>								
DWR UCIP Field Study					0.03			
<i>Unit Totals:</i>	0.22	0.00	0.22	25.58%	0.05	0.00	0.00	0.00

Unit No. 18 Potter Creek LB	Overall Unit Rating	Total Unit Miles						
NA0017	<b>A</b>	<b>0.91</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Encroachments					0.22			
Animal Control	0.01		0.01	1.10%				
<i>Supplemental</i>								
DWR UCIP Field Study					0.01			
<i>Unit Totals:</i>	0.01	0.00	0.01	1.10%	0.23	0.00	0.00	0.00

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Fall 2015 Levee Inspection Results**

**San Joaquin County Flood Control and Water Conservation District**

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

\*\* 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**

**Fall 2015 Levee Inspection Results**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles
Unit No. 01 Littlejohn Creek	Left	2.59

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	04/30/2015 - 04/30/2015		09/25/2015 - 09/25/2015	
DWR Inspector	Pavel Kazi		Pavel Kazi	
Accompanied By	Jay Jauregui SJCF&WCD		Jay Jauregui SJCF&WCD	

**Summer & Winter Inspections**

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

DWR must be informed on the:

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

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

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

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

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

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.59	09/25/2015 09/25/2015	Pavel Kazi

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>3</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals		°	°	°
DWR ID	DWR_NA0017_01_s_2013_3				
Action/Comments					
Inspector Comments: The LMA has the all the required O&M manuals.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>5</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment		°	°	°
DWR ID	DWR_NA0017_01_s_2013_5				
Action/Comments					
Inspector Comments: The LMA has all the required materials at their site.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>9</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training		°	°	°
DWR ID	DWR_NA0017_01_s_2013_9				
Action/Comments					
Inspector Comments: The LMA has all the required booklets from DWR, flood response plan and most of their employees are trained to be a flood fighter.					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.59	09/25/2015 09/25/2015	Pavel Kazi

LM Start	<b>0.17</b>	Rating **	M	Issue No.	<b>199</b>
LM End	<b>0.17</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.873926 °	37.873926 °
				-121.233588 °	-121.233588 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:32743 DS_ID:17965 EP_NO: N/A FS_HLM: 0.425 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: May need cleaning of the pipe. Reshaping the pipe end on landside. FIELD_STRUCT_DESC: 18-inch pipe through the levee, 6.0 feet below the crown; flap gate on the waterward end. Open end at inlet on landside. FS Date: 03/25/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_4011.jpg



LS view: inside view of the CM pipe. Needs cleaning and clearing the pipe.

LM Start	<b>0.17</b>	Rating **	M	Issue No.	<b>199 (cont)</b>
LM End	<b>0.17</b>	Issue Type +	En	Location *	CR

Photo 2 of 3 : UCIP\_FA\_2015\_4012.jpg



LS view: deformed CM inlet pipe on levee slope. Vegetation debris and mud on inlet ditch.

<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  
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**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.59	09/25/2015 09/25/2015	Pavel Kazi

LM Start	<b>0.17</b>	Rating **	M	Issue No.	<b>199 (cont)</b>
LM End	<b>0.17</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.873926 °	37.873926 °
				-121.233588 °	-121.233588 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:32743 DS_ID:17965 EP_NO: N/A FS_HLM: 0.425 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_4013.jpg



WS view: CM drain outfall pipe with flap gate on creek bank.

LM Start	<b>0.18</b>	Rating **	M	Issue No.	<b>105</b>
LM End	<b>0.18</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.873997 °	37.873997 °
				-121.233640 °	-121.233640 °
DWR ID	DWR_NA0017_01_f_2014_105				
Action/Comments					
Equipment					

Photo 1 of 1 : FA\_2015\_NA0017\_148\_105\_20150911\_00005.jpg



Farming equipment were found on the landside of the levee looking downstream.

<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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**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.59	09/25/2015 09/25/2015	Pavel Kazi

LM Start	<b>0.77</b>	Rating **	M	Issue No.	<b>200</b>
LM End	<b>0.77</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.878603 °	37.878603 °
				-121.241933 °	-121.241933 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41843 DS_ID:24005 EP_NO: N/A FS_HLM: 1.027 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine if pipe is intact at this location. Indicators or mark posts not found. FIELD_STRUCT_DESC: 16-inch high pressure natural gasline (PG&E) through both levees and the channel; about 7 ft. below crown on left bank and 16-inch beneath surface in open field. FS Date: 03/25/2014					

No Photos

LM Start	<b>0.79</b>	Rating **	A	Issue No.	<b>1</b>
LM End	<b>0.79</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.878502 °	37.878502 °
				-121.242377 °	-121.242377 °
DWR ID	DWR_NA0017_01_f_2015_1				
Action/Comments					
Pipe Inspector Comments: LMA cleaned the flap gates area which UCIP noted on their inspection.					

Photo 1 of 1 : FA\_2015\_NA0017\_148\_1\_20151116\_00008.jpg



View of the cleaned flap gates.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.59	09/25/2015 09/25/2015	Pavel Kazi

LM Start	<b>0.79</b>	Rating **	M	Issue No.	<b>198</b>
LM End	<b>0.79</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.878502 °	37.878502 °
				-121.242377 °	-121.242377 °
DWR ID	DWR_NA0017_01_f_2015_198				
Action/Comments					
Inspector Comments: FS_ID:46809 DS_ID:17972 EP_NO: N/A FS_HLM: 1.053 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: LS: vegetation debris and mud on inlet ditch and inside the pipe. FIELD_STRUCT_DESC: 1 of 2. Two 36-inch CM drain pipes through the levee, 6.6 feet below the crown. Flap gate on the waterward end. O&M Manual May 1963 (SJR 613C Vol 15) FS Date: 03/25/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_3907.jpg



WS view: closer view of CMP drain pipes with flap gates on ditch. Right flap gate was blocked by soil/mud.

LM Start	<b>0.79</b>	Rating **	M	Issue No.	<b>198 (cont)</b>
LM End	<b>0.79</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_3908.jpg



WS view: CMP drain pipes with flap gates on ditch.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.59	09/25/2015 09/25/2015	Pavel Kazi

LM Start	<b>0.79</b>	Rating **	M	Issue No.	<b>198 (cont)</b>
LM End	<b>0.79</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.878502 °	37.878502 °
				-121.242377 °	-121.242377 °
DWR ID	DWR_NA0017_01_f_2015_198				
Action/Comments					
Inspector Comments: FS_ID:46809 DS_ID:17972 EP_NO: N/A FS_HLM: 1.053 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_4410.jpg



WS: Debris blocking flap gate has been cleared per FPIIB Inspector email 11/16/2015

LM Start	<b>0.79</b>	Rating **	M	Issue No.	<b>201</b>
LM End	<b>0.79</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.878494 °	37.878494 °
				-121.242392 °	-121.242392 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:32704 DS_ID:23995 EP_NO: N/A FS_HLM: 1.054 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing the culvert. FIELD_STRUCT_DESC: 2 of 2. Two 36-inch CM drain pipes through the levee, 6.6 feet below the crown. Flap gate on the waterward end. O&M Manual May 1963 (SJR 613C Vol 15) FS Date: 03/25/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_3909.jpg



LS view: CMP inlet pipes on levee slope. Debris and mud on inlet ditch and inside the pipe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.59	09/25/2015 09/25/2015	Pavel Kazi

LM Start	0.79	Rating **	M	Issue No.	201 (cont)
LM End	0.79	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.878494 °	37.878494 °
				-121.242392 °	-121.242392 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:32704 DS_ID:23995 EP_NO: N/A FS_HLM: 1.054 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing the culvert. FIELD_STRUCT_DESC: 2 of 2. Two 36-inch CM drain pipes through the levee, 6.6 feet below the crown. Flap gate on the waterward end. O&M Manual May 1963 (SJR 613C Vol 15) FS Date: 03/25/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_3910.jpg



WS view: closer view of CMP drain pipes with flap gates on ditch. Right flap gate was blocked by soil/mud.

LM Start	0.79	Rating **	M	Issue No.	201 (cont)
LM End	0.79	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_3911.jpg



WS view: CMP drain pipes with flap gates on ditch.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.59	09/25/2015 09/25/2015	Pavel Kazi

LM Start	<b>0.80</b>	Rating **	M	Issue No.	<b>12</b>
LM End	<b>1.01</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.878425 °	37.877636 °	
			-121.242593 °	-121.246147 °	
DWR ID	DWR_NA0017_01_s_2012_12				
Action/Comments					
Pipe					

Photo 1 of 2 : FA\_2015\_NA0017\_148\_12\_20150911\_00002.jpg



Updated picture of the PVC pipe on the waterside shoulder of the levee looking downstream.

LM Start	<b>0.80</b>	Rating **	M	Issue No.	<b>12 (cont)</b>
LM End	<b>1.01</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : FA\_2015\_NA0017\_148\_12\_20150911\_00003.jpg



PVC Pipe was found on the waterside of the levee looking downstream.

LM Start	<b>1.02</b>	Rating **	M	Issue No.	<b>202</b>
LM End	<b>1.02</b>	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.877566 °	37.877566 °	
			-121.246391 °	-121.246391 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:32746 DS_ID:23985 EP_NO: N/A FS_HLM: 1.284 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_4037.jpg



LS view: inside view of CM inlet pipe. Needs cleaning and clearing the culvert.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.59	09/25/2015 09/25/2015	Pavel Kazi

LM Start	1.02	Rating **	M	Issue No.	202 (cont)
LM End	1.02	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.877566 °	37.877566 °
				-121.246391 °	-121.246391 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:32746 DS_ID:23985 EP_NO: N/A FS_HLM: 1.284 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Debris and mud on inlet ditch and inside pipe.  Needs cleaning and clearing the culvert. FIELD_STRUCT_DESC: 30-inch CM pipe 11 ft below the levee crown and with flap gate on waterside. O&M Manual May 1963 (SJR 613C Vol 15). FS Date: 03/25/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_4038.jpg



LS view: CMP inlet pipe on levee slope. Vegetation debris and mud on inlet ditch.

LM Start	1.02	Rating **	M	Issue No.	202 (cont)
LM End	1.02	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_FA\_2015\_4039.jpg



Enter photo 1 description or comment here.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.59	09/25/2015 09/25/2015	Pavel Kazi

LM Start	<b>1.06</b>	Rating **	M	Issue No.	<b>14</b>
LM End	<b>1.06</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.877724 °	37.877724 °	
			-121.247054 °	-121.247054 °	
DWR ID	DWR_NA0017_01_s_2012_14				
Action/Comments					
Prunings					

Photo 1 of 2 : FA\_2015\_NA0017\_148\_14\_20150928\_00007.jpg



Updated picture of the prunings on the waterside of the levee looking downstream during fall 2015 inspection.

LM Start	<b>1.06</b>	Rating **	M	Issue No.	<b>14 (cont)</b>
LM End	<b>1.06</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : FA\_2015\_NA0017\_148\_14\_20150911\_00004.jpg



Prunings were found on the waterside of the levee looking upstream.

LM Start	<b>1.12</b>	Rating **	U	Issue No.	<b>197</b>
LM End	<b>1.12</b>	Issue Type +	En	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.878448 °	37.878448 °	
			-121.247723 °	-121.247723 °	
DWR ID	DWR_NA0017_01_s_2015_197				
Action/Comments					
Pipe					
Inspector Comments: PVC pipe going through the levee.					

Photo 1 of 1 : FA\_2015\_NA0017\_148\_197\_20150911\_00006.jpg



View of a PVC pipe penetrating through the levee looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.59	09/25/2015 09/25/2015	Pavel Kazi

LM Start	<b>1.18</b>	Rating **	M	Issue No.	<b>203</b>
LM End	<b>1.18</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.879076 °	37.879076 °
				-121.248304 °	-121.248304 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:32747 DS_ID:17970 EP_NO: N/A FS_HLM: 1.44 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing the culvert. FIELD_STRUCT_DESC: 24-inch CM pipe through the levee, 4.1 feet, below the crown; flap gate on the waterside end. O&M Manual May 1963 (SJR 613C Vol 15). FS Date: 03/25/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_4040.jpg



LS view: deformed CM inlet pipe on levee slope. Debris and mud on inlet ditch.

LM Start	<b>1.18</b>	Rating **	M	Issue No.	<b>203 (cont)</b>
LM End	<b>1.18</b>	Issue Type +	En	Location *	CR

Photo 2 of 3 : UCIP\_FA\_2015\_4041.jpg



WS view: closer view of CM drain pipe with flap gate on levee slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.59	09/25/2015 09/25/2015	Pavel Kazi

LM Start	<b>1.18</b>	Rating **	M	Issue No.	<b>203 (cont)</b>
LM End	<b>1.18</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.879076 °	37.879076 °
				-121.248304 °	-121.248304 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:32747 DS_ID:17970 EP_NO: N/A FS_HLM: 1.44 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_4042.jpg



WS view: CM drain pipe with flap gate on levee slope. Dirt spillway to the creek.

LM Start	<b>1.33</b>	Rating **	M	Issue No.	<b>204</b>
LM End	<b>1.33</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.881077 °	37.881077 °
				-121.249368 °	-121.249368 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41788 DS_ID:17969 EP_NO: N/A FS_HLM: 1.595 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Appears abandoned and should be verified as having been done so properly. Concrete standpipe on waterside. Abandoned gate valve on waterside. Steel pipe disconnected with the standpipe. Inlet structure with steel gates and 18-inch alfalfa valve on landside. FIELD_STRUCT_DESC: 18-inch concrete pipe through the levee, 6.2 feet below the crown. O&M Manual May 1963 (SJR 613C Vol 15). FS Date: 03/25/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_4008.jpg



LS view: inlet structure with steel gates and 18-inch alfalfa valve. Pipe not visible.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.59	09/25/2015 09/25/2015	Pavel Kazi

LM Start	<b>1.33</b>	Rating **	M	Issue No.	<b>204 (cont)</b>
LM End	<b>1.33</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.881077 °	37.881077 °
				-121.249368 °	-121.249368 °
DWR ID					

**Action/Comments**

Inspector Comments: FS\_ID:41788  
 DS\_ID:17969  
 EP\_NO: N/A  
 FS\_HLM: 1.595  
 Repair Type: Non-Urgent  
 Crossing Status: Indicator Found  
 UCIP Comments: Appears abandoned and should be verified as having been done so properly. Concrete standpipe on waterside. Abandoned gate valve on waterside. Steel pipe disconnected with the standpipe. Inlet structure with steel gates and 18-inch alfalfa valve on landside.  
 FIELD\_STRUCT\_DESC: 18-inch concrete pipe through the levee, 6.2 feet below the crown. O&M Manual May 1963 (SJR 613C Vol 15).  
 FS Date: 03/25/2014

LM Start	<b>1.33</b>	Rating **	M	Issue No.	<b>204 (cont)</b>
LM End	<b>1.33</b>	Issue Type +	En	Location *	CR

Photo 2 of 3 : UCIP\_FA\_2015\_4009.jpg



WS view: a concrete standpipe on levee slope.

Photo 3 of 3 : UCIP\_FA\_2015\_4010.jpg



WS view: a concrete standpipe and pipe with appurtenance.

<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**

**Unit Cover Sheet**

**Fall 2015 Levee Inspection Results**

**San Joaquin County Flood Control and Water Conservation District**

Waterway		Bank	Unit Miles	
Unit No. 02 Littlejohn Creek		Right	3.20	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	04/30/2015 - 04/30/2015		09/25/2015 - 09/25/2015	
DWR Inspector	Pavel Kazi		Pavel Kazi	
Accompanied By	Jay Jauregui SJCFC&WCD		Jay Jauregui SJCFC&WCD	

**Summer & Winter Inspections**

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

DWR must be informed on the:

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

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

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

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

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

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Littlejohn Creek	Right	3.20	09/25/2015 09/25/2015	Pavel Kazi

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>129</b>
LM End	<b>0.00</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.875087 °	37.875087 °
				-121.220019 °	-121.220019 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:33123 DS_ID:23987 EP_NO: N/A FS_HLM: 0.001 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Not found: 24-inch CM pipe with flap gate on waterside of the levee. O&M Manual May 1963 (SJR 613C Vol 15). Probably, the pipe mentioned in desk study is one across the channel on other bank of the creek. Needs confirmation from DWR inspector or LMA. FIELD_STRUCT_DESC: A 14-inch steel pipe attached to steel deck bridge and crossing the creek. Air vent on the pipe across the channel. No pipe or other structure found on landside. FS Date: 04/02/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_3802.jpg



LS view: no pipe or appurtenances found on landside.

Photo 2 of 3 : UCIP\_FA\_2015\_3803.jpg



WS view: closer view of 14-inch steel pipe attached to the steel bridge.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Littlejohn Creek	Right	3.20	09/25/2015 09/25/2015	Pavel Kazi

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>129 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.875087 °	37.875087 °
				-121.220019 °	-121.220019 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:33123 DS_ID:23987 EP_NO: N/A FS_HLM: 0.001 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_3804.jpg



WS view: 14-inch steel pipe attached to the steel bridge.

LM Start	<b>0.29</b>	Rating **	M	Issue No.	<b>125</b>
LM End	<b>0.29</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.875189 °	37.875189 °
				-121.225048 °	-121.225048 °
DWR ID	DWR_NA0017_02_s_2015_125				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

Photo 1 of 1 : FA\_2015\_NA0017\_149\_125\_20150911\_00006.jpg



A slope instability was found on the landside of the levee looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Littlejohn Creek	Right	3.20	09/25/2015 09/25/2015	Pavel Kazi

LM Start	<b>1.06</b>	Rating **	M	Issue No.	<b>130 (cont)</b>
LM End	<b>1.06</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.877386 °	37.877386 °
				-121.237044 °	-121.237044 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:33125 DS_ID:17983 EP_NO: N/A FS_HLM: 1.07 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_3807.jpg



LS view: CM inlet pipe on levee slope.

LM Start	<b>1.24</b>	Rating **	M	Issue No.	<b>131</b>
LM End	<b>1.24</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.878889 °	37.878889 °
				-121.239586 °	-121.239586 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40365 DS_ID:24007 EP_NO: N/A FS_HLM: 1.251 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: A vertical pump, concrete standpipe, and appurtenances found on creek bank. It was not clear whether pipe crosses the levee. Needs confirmation from LMA or DWR Inspector. FIELD_STRUCT_DESC: 12-inch concrete pipe through the levee, sheet metal gate, station 103+00, both banks. O&M Manual May 1963 (SJR 613C Vol 15). FS Date: 04/02/2014					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Littlejohn Creek	Right	3.20	09/25/2015 09/25/2015	Pavel Kazi

LM Start	<b>1.26</b>	Rating **	M	Issue No.	<b>132</b>
LM End	<b>1.26</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.879142 °	37.879142 °
				-121.239806 °	-121.239806 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40366 DS_ID:23997 EP_NO: N/A FS_HLM: 1.272 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: A water filtration plant found on landside. Not sure whether any pipes crosses the levee. Needs more info from LMA or DWR Inspector. FIELD_STRUCT_DESC: 16-inch steel pipe through the levee and channel. The pipe is 5.0 ft below the crown of the levee. O&M Manual May 1963 (SJR 613C Vol 15). FS Date: 04/02/2014					

No Photos

LM Start	<b>1.37</b>	Rating **	M	Issue No.	<b>133</b>
LM End	<b>1.37</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.879646 °	37.879646 °
				-121.241646 °	-121.241646 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40367 DS_ID:17981 EP_NO: N/A FS_HLM: 1.383 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Need to confirm status of gasoline crossing with PG&E. FIELD_STRUCT_DESC: 16-in high pressure gas line (Pacific Gas and Electric) crossing. Approximate pipe depth is 9.5 ft below crown. FS Date: 04/02/2014					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Littlejohn Creek	Right	3.20	09/25/2015 09/25/2015	Pavel Kazi

LM Start	<b>1.71</b>	Rating **	M	Issue No.	<b>3</b>
LM End	<b>1.71</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.879548 °	37.879548 °	
			-121.247397 °	-121.247397 °	
DWR ID	DWR_NA0017_02_s_2014_3				
Action/Comments					
Equipment Inspector Comments: Filtration plant on the levee without a permit.					

Photo 1 of 1 : FA\_2015\_NA0017\_149\_3\_20150928\_00012.jpg



Farming equipment was found on the landside shoulder of the levee looking upstream.

LM Start	<b>1.72</b>	Rating **	M	Issue No.	<b>134</b>
LM End	<b>1.72</b>	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.879670 °	37.879670 °	
			-121.247572 °	-121.247572 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40344 DS_ID:17979 EP_NO: N/A FS_HLM: 1.736 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: No pipe found. Need an accurate locationA vertical pump on the creek bank. Another pump found on landside field. A concrete riser on waterside berm. A steel pipe crosses the channel. FIELD_STRUCT_DESC: 30-inch steel pipe through the levee, 2.5 feet below the crown; open on both ends. FS Date: 04/02/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_3918.jpg



WS view: a concrete riser on levee berm. concrete pipe visible inside the riser.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Littlejohn Creek	Right	3.20	09/25/2015 09/25/2015	Pavel Kazi

LM Start	<b>1.72</b>	Rating **	M	Issue No.	<b>134 (cont)</b>
LM End	<b>1.72</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.879670 °	37.879670 °
				-121.247572 °	-121.247572 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40344 DS_ID:17979 EP_NO: N/A FS_HLM: 1.736 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: No pipe found. Need an accurate locationA vertical pump on the creek bank. Another pump found on landside field. A concrete riser on waterside berm. A steel pipe crosses the channel. FIELD_STRUCT_DESC: 30-inch steel pipe through the levee, 2.5 feet below the crown; open on both ends. FS Date: 04/02/2014					

Photo 2 of 2 : UCIP\_FA\_2015\_3919.jpg



WS view: a vertical pump on end of levee berm. The pump discharges water into irrigation ditch on the berm.

LM Start	<b>1.91</b>	Rating **	M	Issue No.	<b>14</b>
LM End	<b>1.97</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.881857 °	37.882421 °
				-121.249441 °	-121.250336 °
DWR ID	DWR_NA0017_02_f_2015_14				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : FA\_2015\_NA0017\_149\_14\_20150928\_00011.jpg



View of the vegetation on the waterside of the levee looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Littlejohn Creek	Right	3.20	09/25/2015 09/25/2015	Pavel Kazi

LM Start	<b>1.97</b>	Rating **	M	Issue No.	<b>127</b>
LM End	<b>1.97</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		37.882404 °	37.882404 °	
			-121.250359 °	-121.250359 °	
DWR ID	DWR_NA0017_02_s_2015_127				
Action/Comments					
Note and monitor erosion site.					

Photo 1 of 1 : FA\_2015\_NA0017\_149\_127\_20150911\_00007.jpg



Erosion was found on the waterside slope of the levee looking upstream.

LM Start	<b>2.06</b>	Rating **	M	Issue No.	<b>12</b>
LM End	<b>2.06</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		37.883147 °	37.883147 °	
			-121.251649 °	-121.251649 °	
DWR ID	DWR_NA0017_02_f_2015_12				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Runoff					

Photo 1 of 1 : FA\_2015\_NA0017\_149\_12\_20150928\_00009.jpg



View of erosion due to runoff on the waterside slope of the levee looking upstream.

LM Start	<b>2.11</b>	Rating **	M	Issue No.	<b>128</b>
LM End	<b>2.11</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		37.883599 °	37.883599 °	
			-121.252355 °	-121.252355 °	
DWR ID	DWR_NA0017_02_s_2015_128				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Runoff					

Photo 1 of 1 : FA\_2015\_NA0017\_149\_128\_20150911\_00008.jpg



Erosion caused by runoff on the waterside looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Littlejohn Creek	Right	3.20	09/25/2015 09/25/2015	Pavel Kazi

LM Start	<b>2.22</b>	Rating **	M	Issue No.	<b>4</b>
LM End	<b>2.22</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.884741 °	37.884741 °
				-121.253808 °	-121.253808 °
DWR ID	DWR_NA0017_02_s_2014_4				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 2 : FA\_2015\_NA0017\_149\_4\_20150928\_00010.jpg



Updated picture of the erosion on the waterside of the levee during fall 2015 inspection.

LM Start	<b>2.22</b>	Rating **	M	Issue No.	<b>4 (cont)</b>
LM End	<b>2.22</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA\_2015\_NA0017\_149\_4\_20150911\_00002.jpg



View of the erosion on the waterside shoulder looking upstream during spring 2015 inspection.

LM Start	<b>2.46</b>	Rating **	M	Issue No.	<b>135</b>
LM End	<b>2.46</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.887657 °	37.887657 °
				-121.255670 °	-121.255670 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40345 DS_ID:17977 EP_NO: N/A FS_HLM: 2.473 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_3920.jpg



LS view: distorted CM inlet pipe on levee slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Littlejohn Creek	Right	3.20	09/25/2015 09/25/2015	Pavel Kazi

LM Start	2.46	Rating **	M	Issue No.	135 (cont)
LM End	2.46	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.887657 °	37.887657 °
				-121.255670 °	-121.255670 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40345 DS_ID:17977 EP_NO: N/A FS_HLM: 2.473 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Distorted inlet end on landside. Flap gate and pipe looks very new. FIELD_STRUCT_DESC: 12-inch CM drain pipe, 3.0 feet below the crown; flap gate on waterside and pipe open on landside end. Permit No. 11896, 1973. FS Date: 04/07/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_3921.jpg



WS view: closer view of CM drain pipe and flap gate on levee slope.

LM Start	2.46	Rating **	M	Issue No.	135 (cont)
LM End	2.46	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_FA\_2015\_3922.jpg



WS view: new CM drain pipe and flap gate on levee slope.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Littlejohn Creek	Right	3.20	09/25/2015 09/25/2015	Pavel Kazi

LM Start	<b>2.54</b>	Rating **	M	Issue No.	<b>136</b>
LM End	<b>2.54</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.888389 °	37.888389 °
				-121.256771 °	-121.256771 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41373 DS_ID:24849 EP_NO: N/A FS_HLM: 2.553 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_4034.jpg



LS view: concrete inlet pipe on drainage ditch. Vegetation debris and mud in the pipe.

LM Start	<b>2.54</b>	Rating **	M	Issue No.	<b>136 (cont)</b>
LM End	<b>2.54</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_4035.jpg



WS view: closer view of concrete drain pipe on levee slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Littlejohn Creek	Right	3.20	09/25/2015 09/25/2015	Pavel Kazi

LM Start	<b>2.54</b>	Rating **	M	Issue No.	<b>136 (cont)</b>
LM End	<b>2.54</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.888389 °	37.888389 °
				-121.256771 °	-121.256771 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41373 DS_ID:24849 EP_NO: N/A FS_HLM: 2.553 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_4036.jpg



WS view: concrete drain pipe on levee slope.

LM Start	<b>2.65</b>	Rating **	A/W	Issue No.	<b>8</b>
LM End	<b>2.65</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.888853 °	37.888853 °
				-121.258640 °	-121.258640 °
DWR ID	DWR_NA0017_02_s_2012_8				
Action/Comments					
Pipe Inspector Comments: Pipe crossing the channel has corroded and can carry water to/from the channel. A flap gate was installed by the LMA, but the pipe appeared to be damaged.					

Photo 1 of 2 : FA\_2015\_NA0017\_149\_8\_20150911\_00004.jpg



A flap gate was installed at the end of the pipe, but the pipe appeared to have cracks. The picture was taken from the crown looking upstream during fall 2014 inspection.

LM Start	<b>2.65</b>	Rating **	A/W	Issue No.	<b>8 (cont)</b>
LM End	<b>2.65</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA\_2015\_NA0017\_149\_8\_20150911\_00005.jpg



A pipe was found without a flap gate on waterside slope of the levee looking downstream. This pipe may predate the project.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Littlejohn Creek	Right	3.20	09/25/2015 09/25/2015	Pavel Kazi

LM Start	<b>3.16</b>	Rating **	M	Issue No.	<b>137</b>
LM End	<b>3.16</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.888582 °	37.888582 °
				-121.267511 °	-121.267511 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40346 DS_ID:17974 EP_NO: N/A FS_HLM: 3.178 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 1 of 1 : UCIP\_FA\_2015\_4033.jpg



LS view: an abandoned pump and appurtenances off the levee inside fenced private property.

<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**

**Unit Cover Sheet**

**Fall 2015 Levee Inspection Results**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles
Unit No. 06 SPRR Drain	Left	0.46

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	05/01/2015 - 05/01/2015		10/16/2015 - 10/16/2015	
DWR Inspector	Pavel Kazi		Pavel Kazi	
Accompanied By	Jay Jauregui SJCF&WCD		Jay Jauregui SJCF&WCD	
	Jim Caruso SJCF			

**Summer & Winter Inspections**

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

DWR must be informed on the:

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

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

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

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

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

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 SPRR Drain	Left	0.46	10/16/2015 10/16/2015	Pavel Kazi

LM Start	<b>0.06</b>	Rating **	M	Issue No.	<b>3</b>
LM End	<b>0.16</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.979193 °	37.979229 °	
			-121.097709 °	-121.095906 °	
DWR ID	DWR_NA0017_06_f_2015_3				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : FA\_2015\_NA0017\_150\_3\_20151023\_00001.jpg



View of the vegetation on the waterside of the levee.

LM Start	<b>0.19</b>	Rating **	M	Issue No.	<b>2</b>
LM End	<b>0.19</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.979243 °	37.979243 °	
			-121.095360 °	-121.095360 °	
DWR ID	DWR_NA0017_06_f_2015_2				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA\_2015\_NA0017\_150\_2\_20151023\_00002.jpg



A rodent hole was found on the waterside of the 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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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 SPRR Drain	Left	0.46	10/16/2015 10/16/2015	Pavel Kazi

LM Start	<b>0.49</b>	Rating **	M	Issue No.	<b>1</b>
LM End	<b>0.49</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.979495 °	37.979495 °
				-121.089996 °	-121.089996 °
DWR ID	DWR_NA0017_06_f_2015_1				
Action/Comments					
Inspector Comments: FS_ID:39403 DS_ID:17988 EP_NO:N/A >>> This site is 162 feet past the .457 LM end point of the levee. <<<< Repair Type:Non-Urgent Crossing Status:Found UCIP Comments:Flap gate won't close as pipe is filled with debris that blocks its operation. FIELD_STRUCT_DESC:30-inch pipe through plug across drain ditch 7.0 feet below the crown. Concrete "U" headwall on WS toe with a flap gate. FS_DATE:05/06/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_5942.jpg



Headwall and flapgate on WS toe.

LM Start	<b>0.49</b>	Rating **	M	Issue No.	<b>1 (cont)</b>
LM End	<b>0.49</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP\_FA\_2015\_5943.jpg



Headwall and flapgate on WS toe. Note gravel that fills pipe is preventing the gate from closing.

<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**

**Unit Cover Sheet**

**Fall 2015 Levee Inspection Results**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles
Unit No. 07 Bear Creek	Right	16.11

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>M</b>	
Date of Inspection	04/15/2015 - 04/16/2015		09/22/2015 - 09/24/2015	
DWR Inspector	Pavel Kazi		Pavel Kazi	
Accompanied By	Jay Jauregui SJCF&WCD		Jay Jauregui SJCF&WCD	

**Summer & Winter Inspections**

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

DWR must be informed on the:

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

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

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

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

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

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>0.18</b>	Rating **	M	Issue No.	<b>1</b>
LM End	<b>0.28</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.043682 °	38.043511 °	
			-121.370390 °	-121.368500 °	
DWR ID	DWR_NA0017_07_s_2012_1				
Action/Comments					
Fence Inspector Comments: The fence is within the 10 feet of levee easement.					



View of the fence along landside toe of the levee looking upstream.

LM Start	<b>0.69</b>	Rating **	C	Issue No.	<b>2</b>
LM End	<b>0.69</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.043468 °	38.043468 °	
			-121.361022 °	-121.361022 °	
DWR ID	DWR_NA0017_07_s_2013_2				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

No Photos

LM Start	<b>1.15</b>	Rating **	C	Issue No.	<b>74</b>
LM End	<b>1.15</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.043273 °	38.043273 °	
			-121.352491 °	-121.352491 °	
DWR ID	DWR_NA0017_07_f_2014_74				
Action/Comments					
Stairway					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>1.36</b>	Rating **	M	Issue No.	<b>1055</b>
LM End	<b>1.36</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.043302 °	38.043302 °
				-121.348728 °	-121.348728 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41957 DS_ID:25002 EP_NO: N/A FS_HLM: 1.606 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: Communication line of unknown size through the levee at unknown depth below the crown. 2'X3' concrete vault off LS shoulder. FS Date: 05/20/2014					

Photo 1 of 1 : UCIP\_FA\_2015\_6596.jpg



Possible communications vault off LS shoulder.

LM Start	<b>1.36</b>	Rating **	U	Issue No.	<b>1056</b>
LM End	<b>1.36</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.043308 °	38.043308 °
				-121.348721 °	-121.348721 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38067 DS_ID:23697 EP_NO: 15452 FS_HLM: 1.606 Repair Type: Urgent Crossing Status: Found UCIP Comments: Gasline should have clear markers at levee crossing. FIELD_STRUCT_DESC: 6-inch steel natural gas pipeline through the levee, 3.0-feet below the crown. Permit No. 15452, 1991. Gas pipeline bridge section (only) replaced due to widening of bridge under Permit No. 16150 (2004). FS Date: 05/20/2014					

Photo 1 of 1 : UCIP\_FA\_2015\_4751.jpg



Gasline visible on bridge.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>1.54</b>	Rating **	M	Issue No.	<b>76</b>
LM End	<b>1.54</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.043304 °	38.043304 °	
			-121.345485 °	-121.345485 °	
DWR ID	DWR_NA0017_07_f_2014_76				
Action/Comments					
Stairway					

Photo 1 of 1 : FA\_2015\_NA0017\_151\_76\_20150911\_00034.jpg



A stairway was found on the landside of the levee looking upstream.

LM Start	<b>1.66</b>	Rating **	C	Issue No.	<b>77</b>
LM End	<b>1.66</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.043288 °	38.043288 °	
			-121.343199 °	-121.343199 °	
DWR ID	DWR_NA0017_07_f_2014_77				
Action/Comments					
Prunings					

No Photos

LM Start	<b>1.68</b>	Rating **	M	Issue No.	<b>11</b>
LM End	<b>1.68</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.043276 °	38.043276 °	
			-121.342812 °	-121.342812 °	
DWR ID	DWR_NA0017_07_f_2013_11				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Runoff on the landside slope.					

Photo 1 of 1 : FA\_2015\_NA0017\_151\_11\_20150911\_00004.jpg



Runoff was discovered on the landside slope of the levee looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>1.90</b>	Rating **	M	Issue No.	<b>1057</b>
LM End	<b>1.90</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.043238 °	38.043238 °
				-121.338902 °	-121.338902 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:39712 DS_ID:23622 EP_NO: 15447 FS_HLM: 2.156 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Waterline needs to be marked at crossing through levee. FIELD_STRUCT_DESC: 12-inch steel water pipe through the levee, 11.0-feet below the crown. Shutoff valve on landward side. Valve in street next to intersection of Chaparral and Bowie Way south of Bear Creek. Pipe crosses through levee then runs parallel to toe to West. Permit No. 15447, 1991. FS Date: 05/20/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_6636.jpg



USAA paint on flood wall at WS shoulder.

Photo 2 of 2 : UCIP\_FA\_2015\_6638.jpg



USAA paint on flood wall at WS shoulder.

LM Start	<b>1.90</b>	Rating **	M	Issue No.	<b>1057 (cont)</b>
LM End	<b>1.90</b>	Issue Type +	En	Location *	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**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>2.01</b>	Rating **	M	Issue No.	<b>35</b>
LM End	<b>2.01</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.043243 °	38.043243 °
				-121.336780 °	-121.336780 °
DWR ID	DWR_NA0017_07_s_2015_35				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Runoff					

Photo 1 of 2 : FA\_2015\_NA0017\_151\_35\_20150928\_00062.jpg



Updated picture of the erosion on the landside of the levee during fall 2015 inspection.

LM Start	<b>2.01</b>	Rating **	M	Issue No.	<b>35 (cont)</b>
LM End	<b>2.01</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA\_2015\_NA0017\_151\_35\_20150911\_00012.jpg



Erosion caused by runoff on the landside of the levee looking upstream.

LM Start	<b>2.28</b>	Rating **	M	Issue No.	<b>1058</b>
LM End	<b>2.28</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.043191 °	38.043191 °
				-121.331860 °	-121.331860 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41969 DS_ID:25000 EP_NO: N/A FS_HLM: 2.551 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 2 : UCIP\_FA\_2015\_6593.jpg



Waterline and vent visible on upstream side of bridge.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	2.28	Rating **	M	Issue No.	1058 (cont)
LM End	2.28	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
			Start	End	
Item	DWR UCIP Field Study			38.043191 °	38.043191 °
				-121.331860 °	-121.331860 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41969 DS_ID:25000 EP_NO: N/A FS_HLM: 2.551 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 12-inch steel domestic water pipe through the levee, 2.0-feet below the crown. Pipe visible on upstream side of bridge. Vent on pipe at WS slope. FS Date: 05/20/2014					

Photo 2 of 2 : UCIP\_FA\_2015\_6594.jpg



Waterline and vent visible on upstream side of bridge.

LM Start	2.28	Rating **	U	Issue No.	1059
LM End	2.28	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
			Start	End	
Item	DWR UCIP Field Study			38.043154 °	38.043154 °
				-121.331793 °	-121.331793 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40144 DS_ID:23627 EP_NO: 14745 FS_HLM: 2.555 Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: Need to install markers for gasoline. Circular marker on bridge has been painted over (see pic). FIELD_STRUCT_DESC: 4-inch steel high pressure gas main through the levee, 3.0 feet below the crown. Cutoff wall around pipe under center of levee. Rock revetment on waterward slope. Permit No. 14745, 1987. FS Date: 05/20/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_2428.jpg



There is a circular marker on the bridge abutment that is typical of this type of crossing. However, it has been painted over.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>2.28</b>	Rating **	U	Issue No.	<b>1059 (cont)</b>
LM End	<b>2.28</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.043154 °	38.043154 °
				-121.331793 °	-121.331793 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40144 DS_ID:23627 EP_NO: 14745 FS_HLM: 2.555 Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: Need to install markers for gasoline. Circular marker on bridge has been painted over (see pic). FIELD_STRUCT_DESC: 4-inch steel high pressure gas main through the levee, 3.0 feet below the crown. Cutoff wall around pipe under center of levee. Rock revetment on waterward slope. Permit No. 14745, 1987. FS Date: 05/20/2014					

Photo 2 of 2 : UCIP\_FA\_2015\_2429.jpg



A marker installed on opposite bank at this alignment that is typical of a gasoline crossing in this area.

LM Start	<b>2.30</b>	Rating **	M	Issue No.	<b>1033</b>
LM End	<b>2.37</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.043175 °	38.043177 °
				-121.331472 °	-121.330183 °
DWR ID	DWR_NA0017_07_s_2012_1033				
Action/Comments					
Fence Inspector Comments: Wood & metal fences are within the 10 feet of levee easement.					

Photo 1 of 1 : FA\_2015\_NA0017\_151\_1033\_20150911\_00058.jpg



View of a wood fence adjacent to the landward toe looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>2.32</b>	Rating **	C	Issue No.	<b>81</b>
LM End	<b>2.32</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.043213 °	38.043213 °
				-121.331189 °	-121.331189 °
DWR ID	DWR_NA0017_07_f_2014_81				
Action/Comments					
Prunings					

No Photos

LM Start	<b>2.39</b>	Rating **	M	Issue No.	<b>50</b>
LM End	<b>2.39</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.043189 °	38.043189 °
				-121.329810 °	-121.329810 °
DWR ID	DWR_NA0017_07_s_2012_50				
Action/Comments					
Pool Inspector Comments: New pool being built without a permit. The top of the pool is outside of the assumed easement, but it is deep enough that it may need some attention.					

Photo 1 of 2 : FA\_2015\_NA0017\_151\_50\_20150911\_00022.jpg



View of the pool on the landside toe of the levee looking upstream during fall 2013 inspection.

LM Start	<b>2.39</b>	Rating **	M	Issue No.	<b>50 (cont)</b>
LM End	<b>2.39</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA\_2015\_NA0017\_151\_50\_20150911\_00023.jpg



View of a recently constructed pool looking landward.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>2.39</b>	Rating **	U	Issue No.	<b>26</b>
LM End	<b>2.40</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.043182 °	38.043179 °	
			-121.329790 °	-121.329613 °	
DWR ID	DWR_NA0017_07_s_2012_26				
Action/Comments					
Fence					

Photo 1 of 1 : FA\_2015\_NA0017\_151\_26\_20150911\_00008.jpg



A new fence was found on the landside toe of the levee looking upstream.

LM Start	<b>2.40</b>	Rating **	M	Issue No.	<b>1034</b>
LM End	<b>2.76</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.043160 °	38.043166 °	
			-121.329618 °	-121.323143 °	
DWR ID	DWR_NA0017_07_s_2012_1034				
Action/Comments					
Fence Inspector Comments: Metal fence					

Photo 1 of 1 : FA\_2015\_NA0017\_151\_1034\_20150911\_00059.jpg



View of a metal fence adjacent to the landward toe looking upstream.

LM Start	<b>2.56</b>	Rating **	M	Issue No.	<b>8</b>
LM End	<b>2.84</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.043156 °	38.043167 °	
			-121.326670 °	-121.321592 °	
DWR ID	DWR_NA0017_07_s_2013_8				
Action/Comments					
Fence					

Photo 1 of 1 : FA\_2015\_NA0017\_151\_8\_20150911\_00003.jpg



Fences were found on the landside toe of the levee looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>2.71</b>	Rating **	M	Issue No.	<b>83</b>
LM End	<b>2.71</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.043189 °	38.043189 °	
			-121.323881 °	-121.323881 °	
DWR ID	DWR_NA0017_07_f_2014_83				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA\_2015\_NA0017\_151\_83\_20150911\_00037.jpg



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

LM Start	<b>2.88</b>	Rating **	M	Issue No.	<b>778</b>
LM End	<b>3.06</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.043164 °	38.043160 °	
			-121.320946 °	-121.317532 °	
DWR ID	DWR_NA0017_07_s_2012_778				
Action/Comments					
Ditch Inspector Comments: Farmer discing the toe of the levee.					

Photo 1 of 2 : FA\_2015\_NA0017\_151\_778\_20150911\_00053.jpg



Updated picture of the toe cutting on the landside toe of the levee looking upstream.

LM Start	<b>2.88</b>	Rating **	M	Issue No.	<b>778 (cont)</b>
LM End	<b>3.06</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA\_2015\_NA0017\_151\_778\_20150911\_00054.jpg



Farmer discing the toe of the landside of the levee looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>3.08</b>	Rating **	M	Issue No.	<b>1060</b>
LM End	<b>3.08</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.043209 °	38.043209 °
				-121.317107 °	-121.317107 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:37995 DS_ID:23530 EP_NO: N/A FS_HLM: 3.38 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 1 of 1 : UCIP\_FA\_2015\_6572.jpg



Gasline marker off LS toe.

LM Start	<b>3.34</b>	Rating **	C	Issue No.	<b>86</b>
LM End	<b>3.34</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.043126 °	38.043126 °
				-121.312462 °	-121.312462 °
DWR ID	DWR_NA0017_07_f_2014_86				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	<b>3.48</b>	Rating **	C	Issue No.	<b>24</b>
LM End	<b>3.48</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.043025 °	38.043025 °
				-121.309918 °	-121.309918 °
DWR ID	DWR_NA0017_07_f_2013_24				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Runoff was discovered.					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>3.79</b>	Rating **	M	Issue No.	<b>70</b>
LM End	<b>3.89</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.042963 °	38.042990 °	
			-121.304235 °	-121.302329 °	
DWR ID	DWR_NA0017_07_f_2012_70				
Action/Comments					
Ditch					

Photo 1 of 1 : FA\_2015\_NA0017\_151\_70\_20150911\_00031.jpg



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

LM Start	<b>4.29</b>	Rating **	M	Issue No.	<b>1061</b>
LM End	<b>4.29</b>	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.044651 °	38.044651 °	
			-121.295592 °	-121.295592 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:37980 DS_ID:23677 EP_NO: N/A FS_HLM: 4.62 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: *DELETE*18-inch pipe through the levee, 10.4 feet below the crown. Slide gate on the landward end. O&M Manual Bear Creek Part 1, June 1965. FS Date: 05/15/2014					

No Photos

LM Start	<b>4.32</b>	Rating **	M	Issue No.	<b>37</b>
LM End	<b>4.32</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.044853 °	38.044853 °	
			-121.295143 °	-121.295143 °	
DWR ID	DWR_NA0017_07_f_2015_37				
Action/Comments					
Debris					

Photo 1 of 1 : FA\_2015\_NA0017\_151\_37\_20150928\_00063.jpg



Debris was found on the waterside toe of the levee looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>4.95</b>	Rating **	M	Issue No.	<b>1062</b>
LM End	<b>4.95</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.050425 °	38.050425 °
				-121.286887 °	-121.286887 °
DWR ID					

**Action/Comments**

Inspector Comments: FS\_ID:39716  
 DS\_ID:23542  
 EP\_NO: N/A  
 FS\_HLM: 5.286  
 Repair Type: Non-Urgent  
 Crossing Status: Indicator Found  
 UCIP Comments: Crossing through levee appears abandoned and if so should be done so properly. Unclear exactly where pipe crosses.  
 FIELD\_STRUCT\_DESC: 10-inch steel irrigation pipe through the levee, 2.5-feet below the crown. Pump mounted on the concrete base on landward side. Irrigation well and concrete distribution box on landward side 10.0 feet from the toe. 60-inch concrete standpipe on LS toe.  
 O&M Manual Bear Creek Part 1, June 1965.  
 FS Date: 05/15/2014

Photo 1 of 3 : UCIP\_FA\_2015\_4758.jpg



2 pumps on LS toe over concrete bases. Unclear exactly where pipe crosses.

LM Start	<b>4.95</b>	Rating **	M	Issue No.	<b>1062 (cont)</b>
LM End	<b>4.95</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_6667.jpg



Abandoned distribution box on LS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>4.95</b>	Rating **	M	Issue No.	<b>1062 (cont)</b>
LM End	<b>4.95</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.050425 °	38.050425 °
				-121.286887 °	-121.286887 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39716 DS_ID:23542 EP_NO: N/A FS_HLM: 5.286 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP\_FA\_2015\_6668.jpg



60-inch concrete standpipe on LS toe.

LM Start	<b>4.97</b>	Rating **	M	Issue No.	<b>1063</b>
LM End	<b>4.97</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.050700 °	38.050700 °
				-121.286552 °	-121.286552 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41807 DS_ID:23678 EP_NO: N/A FS_HLM: 5.313 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Some silt buildup in pipe. FIELD_STRUCT_DESC: 2 of 2: 36-inch CM stormdrain pipe through the levee, 8.9 feet below the crown. Concrete "U" headwall on both ends. Flap gate on the waterward end. Grouted intake on the landward side. Cobble grouted spillway across the berm. O&M Manual Bear Creek Part 1, June 1965. FS Date: 05/15/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_4755.jpg



Headwall at LS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>4.97</b>	Rating **	M	Issue No.	<b>1063 (cont)</b>
LM End	<b>4.97</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.050700 °	38.050700 °
				-121.286552 °	-121.286552 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:41807 DS_ID:23678 EP_NO: N/A FS_HLM: 5.313 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Some silt buildup in pipe. FIELD_STRUCT_DESC: 2 of 2: 36-inch CM stormdrain pipe through the levee, 8.9 feet below the crown. Concrete "U" headwall on both ends. Flap gate on the waterward end. Grouted intake on the landward side. Cobble grouted spillway across the berm. O&M Manual Bear Creek Part 1, June 1965. FS Date: 05/15/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_4756.jpg



Headwall and flapgate on WS toe.

LM Start	<b>4.97</b>	Rating **	M	Issue No.	<b>1063 (cont)</b>
LM End	<b>4.97</b>	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_4757.jpg



Concrete headwall on LS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>5.50</b>	Rating **	M	Issue No.	<b>73</b>
LM End	<b>5.50</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.052753 °	38.052753 °
				-121.277680 °	-121.277680 °
DWR ID	DWR_NA0017_07_f_2012_73				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Erosion caused by vehicle, and the slopes are stable.					

Photo 1 of 1 : FA\_2015\_NA0017\_151\_73\_20150911\_00033.jpg



Slope instability was found on the landside of the levee looking upstream.

LM Start	<b>5.50</b>	Rating **	M	Issue No.	<b>1064</b>
LM End	<b>5.50</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.052795 °	38.052795 °
				-121.277538 °	-121.277538 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41407 DS_ID:24998 EP_NO: N/A FS_HLM: 5.857 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: Gasline through the levee at an unknown depth below the crown. Gasline markers along the west side of the railroad tracks. FS Date: 05/15/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6591.jpg



Petroleum pipeline markers on west side of railroad tracks.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	5.50	Rating **	M	Issue No.	1064 (cont)
LM End	5.50	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.052795 °	38.052795 °
				-121.277538 °	-121.277538 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:41407 DS_ID:24998 EP_NO: N/A FS_HLM: 5.857 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: Gasline through the levee at an unknown depth below the crown. Gasline markers along the west side of the railroad tracks. FS Date: 05/15/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_6592.jpg



Petroleum pipeline markers on west side of railroad tracks.

LM Start	5.50	Rating **	M	Issue No.	1064 (cont)
LM End	5.50	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_FA\_2015\_6595.jpg



Petroleum pipeline markers on west side of railroad tracks on LS of levee.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>5.52</b>	Rating **	M	Issue No.	<b>1065</b>
LM End	<b>5.52</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.052797 °	38.052797 °
				-121.277231 °	-121.277231 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41801 DS_ID:23545 EP_NO: N/A FS_HLM: 5.874 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_6716.jpg



Headwall on LS toe.

LM Start	<b>5.52</b>	Rating **	M	Issue No.	<b>1065 (cont)</b>
LM End	<b>5.52</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_6717.jpg



Headwall on LS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>5.52</b>	Rating **	M	Issue No.	<b>1065 (cont)</b>
LM End	<b>5.52</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.052797 °	38.052797 °
				-121.277231 °	-121.277231 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41801 DS_ID:23545 EP_NO: N/A FS_HLM: 5.874 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_6718.jpg



Headwall and flaggate on WS toe.

LM Start	<b>5.53</b>	Rating **	M	Issue No.	<b>43</b>
LM End	<b>5.53</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.052794 °	38.052794 °
				-121.277035 °	-121.277035 °
DWR ID	DWR_NA0017_07_f_2013_43				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Runoff on the landside.					

Photo 1 of 1 : FA\_2015\_NA0017\_151\_43\_20150911\_00017.jpg



Runoff was found on the landside slope of the levee looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>5.59</b>	Rating **	M	Issue No.	<b>1066</b>
LM End	<b>5.59</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.052793 °	38.052793 °
				-121.275858 °	-121.275858 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40213 DS_ID:23546 EP_NO: N/A FS_HLM: 5.951 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Inlet burried at LS toe. Pipe may be abandoned and if so should be done so properly. FIELD_STRUCT_DESC: 36-inch CM stormdrain pipe through the levee, 7.9-feet below the crown. Concrete "U" headwall on the waterward end. Concrete headwall on the landward side. Flap gate on the waterward end. Cobble grouted spillway across the berm. O&M Manual Bear Creek Part 1, June 1965. FS Date: 05/15/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_6714.jpg



Headwall and flapgate at WS toe.

LM Start	<b>5.59</b>	Rating **	M	Issue No.	<b>1066 (cont)</b>
LM End	<b>5.59</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP\_FA\_2015\_6715.jpg



Headwall and flapgate at WS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>5.60</b>	Rating **	M	Issue No.	<b>1067</b>
LM End	<b>5.60</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.052792 °	38.052792 °
				-121.275822 °	-121.275822 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40147 DS_ID:25049 EP_NO: 15091 FS_HLM: 5.953 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 2 : UCIP\_FA\_2015\_2430.jpg



Pipe with temporary pressure seal installed at LS toe. WS not visible.

LM Start	<b>5.60</b>	Rating **	M	Issue No.	<b>1067 (cont)</b>
LM End	<b>5.60</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP\_FA\_2015\_2431.jpg



Two pipes connected at Y on LS before entering 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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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>5.88</b>	Rating **	A/W	Issue No.	<b>22 (cont)</b>
LM End	<b>5.88</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.053609 °	38.053609 °
				-121.270838 °	-121.270838 °
DWR ID	DWR_NA0017_07_s_2012_22				
Action/Comments					
Ditch Inspector Comments: Woodbridge irrigation dug 20 feet wide channel 20 feet away from the toe of the levee. For details, please see Field Investigation Report #4581. According to their calculations, the ditch is away from the levee prism.					

Photo 2 of 2 : FA\_2015\_NA0017\_151\_22\_20150911\_00006.jpg



A 20 feet wide channel was dug on the landside of the levee looking upstream.

LM Start	<b>5.93</b>	Rating **	M	Issue No.	<b>1068</b>
LM End	<b>5.93</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.053679 °	38.053679 °
				-121.269812 °	-121.269812 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41802 DS_ID:23551 EP_NO: N/A FS_HLM: 6.298 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Sediment buildup in pipe at LS toe. FIELD_STRUCT_DESC: 24-inch CM stormdrain pipe through the levee, 5.5-feet below the crown. Concrete "U" headwalls on both ends. Flap gate on the waterward end. Grouted intake on the landward side. Cobble grouted spillway across the berm. O&M Manual Bear Creek Part 1, June 1965. Included in O&M Manual Bear Creek Addendum, February 1999. FS Date: 05/15/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6711.jpg



Headwall on LS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	5.93	Rating **	M	Issue No.	1068 (cont)
LM End	5.93	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.053679 °	38.053679 °
				-121.269812 °	-121.269812 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41802 DS_ID:23551 EP_NO: N/A FS_HLM: 6.298 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Sediment buildup in pipe at LS toe. FIELD_STRUCT_DESC: 24-inch CM stormdrain pipe through the levee, 5.5-feet below the crown. Concrete "U" headwalls on both ends. Flap gate on the waterward end. Grouted intake on the landward side. Cobble grouted spillway across the berm. O&M Manual Bear Creek Part 1, June 1965. Included in O&M Manual Bear Creek Addendum, February 1999. FS Date: 05/15/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_6712.jpg



Headwall on LS toe.

LM Start	5.93	Rating **	M	Issue No.	1068 (cont)
LM End	5.93	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_6713.jpg



Headwall and flapgate on WS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>5.97</b>	Rating **	C	Issue No.	<b>93</b>
LM End	<b>5.97</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.053816 °	38.053816 °
				-121.269136 °	-121.269136 °
DWR ID	DWR_NA0017_07_f_2014_93				
Action/Comments					
Debris Inspector Comments: The hole was drilled for testing purpose on the landside toe of the levee.					

No Photos

LM Start	<b>6.03</b>	Rating **	C	Issue No.	<b>87</b>
LM End	<b>6.03</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.054191 °	38.054191 °
				-121.268250 °	-121.268250 °
DWR ID	DWR_NA0017_07_f_2014_87				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	<b>6.47</b>	Rating **	M	Issue No.	<b>1072</b>
LM End	<b>6.47</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.057544 °	38.057544 °
				-121.262183 °	-121.262183 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40149 DS_ID:25041 EP_NO: N/A FS_HLM: 6.849 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Determine if pipe crosses through levees. FIELD_STRUCT_DESC: Gasline of unknown size apparently through the levee at an unknown depth below the crown. Vaults and vents off LS toe. Gate valves on LS of opposite bank. FS Date: 05/15/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_2456.jpg



Signage on opposite levee may indicate a crossing at this point.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>6.47</b>	Rating **	M	Issue No.	<b>1072 (cont)</b>
LM End	<b>6.47</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.057544 °	38.057544 °
				-121.262183 °	-121.262183 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40149 DS_ID:25041 EP_NO: N/A FS_HLM: 6.849 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Determine if pipe crosses through levees. FIELD_STRUCT_DESC: Gasline of unknown size apparently through the levee at an unknown depth below the crown. Vaults and vents off LS toe. Gate valves on LS of opposite bank. FS Date: 05/15/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_2457.jpg



Access lid between vault and levee crown.

LM Start	<b>6.47</b>	Rating **	M	Issue No.	<b>1072 (cont)</b>
LM End	<b>6.47</b>	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_FA\_2015\_2458.jpg



Vault, 400-feet west of levee crown.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>6.48</b>	Rating **	M	Issue No.	<b>1073</b>
LM End	<b>6.48</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.057586 °	38.057586 °
				-121.262166 °	-121.262166 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41803 DS_ID:23556 EP_NO: N/A FS_HLM: 6.852 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_6573.jpg



Headwall, pipe, flapgates, and grouted spillway on WS toe.

LM Start	<b>6.48</b>	Rating **	M	Issue No.	<b>1073 (cont)</b>
LM End	<b>6.48</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_6574.jpg



Inside pipe at LS toe. Note silt buildup inside pipe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>6.48</b>	Rating **	M	Issue No.	<b>1073 (cont)</b>
LM End	<b>6.48</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.057586 °	38.057586 °
				-121.262166 °	-121.262166 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41803 DS_ID:23556 EP_NO: N/A FS_HLM: 6.852 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_6575.jpg



Pipe and headwall on LS toe.

LM Start	<b>6.60</b>	Rating **	M	Issue No.	<b>40</b>
LM End	<b>6.60</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.059303 °	38.059303 °
				-121.261736 °	-121.261736 °
DWR ID	DWR_NA0017_07_f_2015_40				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA\_2015\_NA0017\_151\_40\_20150928\_00064.jpg



Rodent holes were found on the landside slope of the levee looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>6.74</b>	Rating **	U	Issue No.	<b>1074</b>
LM End	<b>6.74</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.060903 °	38.060903 °
				-121.260002 °	-121.260002 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39743 DS_ID:23558 EP_NO: 4286A FS_HLM: 7.129 Repair Type: Urgent Crossing Status: Not Found UCIP Comments: Need to have PG&E locate and permanently mark gasoline crossing. FIELD_STRUCT_DESC: 8-inch high pressure gas main through the levee, 3.7 feet below the crown. No marker visible. Application No. 4286, 1963. Included in O&M Manual Bear Creek Part 1, June 1965. FS Date: 05/22/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_6220.jpg



No signs or markers found on either levee.

Photo 2 of 2 : UCIP\_FA\_2015\_6266.jpg



No signs or markers found on either levee.

LM Start	<b>6.74</b>	Rating **	U	Issue No.	<b>1074 (cont)</b>
LM End	<b>6.74</b>	Issue Type +	En	Location *	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**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>7.09</b>	Rating **	M	Issue No.	<b>63</b>
LM End	<b>7.09</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.063929 °	38.063929 °	
			-121.254950 °	-121.254950 °	
DWR ID	DWR_NA0017_07_s_2015_63				
Action/Comments					
Repair slope instability. Inspector Comments: Runoff					

Photo 1 of 1 : FA\_2015\_NA0017\_151\_63\_20150911\_00030.jpg



Slope instability was found on the landside of the levee looking upstream.

LM Start	<b>7.33</b>	Rating **	M	Issue No.	<b>102</b>
LM End	<b>7.33</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.064983 °	38.064983 °	
			-121.251043 °	-121.251043 °	
DWR ID	DWR_NA0017_07_f_2014_102				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Runoff					

Photo 1 of 1 : FA\_2015\_NA0017\_151\_102\_20150911\_00048.jpg



View of erosion caused by runoff found on the landside of the levee looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>8.34</b>	Rating **	M	Issue No.	<b>1075</b>
LM End	<b>8.34</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.067959 °	38.067959 °
				-121.233443 °	-121.233443 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:37826 DS_ID:23572 EP_NO: N/A FS_HLM: 8.767 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: A gap at the joint between pipe sections was noted inside pipe at LS toe. This may indicate a need for further maintenance. FIELD_STRUCT_DESC: 36-inch CM stormdrain pipe through the levee, 7.0-feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the landward end. O&M Manual Bear Creek Part 2, 1967. FS Date: 05/14/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6408.jpg



Headwall, pipe, flapgate, and grouted spillway on WS toe.

LM Start	<b>8.34</b>	Rating **	M	Issue No.	<b>1075 (cont)</b>
LM End	<b>8.34</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_6409.jpg



Inside pipe at LS toe. Note gap at joint between pipes.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>8.34</b>	Rating **	M	Issue No.	<b>1075 (cont)</b>
LM End	<b>8.34</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.067959 °	38.067959 °
				-121.233443 °	-121.233443 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:37826 DS_ID:23572 EP_NO: N/A FS_HLM: 8.767 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_6410.jpg



Pipe and headwall on LS toe.

LM Start	<b>8.34</b>	Rating **	M	Issue No.	<b>1076</b>
LM End	<b>8.34</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.067971 °	38.067971 °
				-121.233350 °	-121.233350 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:37825 DS_ID:23573 EP_NO: N/A FS_HLM: 8.772 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Some gaps in Joints between pipe sections noted inside pipe on LS toe. May indicate a need for further maintenance. FIELD_STRUCT_DESC: 24-inch CM stormdrain pipe through the levee, 6.5-feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the landward end. O&M Manual Bear Creek Part 2, 1967. FS Date: 05/14/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6243.jpg



Pipe, headwall, and flapgate on WS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	8.34	Rating **	M	Issue No.	1076 (cont)
LM End	8.34	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.067971 °	38.067971 °
				-121.233350 °	-121.233350 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:37825 DS_ID:23573 EP_NO: N/A FS_HLM: 8.772 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Some gaps in Joints between pipe sections noted inside pipe on LS toe. May indicate a need for further maintenance. FIELD_STRUCT_DESC: 24-inch CM stormdrain pipe through the levee, 6.5-feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the landward end. O&M Manual Bear Creek Part 2, 1967. FS Date: 05/14/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_6244.jpg



Pipe, headwall, flapgate, and grouted spillway on WS toe.

LM Start	8.34	Rating **	M	Issue No.	1076 (cont)
LM End	8.34	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_6407.jpg



Pipe and headwall on LS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>8.40</b>	Rating **	M	Issue No.	<b>41</b>
LM End	<b>8.40</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.068208 °	38.068208 °	
			-121.232296 °	-121.232296 °	
DWR ID	DWR_NA0017_07_f_2015_41				
Action/Comments					
Prunings					

No Photos

LM Start	<b>8.44</b>	Rating **	M	Issue No.	<b>29</b>
LM End	<b>8.44</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.068319 °	38.068319 °	
			-121.231559 °	-121.231559 °	
DWR ID	DWR_NA0017_07_s_2012_29				
Action/Comments					
Prunings Inspector Comments: Burn pile has been burned but new material has been placed.					

Photo 1 of 1 : FA\_2015\_NA0017\_151\_29\_20150911\_00009.jpg



View of prunings found on the landside of the levee looking upstream.

LM Start	<b>8.62</b>	Rating **	M	Issue No.	<b>67</b>
LM End	<b>8.62</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.069519 °	38.069519 °	
			-121.228713 °	-121.228713 °	
DWR ID	DWR_NA0017_07_s_2015_67				
Action/Comments					
Prunings					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>8.74</b>	Rating **	M	Issue No.	<b>31</b>
LM End	<b>8.74</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.070231 °	38.070231 °	
			-121.226677 °	-121.226677 °	
DWR ID	DWR_NA0017_07_s_2012_31				
Action/Comments					
Prunings Inspector Comments: Burn pile has been burned but new material has been placed.					

Photo 1 of 2 : FA\_2015\_NA0017\_151\_31\_20150911\_00010.jpg



Updated picture of the burning piles on the landside of the levee looking upstream.

LM Start	<b>8.74</b>	Rating **	M	Issue No.	<b>31 (cont)</b>
LM End	<b>8.74</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA\_2015\_NA0017\_151\_31\_20150911\_00011.jpg



Burn piles on the landside of the levee. The picture was taken from the crown of the levee looking upstream.

LM Start	<b>9.52</b>	Rating **	M	Issue No.	<b>103</b>
LM End	<b>9.52</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.073712 °	38.073712 °	
			-121.214236 °	-121.214236 °	
DWR ID	DWR_NA0017_07_f_2014_103				
Action/Comments					
Repair slope instability.					

Photo 1 of 1 : FA\_2015\_NA0017\_151\_103\_20150911\_00049.jpg



View of a slope instability found on the landside of the levee looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>9.54</b>	Rating **	C	Issue No.	<b>104</b>
LM End	<b>9.54</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.073812 °	38.073812 °
				-121.213770 °	-121.213770 °
DWR ID	DWR_NA0017_07_f_2014_104				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Runoff					

No Photos

LM Start	<b>9.65</b>	Rating **	U	Issue No.	<b>80</b>
LM End	<b>9.65</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.070458 °	38.070458 °
				-121.218596 °	-121.218596 °
DWR ID	DWR_NA0017_07_s_2012_80				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Beaver den in the waterward berm visible from the opposite bank.					

Photo 1 of 1 : FA\_2015\_NA0017\_151\_80\_20150911\_00035.jpg



View of a large hole and several smaller holes from across the channel.

LM Start	<b>9.68</b>	Rating **	M	Issue No.	<b>48</b>
LM End	<b>10.15</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.074323 °	38.078813 °
				-121.211309 °	-121.205763 °
DWR ID	DWR_NA0017_07_s_2012_48				
Action/Comments					
Fence					

Photo 1 of 1 : FA\_2015\_NA0017\_151\_48\_20150911\_00020.jpg



View of fences found on the landside toe of the levee looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>9.73</b>	Rating **	N	Issue No.	<b>45</b>
LM End	<b>9.73</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.074509 °	38.074509 °
				-121.210489 °	-121.210489 °
DWR ID	DWR_NA0017_07_s_2012_45				
Action/Comments					
Tree stumps.					

No Photos

LM Start	<b>9.76</b>	Rating **	N	Issue No.	<b>46</b>
LM End	<b>9.76</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.074613 °	38.074613 °
				-121.209882 °	-121.209882 °
DWR ID	DWR_NA0017_07_s_2012_46				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : FA\_2015\_NA0017\_151\_46\_20150911\_00019.jpg



View of tree stumps found on the landside of the levee looking upstream.

LM Start	<b>9.92</b>	Rating **	C	Issue No.	<b>89</b>
LM End	<b>9.92</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.076529 °	38.076529 °
				-121.208658 °	-121.208658 °
DWR ID	DWR_NA0017_07_f_2014_89				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Runoff					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>9.98</b>	Rating **	M	Issue No.	<b>1077</b>
LM End	<b>9.98</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.077230 °	38.077230 °
				-121.208208 °	-121.208208 °
DWR ID					

**Action/Comments**

Inspector Comments: FS\_ID:41804  
 DS\_ID:23585  
 EP\_NO: N/A  
 FS\_HLM: 10.446  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: Some silt buildup in pipe.  
 FIELD\_STRUCT\_DESC: 24-inch CM stormdrain pipe through the levee, 7.5-feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Cobble grouted spillway across the berm. O&M Manual Bear Creek Part 2, 1967. Included in O&M Manual Bear Creek Addendum, February 1999.  
 FS Date: 05/14/2014

LM Start	<b>9.98</b>	Rating **	M	Issue No.	<b>1077 (cont)</b>
LM End	<b>9.98</b>	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP\_FA\_2015\_6653.jpg



Pipe and headwall on LS toe.

Photo 2 of 3 : UCIP\_FA\_2015\_6654.jpg



Pipe and headwall on LS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>9.98</b>	Rating **	M	Issue No.	<b>1077 (cont)</b>
LM End	<b>9.98</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.077230 °	38.077230 °
				-121.208208 °	-121.208208 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41804 DS_ID:23585 EP_NO: N/A FS_HLM: 10.446 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_6655.jpg



Headwall, pipe, flapgate, and grouted spillway on WS toe.

LM Start	<b>10.17</b>	Rating **	C	Issue No.	<b>85</b>
LM End	<b>10.17</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.079022 °	38.079022 °
				-121.205413 °	-121.205413 °
DWR ID	DWR_NA0017_07_s_2015_85				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>10.65</b>	Rating **	M	Issue No.	<b>1078</b>
LM End	<b>10.65</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.082589 °	38.082589 °
				-121.198521 °	-121.198521 °
DWR ID					

**Action/Comments**

Inspector Comments: FS\_ID:41805  
 DS\_ID:23587  
 EP\_NO: N/A  
 FS\_HLM: 11.136  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: Silt buildup in pipe at LS toe.  
 FIELD\_STRUCT\_DESC: 24-inch CM stormdrain pipe through the levee, 6.5-feet below the crown. Flap gate on the waterward end. Concrete "U" headwall on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the waterward end. O&M Manual Bear Creek Part 2, 1967.  
 FS Date: 05/14/2014

LM Start	<b>10.65</b>	Rating **	M	Issue No.	<b>1078 (cont)</b>
LM End	<b>10.65</b>	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP\_FA\_2015\_6547.jpg



Pipe, flapgate, and headwall on WS toe.

Photo 2 of 3 : UCIP\_FA\_2015\_6548.jpg



Pipe, flapgate, headwall, and grouted spillway on WS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>10.65</b>	Rating **	M	Issue No.	<b>1078 (cont)</b>
LM End	<b>10.65</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.082589 °	38.082589 °
				-121.198521 °	-121.198521 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41805 DS_ID:23587 EP_NO: N/A FS_HLM: 11.136 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_6549.jpg



Pipe and headwall on LS toe.

LM Start	<b>11.08</b>	Rating **	C	Issue No.	<b>106</b>
LM End	<b>11.08</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.086375 °	38.086375 °
				-121.192541 °	-121.192541 °
DWR ID	DWR_NA0017_07_f_2014_106				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: runoff					

No Photos

LM Start	<b>11.24</b>	Rating **	M	Issue No.	<b>44</b>
LM End	<b>11.24</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.086900 °	38.086900 °
				-121.189617 °	-121.189617 °
DWR ID	DWR_NA0017_07_f_2013_44				
Action/Comments					
Prunings					

Photo 1 of 1 : FA\_2015\_NA0017\_151\_44\_20150911\_00018.jpg



Prunings were found on the landside of the levee looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	11.65	Rating **	M	Issue No.	1079
LM End	11.65	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.091106 °	38.091106 °	
			-121.185094 °	-121.185094 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40205 DS_ID:23591 EP_NO: N/A FS_HLM: 12.153 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe rusted through at connection to slide gate inside standpipe (see picture). FIELD_STRUCT_DESC: 12-inch steel siphon pipe through the levee, 8.0 feet below the crown. Slide gate in CMP riser on the waterward slope. Concrete standpipe on the landward side. Siphon cleanout in center of channel. O&M Manual Bear Creek Part 2, 1967. FS Date: 05/14/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6525.jpg



Slide gate in CMP riser on WS slope.

LM Start	11.65	Rating **	M	Issue No.	1079 (cont)
LM End	11.65	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_6526.jpg



Concrete standpipe off LS toe.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>11.65</b>	Rating **	M	Issue No.	<b>1079 (cont)</b>
LM End	<b>11.65</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.091106 °	38.091106 °
				-121.185094 °	-121.185094 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40205 DS_ID:23591 EP_NO: N/A FS_HLM: 12.153 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_6527.jpg



Pipe rusted through at connection to slide gate on WS slope.

LM Start	<b>11.71</b>	Rating **	M	Issue No.	<b>49</b>
LM End	<b>12.72</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.091665 °	38.101502 °
				-121.184428 °	-121.177753 °
DWR ID	DWR_NA0017_07_f_2012_49				
Action/Comments					
Fence					

Photo 1 of 1 : FA\_2015\_NA0017\_151\_49\_20150911\_00021.jpg



Fence was found on the landside toe of the levee looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	11.78	Rating **	M	Issue No.	1080
LM End	11.78	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.092076 °	38.092076 °
				-121.183118 °	-121.183118 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:37753 DS_ID:23593 EP_NO: N/A FS_HLM: 12.286 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Some rocky debris buildup inside pipe on LS toe. FIELD_STRUCT_DESC: 24-inch CM pipe through the levee, 8.5-feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the landward end. O&M Manual Bear Creek Part 2, 1967. FS Date: 05/14/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6522.jpg



Pipe and headwall on LS toe.

LM Start	11.78	Rating **	M	Issue No.	1080 (cont)
LM End	11.78	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_6523.jpg



Pipe, flapgate, headwall, and grouted spillway on WS toe.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>11.78</b>	Rating **	M	Issue No.	<b>1080 (cont)</b>
LM End	<b>11.78</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.092076 °	38.092076 °
				-121.183118 °	-121.183118 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:37753 DS_ID:23593 EP_NO: N/A FS_HLM: 12.286 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_6524.jpg



Pipe and headwall on LS toe.

LM Start	<b>12.31</b>	Rating **	M	Issue No.	<b>47</b>
LM End	<b>12.31</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.095915 °	38.095915 °
				-121.176657 °	-121.176657 °
DWR ID	DWR_NA0017_07_f_2015_47				
Action/Comments					
Stairway					

Photo 1 of 1 : FA\_2015\_NA0017\_151\_47\_20150928\_00065.jpg



Stairway was found on the landside of the levee looking upstream.

LM Start	<b>12.37</b>	Rating **	C	Issue No.	<b>107</b>
LM End	<b>12.37</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.096788 °	38.096788 °
				-121.176614 °	-121.176614 °
DWR ID	DWR_NA0017_07_f_2014_107				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>12.53</b>	Rating **	M	Issue No.	<b>1081</b>
LM End	<b>12.53</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.099065 °	38.099065 °
				-121.176315 °	-121.176315 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:37726 DS_ID:23511 EP_NO: N/A FS_HLM: 13.046 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and if so should be done so properly. No actuator for slide gate and no cover for standpipe = attractive nuisance/hazard. FIELD_STRUCT_DESC: 36-inch CM irrigation outlet pipe through the levee, 8.0-feet below the crown. Pipe open on both ends. Slide gate in CM riser on the waterward slope. Concrete "U" headwall on the waterward end. Cobble grouted around headwall. O&M Manual Bear Creek Part 2, 1967. FS Date: 05/14/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6361.jpg



Pipe at inlet off LS toe.

LM Start	<b>12.53</b>	Rating **	M	Issue No.	<b>1081 (cont)</b>
LM End	<b>12.53</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_6362.jpg



Pipe and headwall on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>12.53</b>	Rating **	M	Issue No.	<b>1081 (cont)</b>
LM End	<b>12.53</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.099065 °	38.099065 °
				-121.176315 °	-121.176315 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:37726 DS_ID:23511 EP_NO: N/A FS_HLM: 13.046 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_6363.jpg



Pipe and headwall on WS slope.

LM Start	<b>12.54</b>	Rating **	M	Issue No.	<b>42</b>
LM End	<b>12.54</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.099206 °	38.099206 °
				-121.176350 °	-121.176350 °
DWR ID	DWR_NA0017_07_s_2012_42				
Action/Comments					
Landscaping Inspector Comments: Cacti on landward toe and through fence.					

Photo 1 of 1 : FA\_2015\_NA0017\_151\_42\_20150911\_00016.jpg



Cacti were found on the toe of landside of the levee looking upstream.

LM Start	<b>12.84</b>	Rating **	M	Issue No.	<b>38</b>
LM End	<b>12.96</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.103297 °	38.104991 °
				-121.177588 °	-121.177134 °
DWR ID	DWR_NA0017_07_s_2012_38				
Action/Comments					
Crops Inspector Comments: Grape vines on the levee toe.					

Photo 1 of 1 : FA\_2015\_NA0017\_151\_38\_20150911\_00014.jpg



Grape vines within 10' from landside toe of levee.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>12.98</b>	Rating **	M	Issue No.	<b>1082</b>
LM End	<b>12.98</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.105190 °	38.105190 °
				-121.177050 °	-121.177050 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:37700 DS_ID:23595 EP_NO: N/A FS_HLM: 13.499 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Facility appears abandoned and if so should be done so properly. FIELD_STRUCT_DESC: 1 of 3: 12-inch steel irrigation pipe through the levee 3.0-feet below the crown. Concrete cutoff wall on waterward end. 6-foot diameter concrete sump on the waterward berm. Pump mounted on top of sump. 36-inch C.M. intake pipe from channel to sump. 36-inch concrete standpipe on the landward slope. Switch panel on the landward side. Concrete "U" headwall with trash rack on the waterward end. O&M Manual Bear Creek Part 2, 1967. Pumping plant and sump installed under Permit No. 4854 (1967). FS Date: 05/14/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6358.jpg



Headwall on WS toe.

LM Start	<b>12.98</b>	Rating **	M	Issue No.	<b>1082 (cont)</b>
LM End	<b>12.98</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_6359.jpg



Pump and pipe with butterfly valve at right.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>12.98</b>	Rating **	M	Issue No.	<b>1082 (cont)</b>
LM End	<b>12.98</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.105190 °	38.105190 °
				-121.177050 °	-121.177050 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:37700 DS_ID:23595 EP_NO: N/A FS_HLM: 13.499 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_6360.jpg



Concrete standpipe at left.

LM Start	<b>12.98</b>	Rating **	M	Issue No.	<b>1083</b>
LM End	<b>12.98</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.105190 °	38.105190 °
				-121.177050 °	-121.177050 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41533 DS_ID:24995 EP_NO: N/A FS_HLM: 13.499 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned and if so should be done so properly. FIELD_STRUCT_DESC: Three 1-inch galvanized iron electrical conduits through the levee 1-foot below the crown. Electrical panel on LS toe, Pumps on WS slope. FS Date: 05/14/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_5886.jpg



Conduits visible at base of meter panel on LS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	12.98	Rating **	M	Issue No.	1084 (cont)
LM End	12.98	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.105198 °	38.105198 °
				-121.177040 °	-121.177040 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:37699 DS_ID:23687 EP_NO: N/A FS_HLM: 13.5 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Facility appears abandoned and if so should be done so properly. FIELD_STRUCT_DESC: 2 of 3: 12-inch steel irrigation pipe through the levee 3.0-feet below the crown. Concrete cutoff wall on waterward end. 6-foot diameter concrete sump on the waterward berm. Pump mounted on top of sump. 36-inch C.M. intake pipe from channel to sump. 36-inch concrete standpipe on the landward slope. Switch panel on the landward side. Concrete "U" headwall with trash rack on the waterward end. O&M Manual Bear Creek Part 2, 1967. Pumping plant and sump installed under Permit No. 4854 (1967). FS Date: 05/14/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_6356.jpg



Pump and butterfly valve on WS berm.

LM Start	12.98	Rating **	M	Issue No.	1084 (cont)
LM End	12.98	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_6357.jpg



Concrete standpipe on LS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>12.98</b>	Rating **	M	Issue No.	<b>1085</b>
LM End	<b>12.98</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.105200 °	38.105200 °
				-121.177036 °	-121.177036 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:37698 DS_ID:23688 EP_NO: N/A FS_HLM: 13.501 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_6352.jpg



Pipe and pump visible on WS berm over sump.

LM Start	<b>12.98</b>	Rating **	M	Issue No.	<b>1085 (cont)</b>
LM End	<b>12.98</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_6353.jpg



Pipe and pump visible on WS berm over sump.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>12.98</b>	Rating **	M	Issue No.	<b>1085 (cont)</b>
LM End	<b>12.98</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.105200 °	38.105200 °
				-121.177036 °	-121.177036 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:37698 DS_ID:23688 EP_NO: N/A FS_HLM: 13.501 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_6354.jpg



Concrete standpipe and switch panel on LS slope.

LM Start	<b>13.03</b>	Rating **	M	Issue No.	<b>72</b>
LM End	<b>13.03</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.105846 °	38.105846 °
				-121.176552 °	-121.176552 °
DWR ID	DWR_NA0017_07_s_2012_72				
Action/Comments					
Repair slope instability. Inspector Comments: Shallow pit at the landward toe with nearby prunings.					

Photo 1 of 1 : FA\_2015\_NA0017\_151\_72\_20150911\_00032.jpg



View of a pit along the landward levee toe looking upstream.

LM Start	<b>13.03</b>	Rating **	M	Issue No.	<b>56</b>
LM End	<b>13.03</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.105841 °	38.105841 °
				-121.176489 °	-121.176489 °
DWR ID	DWR_NA0017_07_s_2012_56				
Action/Comments					
Pole					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	13.04	Rating **	M	Issue No.	1086
LM End	13.04	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.105874 °	38.105874 °
				-121.176441 °	-121.176441 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:37692 DS_ID:23596 EP_NO: N/A FS_HLM: 13.558 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Possible evidence of leak on LS toe as there is a hole dug over the pipe, see pic. FIELD_STRUCT_DESC: 12-inch steel irrigation siphon pipe through the levee, 3.0 feet below crown. 3-inch vent pipe on the waterward slope. 36-inch concrete standpipe 120-feet off LS toe. O&M Manual Bear Creek Part 2, 1967. FS Date: 05/14/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6187.jpg



Concrete standpipe 120-feet off LS toe.

LM Start	13.04	Rating **	M	Issue No.	1086 (cont)
LM End	13.04	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_6188.jpg



Vent pipe on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>13.04</b>	Rating **	M	Issue No.	<b>1086 (cont)</b>
LM End	<b>13.04</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.105874 °	38.105874 °
				-121.176441 °	-121.176441 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:37692 DS_ID:23596 EP_NO: N/A FS_HLM: 13.558 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_6189.jpg



Large hole over pipe in foreground with concrete standpipe 120-feet off LS toe.

LM Start	<b>13.43</b>	Rating **	M	Issue No.	<b>57</b>
LM End	<b>13.43</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.110491 °	38.110491 °
				-121.172863 °	-121.172863 °
DWR ID	DWR_NA0017_07_f_2012_57				
Action/Comments					
Prunings					

Photo 1 of 1 : FA\_2015\_NA0017\_151\_57\_20150911\_00026.jpg



Prunings were found on the landside of the levee. The picture was taken from the crown looking towards the toe of the levee.

LM Start	<b>13.45</b>	Rating **	M	Issue No.	<b>807</b>
LM End	<b>13.45</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.110753 °	38.110753 °
				-121.172829 °	-121.172829 °
DWR ID	DWR_NA0017_07_s_2012_807				
Action/Comments					
Debris					

Photo 1 of 1 : FA\_2015\_NA0017\_151\_807\_20150911\_00056.jpg



Pruning and debris were found on the landside of the levee looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>13.46</b>	Rating **	M	Issue No.	<b>1053</b>
LM End	<b>13.46</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.111026 °	38.111026 °	
			-121.172823 °	-121.172823 °	
DWR ID	DWR_NA0017_07_s_2012_1053				
Action/Comments					
Material					

Photo 1 of 1 : FA\_2015\_NA0017\_151\_1053\_20150911\_00060.jpg



View of irrigation pipe on the landward slope.

LM Start	<b>13.52</b>	Rating **	M	Issue No.	<b>39</b>
LM End	<b>13.52</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.111902 °	38.111902 °	
			-121.172685 °	-121.172685 °	
DWR ID	DWR_NA0017_07_s_2012_39				
Action/Comments					
Firewood					

Photo 1 of 1 : FA\_2015\_NA0017\_151\_39\_20150911\_00015.jpg



Firewood was found on the landside toe of the levee.

LM Start	<b>13.65</b>	Rating **	M	Issue No.	<b>58</b>
LM End	<b>13.65</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.113666 °	38.113666 °	
			-121.172450 °	-121.172450 °	
DWR ID	DWR_NA0017_07_s_2012_58				
Action/Comments					
Pole					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>13.65</b>	Rating **	M	Issue No.	<b>1087</b>
LM End	<b>13.65</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.113731 °	38.113731 °
				-121.172456 °	-121.172456 °
DWR ID					

**Action/Comments**

Inspector Comments: FS\_ID:37688  
 DS\_ID:23599  
 EP\_NO: N/A  
 FS\_HLM: 14.185  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: Pump and pipe appear abandoned and if so should be done so properly.  
 FIELD\_STRUCT\_DESC: 1 of 2: 8-inch steel irrigation pipe through the levee, 3.0 feet below the crown. Gate valve on the waterward slope. Pump mounted over 36-inch CMP sump on the waterward berm. 42-inch concrete standpipe on the landside. 1.5-inch galvanized iron electrical conduit at same location. O&M Manual Bear Creek Part 2, 1967.  
 FS Date: 05/14/2014

Photo 1 of 3 : UCIP\_FA\_2015\_6139.jpg



Concrete standpipe on LS toe.

LM Start	<b>13.65</b>	Rating **	M	Issue No.	<b>1087 (cont)</b>
LM End	<b>13.65</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_6140.jpg



Gate valve on WS berm.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>13.65</b>	Rating **	M	Issue No.	<b>1087 (cont)</b>
LM End	<b>13.65</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.113731 °	38.113731 °
				-121.172456 °	-121.172456 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:37688 DS_ID:23599 EP_NO: N/A FS_HLM: 14.185 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_6141.jpg



Pump, and pipe on WS berm.

LM Start	<b>13.83</b>	Rating **	M	Issue No.	<b>1088</b>
LM End	<b>13.83</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.116365 °	38.116365 °
				-121.172202 °	-121.172202 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41525 DS_ID:24994 EP_NO: N/A FS_HLM: 14.371 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 2-inch galvanized iron electrical conduit through the levee at an unknown depth below the crown. Attached to upstream side of bridge. FS Date: 05/12/2014					

Photo 1 of 1 : UCIP\_FA\_2015\_5885.jpg



Conduit visible on upstream side of bridge.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>13.88</b>	Rating **	M	Issue No.	<b>52</b>
LM End	<b>13.88</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.116971 °	38.116971 °	
			-121.172043 °	-121.172043 °	
DWR ID	DWR_NA0017_07_f_2015_52				
Action/Comments					
Prunings					

Photo 1 of 1 : FA\_2015\_NA0017\_151\_52\_20150928\_00066.jpg



Prunings were found on the crown of the levee looking upstream.

LM Start	<b>14.07</b>	Rating **	M	Issue No.	<b>88</b>
LM End	<b>14.14</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.119583 °	38.120393 °	
			-121.170861 °	-121.170111 °	
DWR ID	DWR_NA0017_07_s_2015_88				
Action/Comments					
Fence Inspector Comments: Unpermitted fence					

Photo 1 of 1 : FA\_2015\_NA0017\_151\_88\_20150911\_00041.jpg



A fence was found on the landside of the levee looking upstream.

LM Start	<b>14.22</b>	Rating **	M	Issue No.	<b>1089</b>
LM End	<b>14.22</b>	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.121573 °	38.121573 °	
			-121.169566 °	-121.169566 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41823 DS_ID:24993 EP_NO: N/A FS_HLM: 14.768 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1.5-inch PVC drain pipe through the levee 0.5-feet below the crown. Possible irrigation pipe. FS Date: 05/12/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_5882.jpg



Pipe visible on WS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>14.22</b>	Rating **	M	Issue No.	<b>1089 (cont)</b>
LM End	<b>14.22</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.121573 °	38.121573 °
				-121.169566 °	-121.169566 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41823 DS_ID:24993 EP_NO: N/A FS_HLM: 14.768 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1.5-inch PVC drain pipe through the levee 0.5-feet below the crown. Possible irrigation pipe. FS Date: 05/12/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_5883.jpg



Pipe visible on WS shoulder and slope.

Photo 3 of 3 : UCIP\_FA\_2015\_5884.jpg



Pipe visible on LS shoulder.

LM Start	<b>14.22</b>	Rating **	M	Issue No.	<b>1089 (cont)</b>
LM End	<b>14.22</b>	Issue Type +	En	Location *	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**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>14.23</b>	Rating **	M	Issue No.	<b>61</b>
LM End	<b>14.23</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.121625 °	38.121625 °	
			-121.169563 °	-121.169563 °	
DWR ID	DWR_NA0017_07_f_2013_61				
Action/Comments					
Stairway					

Photo 1 of 1 : FA\_2015\_NA0017\_151\_61\_20150911\_00029.jpg



Steps were found on the waterside slope of the levee looking downstream.

LM Start	<b>14.23</b>	Rating **	M	Issue No.	<b>1054</b>
LM End	<b>14.23</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.121661 °	38.121661 °	
			-121.169548 °	-121.169548 °	
DWR ID	DWR_NA0017_07_s_2012_1054				
Action/Comments					
Pipe Inspector Comments: Landowner has installed a pipe in the access road to take water from the channel for irrigation. Steps have also been dug into the side of the channel.					

Photo 1 of 1 : FA\_2015\_NA0017\_151\_1054\_20150911\_00061.jpg



View of a pipe a landowner placed in the access road and waterward slope to pump water from the channel to irrigate their garden.

LM Start	<b>14.25</b>	Rating **	M	Issue No.	<b>59</b>
LM End	<b>14.25</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.121912 °	38.121912 °	
			-121.169421 °	-121.169421 °	
DWR ID	DWR_NA0017_07_s_2012_59				
Action/Comments					
Pipe					

Photo 1 of 1 : FA\_2015\_NA0017\_151\_59\_20150911\_00027.jpg



A corroded pipe was found on the waterside of the levee looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>14.25</b>	Rating **	M	Issue No.	<b>1090</b>
LM End	<b>14.25</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.121993 °	38.121993 °
				-121.169423 °	-121.169423 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:37662 DS_ID:23603 EP_NO: N/A FS_HLM: 14.8 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and if so should be done so properly. FIELD_STRUCT_DESC: 8-inch steel stormdrain pipe through the levee 1.5-feet below the crown. Not visible on LS. FS Date: 05/12/2014					

Photo 1 of 1 : UCIP\_FA\_2015\_6693.jpg



Pipe on WS slope.

LM Start	<b>14.26</b>	Rating **	M	Issue No.	<b>1091</b>
LM End	<b>14.26</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.122029 °	38.122029 °
				-121.169428 °	-121.169428 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41370 DS_ID:24992 EP_NO: N/A FS_HLM: 14.801 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Some erosion at outlet on WS slope. No permit identified for this crossing. FIELD_STRUCT_DESC: 4-inch PVC stormdrain pipe through the levee 3.5-feet below the crown. Inlet on LS not visible. FS Date: 05/12/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_5880.jpg



Pipe on WS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>14.26</b>	Rating **	M	Issue No.	<b>1091 (cont)</b>
LM End	<b>14.26</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.122029 °	38.122029 °
				-121.169428 °	-121.169428 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41370 DS_ID:24992 EP_NO: N/A FS_HLM: 14.801 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Some erosion at outlet on WS slope. No permit identified for this crossing. FIELD_STRUCT_DESC: 4-inch PVC stormdrain pipe through the levee 3.5-feet below the crown. Inlet on LS not visible. FS Date: 05/12/2014					

Photo 2 of 2 : UCIP\_FA\_2015\_5881.jpg



Pipe not visible on LS shoulder.

LM Start	<b>14.35</b>	Rating **	M	Issue No.	<b>60</b>
LM End	<b>14.35</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.123286 °	38.123286 °
				-121.169609 °	-121.169609 °
DWR ID	DWR_NA0017_07_s_2012_60				
Action/Comments					
Repair depressions or ruts in the crown or slope.					

Photo 1 of 1 : FA\_2015\_NA0017\_151\_60\_20150911\_00028.jpg



Crown depression was found on the waterside shoulder of the levee looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>14.35</b>	Rating **	M	Issue No.	<b>95</b>
LM End	<b>14.35</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.123415 °	38.123415 °	
			-121.169666 °	-121.169666 °	
DWR ID	DWR_NA0017_07_f_2012_95				
Action/Comments					
Prunings					

Photo 1 of 2 : FA\_2015\_NA0017\_151\_95\_20150911\_00045.jpg



Updated picture of the prunings on the waterside shoulder of the levee looking upstream.

LM Start	<b>14.35</b>	Rating **	M	Issue No.	<b>95 (cont)</b>
LM End	<b>14.35</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : FA\_2015\_NA0017\_151\_95\_20150911\_00046.jpg



Prunings were found on the waterside of the levee looking upstream.

LM Start	<b>14.50</b>	Rating **	M	Issue No.	<b>1092</b>
LM End	<b>14.50</b>	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.125325 °	38.125325 °	
			-121.168441 °	-121.168441 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41704 DS_ID:25014 EP_NO: N/A FS_HLM: 15.051 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 1 : UCIP\_FA\_2015\_5941.jpg



Pipe visible on downstream side of bridge on WS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>15.00</b>	Rating **	M	Issue No.	<b>1093</b>
LM End	<b>15.00</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.128792 °	38.128792 °
				-121.160650 °	-121.160650 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41685 DS_ID:24989 EP_NO: N/A FS_HLM: 15.559 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 2-inch galvanized iron waterline over bridge on upstream side. FS Date: 05/12/2014					

Photo 1 of 1 : UCIP\_FA\_2015\_5879.jpg



Galvanized iron waterline visible next to larger irrigation pipe on downstream side of bridge.

LM Start	<b>15.00</b>	Rating **	M	Issue No.	<b>1094</b>
LM End	<b>15.00</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.128797 °	38.128797 °
				-121.160650 °	-121.160650 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41684 DS_ID:24988 EP_NO: N/A FS_HLM: 15.559 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee at an unknown depth below the crown. Pipe visible on upstream side of bridge. FS Date: 05/12/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_5875.jpg



10-inch steel pipe visible on downstream side of bridge.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>15.00</b>	Rating **	M	Issue No.	<b>1094 (cont)</b>
LM End	<b>15.00</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.128797 °	38.128797 °
				-121.160650 °	-121.160650 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41684 DS_ID:24988 EP_NO: N/A FS_HLM: 15.559 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee at an unknown depth below the crown. Pipe visible on upstream side of bridge. FS Date: 05/12/2014					

Photo 2 of 2 : UCIP\_FA\_2015\_5878.jpg



10-inch steel pipe visible on downstream side of bridge.

LM Start	<b>15.04</b>	Rating **	N	Issue No.	<b>53</b>
LM End	<b>15.16</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.129236 °	38.130205 °
				-121.160163 °	-121.158466 °
DWR ID	DWR_NA0017_07_s_2012_53				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : FA\_2015\_NA0017\_151\_53\_20150911\_00025.jpg



View of a stump in the landward slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>15.21</b>	Rating **	M	Issue No.	<b>809</b>
LM End	<b>15.21</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.130303 °	38.130303 °	
			-121.157451 °	-121.157451 °	
DWR ID	DWR_NA0017_07_s_2012_809				
Action/Comments					
Pipe Inspector Comments: Drain is located at the landside toe of the levee.					

Photo 1 of 1 : FA\_2015\_NA0017\_151\_809\_20150911\_00057.jpg



A drain was found at the toe of landside of the levee. The picture was taken from the crown looking towards the toe.

LM Start	<b>15.21</b>	Rating **	M	Issue No.	<b>1095</b>
LM End	<b>15.21</b>	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.130318 °	38.130318 °	
			-121.157417 °	-121.157417 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:37652 DS_ID:23610 EP_NO: N/A FS_HLM: 15.776 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No inlet cover or grate at LS toe FIELD_STRUCT_DESC: 24-inch CM stormdrain pipe through the levee, 11.0 feet below the crown. Concrete "U" headwall on the waterward end. Flap gate on the waterward end. 24-inch CMP riser/dropinlet on the landward side. O&M Manual Bear Creek Part 2, 1967. FS Date: 05/12/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6648.jpg



Pipe, flapgate, and Concrete headwall on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	15.21	Rating **	M	Issue No.	1095 (cont)
LM End	15.21	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.130318 °	38.130318 °
				-121.157417 °	-121.157417 °
DWR ID					

**Action/Comments**  
 Inspector Comments: FS\_ID:37652  
 DS\_ID:23610  
 EP\_NO: N/A  
 FS\_HLM: 15.776  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: No inlet cover or grate at LS toe  
 FIELD\_STRUCT\_DESC: 24-inch CM stormdrain pipe through the levee, 11.0 feet below the crown. Concrete "U" headwall on the waterward end. Flap gate on the waterward end. 24-inch CMP riser/dropinlet on the landward side. O&M Manual Bear Creek Part 2, 1967.  
 FS Date: 05/12/2014

LM Start	15.21	Rating **	M	Issue No.	1095 (cont)
LM End	15.21	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_6649.jpg



Concrete headwall on WS toe.

Photo 3 of 3 : UCIP\_FA\_2015\_6650.jpg



24-inch riser/dropinlet on LS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>15.50</b>	Rating **	M	Issue No.	<b>99</b>
LM End	<b>15.50</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.132581 °	38.132581 °	
			-121.153872 °	-121.153872 °	
DWR ID	DWR_NA0017_07_f_2012_99				
Action/Comments					
Pipe					

Photo 1 of 1 : FA\_2015\_NA0017\_151\_99\_20150911\_00047.jpg



A pipe was found on the waterside slope of the levee looking upstream.

LM Start	<b>15.86</b>	Rating **	M	Issue No.	<b>78</b>
LM End	<b>15.86</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.137505 °	38.137505 °	
			-121.152044 °	-121.152044 °	
DWR ID	DWR_NA0017_07_s_2012_78				
Action/Comments					
Pole Inspector Comments: Joint pole on the landward side of the access road without a permit.					

No Photos

LM Start	<b>16.10</b>	Rating **	M	Issue No.	<b>1096</b>
LM End	<b>16.10</b>	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.140596 °	38.140596 °	
			-121.150998 °	-121.150998 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41806 DS_ID:23618 EP_NO: N/A FS_HLM: 16.672 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Silt buildup in pipe at outlet. FIELD_STRUCT_DESC: 18-inch CM stormdrain pipe through the levee 1.5-feet below the crown. Cobble grouted spillway. Open on both ends. FS Date: 05/12/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6541.jpg



Pipe visible at outlet on WS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	16.10	Rating **	M	Issue No.	1096 (cont)
LM End	16.10	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.140596 °	38.140596 °
				-121.150998 °	-121.150998 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41806 DS_ID:23618 EP_NO: N/A FS_HLM: 16.672 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Silt buildup in pipe at outlet. FIELD_STRUCT_DESC: 18-inch CM stormdrain pipe through the levee 1.5-feet below the crown. Cobble grouted spillway. Open on both ends. FS Date: 05/12/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_6542.jpg



Pipe visible at outlet on WS shoulder.

LM Start	16.10	Rating **	M	Issue No.	1096 (cont)
LM End	16.10	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_6543.jpg



Pipe visible at inlet on LS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	09/22/2015 09/24/2015	Pavel Kazi

LM Start	<b>16.12</b>	Rating **	M	Issue No.	<b>1097</b>
LM End	<b>16.12</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.140811 °	38.140811 °
				-121.150784 °	-121.150784 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41956 DS_ID:24987 EP_NO: N/A FS_HLM: 16.69 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 2 : UCIP\_FA\_2015\_5873.jpg



Communication conduit visible on downstream side of bridge at WS slope.

LM Start	<b>16.12</b>	Rating **	M	Issue No.	<b>1097 (cont)</b>
LM End	<b>16.12</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP\_FA\_2015\_5874.jpg



Communication conduit visible on downstream side of bridge at WS slope.

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

**Unit Cover Sheet**

**Fall 2015 Levee Inspection Results**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles
Unit No. 08 Bear Creek	Left	15.32

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>M</b>	
Date of Inspection	04/22/2015 - 04/24/2015		09/23/2015 - 10/01/2015	
DWR Inspector	Pavel Kazi		Pavel Kazi	
Accompanied By	Jay Jauregui SJCF&WCD		Jay Jauregui SJCF&WCD	

**Summer & Winter Inspections**

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

DWR must be informed on the:

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

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

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

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

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

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	Rating **	M	Issue No.	1108
LM End	Issue Type +	En	Location *	CR
Category	Supplemental	GPS Latitude/Longitude		
		Start	End	
Item	DWR UCIP Field Study	38.034122 °	38.034122 °	
		-121.370825 °	-121.370825 °	
DWR ID				
<b>Action/Comments</b>				
Inspector Comments: FS_ID:41711 DS_ID:25039 EP_NO: N/A FS_HLM: 0.1 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1-inch galvanized iron waterline on LS shoulder and a 8-inch PVC standpipe on the WS shoulder. FS Date: 06/11/2014				

Photo 1 of 2 : UCIP\_FA\_2015\_6165.jpg



8-inch PVC riser on WS slope.

LM Start	Rating **	M	Issue No.	1108 (cont)
LM End	Issue Type +	En	Location *	CR

Photo 2 of 2 : UCIP\_FA\_2015\_6166.jpg



Waterline and valves on LS slope.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start		Rating **	M	Issue No.	<b>1109</b>
LM End		Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.036650 °	38.036650 °
				-121.372412 °	-121.372412 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41436 DS_ID:25038 EP_NO: N/A FS_HLM: 0.279 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 2 : UCIP\_FA\_2015\_6163.jpg



Concrete box/manhole on WS slope (at left).

LM Start		Rating **	M	Issue No.	<b>1109 (cont)</b>
LM End		Issue Type +	En	Location *	CR

Photo 2 of 2 : UCIP\_FA\_2015\_6164.jpg



Concrete box/manhole off LS toe (at right).

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start		Rating **	M	Issue No.	<b>1110</b>
LM End		Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.036680 °	38.036680 °
				-121.372410 °	-121.372410 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41435 DS_ID:25037 EP_NO: N/A FS_HLM: 0.281 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 2 : UCIP\_FA\_2015\_6161.jpg



Concrete box/manhole on WS toe.

LM Start		Rating **	M	Issue No.	<b>1110 (cont)</b>
LM End		Issue Type +	En	Location *	CR

Photo 2 of 2 : UCIP\_FA\_2015\_6162.jpg



Concrete box/manhole off LS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start		Rating **	M	Issue No.	<b>1111</b>
LM End		Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.036741 °	38.036741 °
				-121.372411 °	-121.372411 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41972 DS_ID:25040 EP_NO: N/A FS_HLM: 0.285 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 2 : UCIP\_FA\_2015\_6159.jpg



4-inch Pipe and valve on WS slope.

LM Start		Rating **	M	Issue No.	<b>1111 (cont)</b>
LM End		Issue Type +	En	Location *	CR

Photo 2 of 2 : UCIP\_FA\_2015\_6160.jpg



1-inch waterline and valve off LS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start		Rating **	M	Issue No.	<b>1112</b>
LM End		Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.039400 °	38.039400 °
				-121.370900 °	-121.370900 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:41529 DS_ID:25036 EP_NO: N/A FS_HLM: 0.474 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 2 : UCIP\_FA\_2015\_6157.jpg



16-inch PVC riser off LS toe.

LM Start		Rating **	M	Issue No.	<b>1112 (cont)</b>
LM End		Issue Type +	En	Location *	CR

Photo 2 of 2 : UCIP\_FA\_2015\_6158.jpg



8-inch PVC riser on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>0.75</b>	Rating **	M	Issue No.	<b>1054</b>
LM End	<b>0.75</b>	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.043062 °	38.043062 °
				-121.370498 °	-121.370498 °
DWR ID	DWR_NA0017_08_s_2012_1054				
Action/Comments					
Fence Inspector Comments: Entrance gate.					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_1054\_20151113\_00113.jpg



View of the entrance gate across the crown at the current start of the unit looking upstream. Limited access has been provided.

LM Start	<b>0.78</b>	Rating **	M	Issue No.	<b>1113</b>
LM End	<b>0.78</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.043080 °	38.043080 °
				-121.369910 °	-121.369910 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41710 DS_ID:25034 EP_NO: N/A FS_HLM: 0.78 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1-inch PVC waterline through the levee at an unknown depth below the crown. Sprinklers visible on WS slope. Minor settlement over pipe obvious on crown. FS Date: 06/11/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6156.jpg



Subsidence over pipe on crown at WS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>0.78</b>	Rating **	M	Issue No.	<b>1113 (cont)</b>
LM End	<b>0.78</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.043080 °	38.043080 °
				-121.369910 °	-121.369910 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41710 DS_ID:25034 EP_NO: N/A FS_HLM: 0.78 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1-inch PVC waterline through the levee at an unknown depth below the crown. Sprinklers visible on WS slope. Minor settlement over pipe obvious on crown. FS Date: 06/11/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_6833.jpg



Subsidence over pipe on crown at LS shoulder.

Photo 3 of 3 : UCIP\_FA\_2015\_6834.jpg



Sprinkler on LS slope.

LM Start	<b>0.78</b>	Rating **	M	Issue No.	<b>1113 (cont)</b>
LM End	<b>0.78</b>	Issue Type +	En	Location *	CR

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>0.81</b>	Rating **	M	Issue No.	<b>1114</b>
LM End	<b>0.81</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.043066 °	38.043066 °
				-121.369285 °	-121.369285 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39430 DS_ID:25032 EP_NO: N/A FS_HLM: 0.815 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_6830.jpg



Pipes may be visible on LS slope next to retaining wall.

LM Start	<b>0.81</b>	Rating **	M	Issue No.	<b>1114 (cont)</b>
LM End	<b>0.81</b>	Issue Type +	En	Location *	CR

Photo 2 of 3 : UCIP\_FA\_2015\_6831.jpg



PVC pipe visible on WS shoulder.

LM Start	<b>0.81</b>	Rating **	M	Issue No.	<b>1114 (cont)</b>
LM End	<b>0.81</b>	Issue Type +	En	Location *	CR

Photo 3 of 3 : UCIP\_FA\_2015\_6832.jpg



PVC pipe visible on WS shoulder. Pipe broken at WS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>0.84</b>	Rating **	M	Issue No.	<b>1115</b>
LM End	<b>0.84</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.043044 °	38.043044 °
				-121.368761 °	-121.368761 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41709 DS_ID:25031 EP_NO: N/A FS_HLM: 0.844 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_6827.jpg



Christy box on LS shoulder.

LM Start	<b>0.84</b>	Rating **	M	Issue No.	<b>1115 (cont)</b>
LM End	<b>0.84</b>	Issue Type +	En	Location *	CR

Photo 2 of 3 : UCIP\_FA\_2015\_6828.jpg



Pipe found at base of electrical control panel on LS shoulder.

LM Start	<b>0.84</b>	Rating **	M	Issue No.	<b>1115 (cont)</b>
LM End	<b>0.84</b>	Issue Type +	En	Location *	CR

Photo 3 of 3 : UCIP\_FA\_2015\_6829.jpg



Green grass on WS slope may indicate a break in the irrigation line as there were no sprinklers found on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>0.84</b>	Rating **	M	Issue No.	<b>1116</b>
LM End	<b>0.84</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.043046 °	38.043046 °
				-121.368749 °	-121.368749 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41528 DS_ID:25030 EP_NO: N/A FS_HLM: 0.845 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 2 : UCIP\_FA\_2015\_6825.jpg



Conduits visible on fence at LS shoulder.

LM Start	<b>0.84</b>	Rating **	M	Issue No.	<b>1116 (cont)</b>
LM End	<b>0.84</b>	Issue Type +	En	Location *	CR

Photo 2 of 2 : UCIP\_FA\_2015\_6826.jpg



Control panel and electrical on fence at LS shoulder.

LM Start	<b>1.29</b>	Rating **	C	Issue No.	<b>91</b>
LM End	<b>1.29</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.042907 °	38.042907 °
				-121.360469 °	-121.360469 °
DWR ID	DWR_NA0017_08_s_2015_91				
Action/Comments					
Stairway					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>1.32</b>	Rating **	C	Issue No.	<b>87</b>
LM End	<b>1.32</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.042911 °	38.042911 °	
			-121.360041 °	-121.360041 °	
DWR ID	DWR_NA0017_08_s_2015_87				
Action/Comments					
Prunings					

No Photos

LM Start	<b>1.46</b>	Rating **	M	Issue No.	<b>58</b>
LM End	<b>1.46</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.042853 °	38.042853 °	
			-121.357504 °	-121.357504 °	
DWR ID	DWR_NA0017_08_f_2015_58				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or groud burrows.					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_58\_20150928\_00096.jpg



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

LM Start	<b>1.66</b>	Rating **	M	Issue No.	<b>81</b>
LM End	<b>1.66</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.042783 °	38.042783 °	
			-121.353818 °	-121.353818 °	
DWR ID	DWR_NA0017_08_s_2015_81				
Action/Comments					
Prunings					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_81\_20150911\_00022.jpg



Prunings were found on the landside slope of the levee looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>1.82</b>	Rating **	N	Issue No.	<b>18</b>
LM End	<b>1.82</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.042751 °	38.042751 °	
			-121.353062 °	-121.353062 °	
DWR ID	DWR_NA0017_08_f_2012_18				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_18\_20150911\_00007.jpg



View of a tree stump that was found on the landside toe of the levee. The picture was taken from the crown looking towards the toe.

LM Start	<b>2.03</b>	Rating **	M	Issue No.	<b>1007</b>
LM End	<b>2.03</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.042803 °	38.042803 °	
			-121.347023 °	-121.347023 °	
DWR ID	DWR_NA0017_08_s_2012_1007				
Action/Comments					
Stairway Inspector Comments: Steps were removed but the hand rails still exists at the location.					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_1007\_20150911\_00045.jpg



View of steps dug into the landward slope looking upstream.

LM Start	<b>2.03</b>	Rating **	M	Issue No.	<b>1008</b>
LM End	<b>2.22</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.042800 °	38.042787 °	
			-121.347022 °	-121.345608 °	
DWR ID	DWR_NA0017_08_s_2012_1008				
Action/Comments					
Fence Inspector Comments: The fence is covered by ivy.					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_1008\_20150911\_00046.jpg



View of a fence with landscaping growing on it at the landward toe looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>2.04</b>	Rating **	M	Issue No.	<b>92</b>
LM End	<b>2.04</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.042803 °	38.042803 °	
			-121.346755 °	-121.346755 °	
DWR ID	DWR_NA0017_08_s_2015_92				
Action/Comments					
Prunings					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_92\_20150911\_00029.jpg



Prunings were found on the landside of the levee looking upstream.

LM Start	<b>2.08</b>	Rating **	M	Issue No.	<b>1006</b>
LM End	<b>2.16</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.042791 °	38.042803 °	
			-121.346130 °	-121.346812 °	
DWR ID	DWR_NA0017_08_s_2012_1006				
Action/Comments					
Landscaping Inspector Comments: Ivy and oleanders on landward slope.					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_1006\_20150911\_00044.jpg



View of landscaping along the landward slope looking upstream. County crews have greatly reduced the amount of material and increased visibility and access.

LM Start	<b>2.12</b>	Rating **	M	Issue No.	<b>101</b>
LM End	<b>2.12</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.042789 °	38.042789 °	
			-121.345309 °	-121.345309 °	
DWR ID	DWR_NA0017_08_f_2014_101				
Action/Comments					
Pool					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_101\_20150911\_00032.jpg



A pool was found on the landside toe of the levee. The picture was taken from the crown looking towards the toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>2.16</b>	Rating **	M	Issue No.	<b>93</b>
LM End	<b>2.16</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.042785 °	38.042785 °
				-121.344686 °	-121.344686 °
DWR ID	DWR_NA0017_08_s_2015_93				
Action/Comments					
Prunings					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_93\_20150928\_00097.jpg



Prunings were found on the landside of the levee looking upstream.

LM Start	<b>2.21</b>	Rating **	U	Issue No.	<b>1011</b>
LM End	<b>2.21</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.042782 °	38.042770 °
				-121.343703 °	-121.341933 °
DWR ID	DWR_NA0017_08_s_2012_1011				
Action/Comments					
Fence Inspector Comments: Wood fence on landward toe.					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_1011\_20150911\_00048.jpg



View of a fence along the landward toe looking upstream.

LM Start	<b>2.22</b>	Rating **	M	Issue No.	<b>102</b>
LM End	<b>2.22</b>	Issue Type +	Ma	Location *	WS
Category	Concrete Floodwalls			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			38.042776 °	38.042776 °
				-121.343593 °	-121.343593 °
DWR ID	DWR_NA0017_08_f_2014_102				
Action/Comments					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>2.22</b>	Rating **	M	Issue No.	<b>1009</b>
LM End	<b>2.25</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.042786 °	38.042779 °	
			-121.345607 °	-121.345154 °	
DWR ID	DWR_NA0017_08_s_2012_1009				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_1009\_20150911\_00047.jpg



View of landscaping along the landward slope looking upstream.

LM Start	<b>2.24</b>	Rating **	M	Issue No.	<b>29</b>
LM End	<b>2.24</b>	Issue Type +	Ma	Location *	WS
Category	Concrete Floodwalls		GPS Latitude/Longitude		
			Start	End	
Item	Monolith Joints		38.042777 °	38.042777 °	
			-121.343150 °	-121.343150 °	
DWR ID	DWR_NA0017_08_s_2013_29				
Action/Comments					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_29\_20150911\_00010.jpg



The monolith joint material is deteriorating at this location of the flood wall. The picture was taken from the crown looking upstream.

LM Start	<b>2.33</b>	Rating **	U	Issue No.	<b>1018</b>
LM End	<b>2.38</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.042764 °	38.042765 °	
			-121.343690 °	-121.342620 °	
DWR ID	DWR_NA0017_08_s_2012_1018				
Action/Comments					
Fence					
Inspector Comments: Wood fence is on the landward toe of the levee.					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_1018\_20150911\_00049.jpg



View of the fence on the landside toe of the levee looking upstream. This picture was taken during fall 2011 inspection.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>2.36</b>	Rating **	M	Issue No.	<b>1021</b>
LM End	<b>2.46</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.042763 °	38.042760 °	
			-121.340981 °	-121.341167 °	
DWR ID	DWR_NA0017_08_s_2012_1021				
Action/Comments					
Fence Inspector Comments: Chain link fence on landward slope.					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_1021\_20150911\_00051.jpg



View of a fence on the landward slope looking upstream.

LM Start	<b>2.37</b>	Rating **	M	Issue No.	<b>105</b>
LM End	<b>2.37</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.042762 °	38.042762 °	
			-121.342909 °	-121.342909 °	
DWR ID	DWR_NA0017_08_f_2014_105				
Action/Comments					
Prunings					

No Photos

LM Start	<b>2.38</b>	Rating **	M	Issue No.	<b>106</b>
LM End	<b>2.38</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.042756 °	38.042756 °	
			-121.340581 °	-121.340581 °	
DWR ID	DWR_NA0017_08_f_2014_106				
Action/Comments					
Pool					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_106\_20150911\_00033.jpg



A pool was found within 10 feet away from the landside toe of the 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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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>2.39</b>	Rating **	M	Issue No.	<b>1023</b>
LM End	<b>2.42</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.042758 °	38.042758 °	
			-121.340444 °	-121.339919 °	
DWR ID	DWR_NA0017_08_s_2012_1023				
Action/Comments					
Fence Inspector Comments: Wood fence is within the landside easement of the levee.					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_1023\_20150911\_00052.jpg



View of a fence at the landward toe.

LM Start	<b>2.41</b>	Rating **	N	Issue No.	<b>40</b>
LM End	<b>2.41</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.042751 °	38.042751 °	
			-121.342119 °	-121.342119 °	
DWR ID	DWR_NA0017_08_s_2012_40				
Action/Comments					
Tree stumps.					

No Photos

LM Start	<b>2.42</b>	Rating **	M	Issue No.	<b>1024</b>
LM End	<b>2.43</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.042759 °	38.042759 °	
			-121.339919 °	-121.339612 °	
DWR ID	DWR_NA0017_08_s_2012_1024				
Action/Comments					
Fence					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_1024\_20150911\_00053.jpg



View of a fence at the landward toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>2.46</b>	Rating **	M	Issue No.	<b>42</b>
LM End	<b>2.46</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.042753 °	38.042753 °	
			-121.339088 °	-121.339088 °	
DWR ID	DWR_NA0017_08_s_2012_42				
Action/Comments					
Ditch					

Photo 1 of 2 : FA\_2015\_NA0017\_152\_42\_20150911\_00012.jpg



View of a ditch at the landside toe of the levee looking downstream.

LM Start	<b>2.46</b>	Rating **	M	Issue No.	<b>42 (cont)</b>
LM End	<b>2.46</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA\_2015\_NA0017\_152\_42\_20150911\_00013.jpg



The owner excavated a ditch on the toe at the landside of the levee. The picture was taken from the landside of the levee looking downstream.

LM Start	<b>2.47</b>	Rating **	M	Issue No.	<b>1117</b>
LM End	<b>2.47</b>	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.042704 °	38.042704 °	
			-121.338851 °	-121.338851 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39713 DS_ID:23789 EP_NO: 15447 FS_HLM: 2.519 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 1 of 2 : UCIP\_FA\_2015\_6637.jpg



Fence on LS toe at approximate location of pipe crossing.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>2.47</b>	Rating **	M	Issue No.	<b>1117 (cont)</b>
LM End	<b>2.47</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.042704 °	38.042704 °
				-121.338851 °	-121.338851 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39713 DS_ID:23789 EP_NO: 15447 FS_HLM: 2.519 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Waterline needs markers installed to identify location. FIELD_STRUCT_DESC: 12-inch steel water pipe through the levee, 11.0 feet below the crown. Shutoff valve on landward side (not found 2014). USAA markings for utility crossing UNIT 7 provide credibility for this location. Permit No. 15447, 1991. FS Date: 06/11/2014					

Photo 2 of 2 : UCIP\_FA\_2015\_6639.jpg



USAA marking on floodwall visible across channel on north side levee.

LM Start	<b>2.50</b>	Rating **	N	Issue No.	<b>12</b>
LM End	<b>2.50</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.042749 °	38.042749 °
				-121.338402 °	-121.338402 °
DWR ID	DWR_NA0017_08_s_2012_12				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_12\_20150911\_00005.jpg



View of stumps along the landward toe looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>2.50</b>	Rating **	M	Issue No.	<b>108</b>
LM End	<b>2.50</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.042749 °	38.042749 °
				-121.338402 °	-121.338402 °
DWR ID	DWR_NA0017_08_f_2014_108				
Action/Comments					
Pool					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_108\_20150911\_00034.jpg



A pool was found within 10 feet away from the landside toe of the levee.

LM Start	<b>2.52</b>	Rating **	N	Issue No.	<b>36</b>
LM End	<b>2.52</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.042739 °	38.042739 °
				-121.340100 °	-121.340100 °
DWR ID	DWR_NA0017_08_s_2012_36				
Action/Comments					
Tree stumps.					

No Photos

LM Start	<b>2.54</b>	Rating **	M	Issue No.	<b>59</b>
LM End	<b>2.54</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.042736 °	38.042736 °
				-121.337605 °	-121.337605 °
DWR ID	DWR_NA0017_08_f_2015_59				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>2.56</b>	Rating **	M	Issue No.	<b>1037</b>
LM End	<b>2.72</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.042743 °	38.042736 °
				-121.337207 °	-121.334369 °
DWR ID	DWR_NA0017_08_s_2012_1037				
Action/Comments					
Fence Inspector Comments: Chain link fence on landward slope.					

No Photos

LM Start	<b>2.61</b>	Rating **	N	Issue No.	<b>26</b>
LM End	<b>2.61</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.042737 °	38.042737 °
				-121.338447 °	-121.338447 °
DWR ID	DWR_NA0017_08_s_2014_26				
Action/Comments					
Tree stumps.					

No Photos

LM Start	<b>2.64</b>	Rating **	N	Issue No.	<b>33</b>
LM End	<b>2.64</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.042721 °	38.042721 °
				-121.337887 °	-121.337887 °
DWR ID	DWR_NA0017_08_s_2012_33				
Action/Comments					
Tree stumps.					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>2.69</b>	Rating **	U	Issue No.	<b>963</b>
LM End	<b>2.69</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.042724 °	38.042724 °
				-121.337075 °	-121.337075 °
DWR ID	DWR_NA0017_08_s_2012_963				
Action/Comments					
Building Inspector Comments: Fall 2010: Landscaping removed, but shed still exists.					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_963\_20150911\_00043.jpg



Landscaping and shed placed on landward levee slope and within 10' of the toe.

LM Start	<b>2.72</b>	Rating **	U	Issue No.	<b>1038</b>
LM End	<b>3.34</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.042736 °	38.042688 °
				-121.334369 °	-121.322983 °
DWR ID	DWR_NA0017_08_s_2012_1038				
Action/Comments					
Fence Inspector Comments: Wood fence is on the landside easement of the levee.					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>2.75</b>	Rating **	M	Issue No.	<b>1118</b>
LM End	<b>2.75</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.042710 °	38.042710 °
				-121.333710 °	-121.333710 °
DWR ID					

**Action/Comments**  
 Inspector Comments: FS\_ID:38521  
 DS\_ID:24012  
 EP\_NO: N/A  
 FS\_HLM: 2.81  
 Repair Type: Non-Urgent  
 Crossing Status: Indicator Found  
 UCIP Comments: Need Permit and drawings to better identify location for crossing.  
 FIELD\_STRUCT\_DESC: Pump station at landside toe with light post, electrical panel, and well. Gatevalve on pipe visible off LS toe within pump station. USAA paint on pavement indicates pipe may go through the levee, but no evidence was found on WS.  
 FS Date: 06/11/2014

LM Start	<b>2.75</b>	Rating **	M	Issue No.	<b>1118 (cont)</b>
LM End	<b>2.75</b>	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP\_FA\_2015\_4720.jpg



Pipe, gatevalve, and USAA marker on pavement at LS toe.

Photo 2 of 2 : UCIP\_FA\_2015\_4721.jpg



Pipe, gatevalve, and USAA marker on pavement at LS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>2.75</b>	Rating **	M	Issue No.	<b>1119</b>
LM End	<b>2.75</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.042710 °	38.042710 °
				-121.333710 °	-121.333710 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38520 DS_ID:24013 EP_NO: N/A FS_HLM: 2.806 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 2 : UCIP\_FA\_2015\_4718.jpg



Pipe visible in grass on WS slope.

LM Start	<b>2.75</b>	Rating **	M	Issue No.	<b>1119 (cont)</b>
LM End	<b>2.75</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP\_FA\_2015\_4719.jpg



Pump station on LS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>2.82</b>	Rating **	N	Issue No.	<b>30</b>
LM End	<b>2.82</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.042710 °	38.042710 °
				-121.334677 °	-121.334677 °
DWR ID	DWR_NA0017_08_s_2012_30				
Action/Comments					
Tree stumps.					

No Photos

LM Start	<b>2.86</b>	Rating **	M	Issue No.	<b>1120</b>
LM End	<b>2.86</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.042700 °	38.042700 °
				-121.331790 °	-121.331790 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41971 DS_ID:25026 EP_NO: N/A FS_HLM: 2.914 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 12-inch wrapped steel waterline through the levee at an unknown depth below the crown. Pipe visible and attached to upstream side of bridge. FS Date: 06/11/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_6789.jpg



Pipe visible on upstream side of bridge.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	2.86	Rating **	M	Issue No.	1120 (cont)	
LM End	2.86	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
			Start	End		
Item	DWR UCIP Field Study			38.042700 °	38.042700 °	
				-121.331790 °	-121.331790 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:41971 DS_ID:25026 EP_NO: N/A FS_HLM: 2.914 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 12-inch wrapped steel waterline through the levee at an unknown depth below the crown. Pipe visible and attached to upstream side of bridge. FS Date: 06/11/2014						



Valve for waterline in roadway at crown.

LM Start	2.86	Rating **	M	Issue No.	1121	
LM End	2.86	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
			Start	End		
Item	DWR UCIP Field Study			38.042677 °	38.042677 °	
				-121.331765 °	-121.331765 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:41364 DS_ID:25029 EP_NO: N/A FS_HLM: 2.915 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 10-inch steel pipe apparently through the levee 4.5-feet below the crown. Unclear what the purpose of this pipe is. Pipe open on LS toe. FS Date: 06/11/2014						



Open steel pipe visible on LS of levee (left most pipe in photo).

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	2.86	Rating **	M	Issue No.	1121 (cont)	
LM End	2.86	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
			Start	End		
Item	DWR UCIP Field Study			38.042677 °	38.042677 °	
				-121.331765 °	-121.331765 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:41364 DS_ID:25029 EP_NO: N/A FS_HLM: 2.915 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 10-inch steel pipe apparently through the levee 4.5-feet below the crown. Unclear what the purpose of this pipe is. Pipe open on LS toe. FS Date: 06/11/2014						

Photo 2 of 2 : UCIP\_FA\_2015\_6824.jpg



Open steel pipe visible on LS of levee (left most pipe in photo).

LM Start	2.86	Rating **	M	Issue No.	1122	
LM End	2.86	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
			Start	End		
Item	DWR UCIP Field Study			38.042677 °	38.042677 °	
				-121.331755 °	-121.331755 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:41363 DS_ID:25028 EP_NO: N/A FS_HLM: 2.916 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 10-inch steel pipe apparently through the levee 4.5-feet below the crown. Unclear what the purpose of this pipe is. Welded steel cover at LS end. FS Date: 06/11/2014						

Photo 1 of 2 : UCIP\_FA\_2015\_6791.jpg



Pipe with welded steel cover visible on LS toe.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown N/A : Not Applicable	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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	2.86	Rating **	M	Issue No.	1122 (cont)
LM End	2.86	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
			Start	End	
Item	DWR UCIP Field Study			38.042677 °	38.042677 °
				-121.331755 °	-121.331755 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41363 DS_ID:25028 EP_NO: N/A FS_HLM: 2.916 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 10-inch steel pipe apparently through the levee 4.5-feet below the crown. Unclear what the purpose of this pipe is. Welded steel cover at LS end. FS Date: 06/11/2014					

Photo 2 of 2 : UCIP\_FA\_2015\_6792.jpg



Pipe with welded steel cover visible on LS toe.

LM Start	2.86	Rating **	M	Issue No.	1123
LM End	2.86	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
			Start	End	
Item	DWR UCIP Field Study			38.042677 °	38.042677 °
				-121.331748 °	-121.331748 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41362 DS_ID:25027 EP_NO: N/A FS_HLM: 2.916 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 12-inch PVC pipe apparently through the levee 4.5-feet below the crown. Pipe open on LS toe. FS Date: 06/11/2014					

Photo 1 of 1 : UCIP\_FA\_2015\_6788.jpg



Open PVC pipe visible on LS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>2.88</b>	Rating **	U	Issue No.	<b>1041</b>
LM End	<b>2.93</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.042716 °	38.042714 °	
			-121.333564 °	-121.332687 °	
DWR ID	DWR_NA0017_08_s_2012_1041				
Action/Comments					
Fence Inspector Comments: Wood fence is on the landside easement of the levee.					

No Photos

LM Start	<b>2.92</b>	Rating **	M	Issue No.	<b>60</b>
LM End	<b>2.92</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.042695 °	38.042695 °	
			-121.330685 °	-121.330685 °	
DWR ID	DWR_NA0017_08_f_2015_60				
Action/Comments					
Prunings					

No Photos

LM Start	<b>3.07</b>	Rating **	M	Issue No.	<b>39</b>
LM End	<b>3.07</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.042684 °	38.042684 °	
			-121.327860 °	-121.327860 °	
DWR ID	DWR_NA0017_08_s_2015_39				
Action/Comments					
Pool					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>3.19</b>	Rating **	N	Issue No.	<b>13</b>
LM End	<b>3.19</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.042676 °	38.042676 °	
			-121.325694 °	-121.325694 °	
DWR ID	DWR_NA0017_08_s_2012_13				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_13\_20150911\_00006.jpg



View of a stump on the landward slope looking upstream.

LM Start	<b>3.24</b>	Rating **	M	Issue No.	<b>37</b>
LM End	<b>3.24</b>	Issue Type +	Ma	Location *	WS
Category	Concrete Floodwalls		GPS Latitude/Longitude		
			Start	End	
Item	Monolith Joints		38.042652 °	38.042652 °	
			-121.326883 °	-121.326883 °	
DWR ID	DWR_NA0017_08_s_2013_37				
Action/Comments					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_37\_20150911\_00011.jpg



The monolith joint material is deteriorating at this location of the flood wall. The picture was taken from the crown looking upstream.

LM Start	<b>3.31</b>	Rating **	M	Issue No.	<b>940</b>
LM End	<b>3.31</b>	Issue Type +	Ma	Location *	LS
Category	Concrete Floodwalls		GPS Latitude/Longitude		
			Start	End	
Item	Monolith Joints		38.042654 °	38.042654 °	
			-121.325611 °	-121.325611 °	
DWR ID	DWR_NA0017_08_s_2012_940				
Action/Comments					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_940\_20150911\_00041.jpg



Monolith joint material is deteriorating at the joint of the flood wall. The picture was taken from the crown looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>3.33</b>	Rating **	M	Issue No.	<b>41</b>
LM End	<b>3.33</b>	Issue Type +	Ma	Location *	WS
Category	Concrete Floodwalls			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			38.042643 °	38.042643 °
				-121.325208 °	-121.325208 °
DWR ID	DWR_NA0017_08_f_2013_41				
Action/Comments					

No Photos

LM Start	<b>3.35</b>	Rating **	U	Issue No.	<b>1124</b>
LM End	<b>3.35</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.042660 °	38.042660 °
				-121.322740 °	-121.322740 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38516 DS_ID:23733 EP_NO: 12508 FS_HLM: 3.42 Repair Type: Urgent Crossing Status: Found UCIP Comments: Gasline needs markers. FIELD_STRUCT_DESC: 10-inch high pressure gas main through the levee, 2.5-feet below the crown. Steel cutoff wall around main at center of levee. Regulator and reducing regulator on landward side. Permit No. 12508, 1978. FS Date: 06/11/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_4375.jpg



Signs need to be installed on 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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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>3.35</b>	Rating **	U	Issue No.	<b>1124 (cont)</b>
LM End	<b>3.35</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.042660 °	38.042660 °
				-121.322740 °	-121.322740 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38516 DS_ID:23733 EP_NO: 12508 FS_HLM: 3.42 Repair Type: Urgent Crossing Status: Found UCIP Comments: Gasline needs markers. FIELD_STRUCT_DESC: 10-inch high pressure gas main through the levee, 2.5-feet below the crown. Steel cutoff wall around main at center of levee. Regulator and reducing regulator on landward side. Permit No. 12508, 1978. FS Date: 06/11/2014					

Photo 2 of 2 : UCIP\_FA\_2015\_4376.jpg



Markers visible on oposite bank.

LM Start	<b>3.43</b>	Rating **	M	Issue No.	<b>63</b>
LM End	<b>3.43</b>	Issue Type +	Ma	Location *	WS
Category	Concrete Floodwalls			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			38.042672 °	38.042672 °
				-121.321283 °	-121.321283 °
DWR ID	DWR_NA0017_08_f_2015_63				
Action/Comments					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>3.46</b>	Rating **	U	Issue No.	<b>88</b>
LM End	<b>3.64</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.042657 °	38.042683 °	
			-121.322933 °	-121.317443 °	
DWR ID	DWR_NA0017_08_s_2012_88				
Action/Comments					
Fence					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_88\_20150911\_00026.jpg



Fences were found on the landside of the levee looking downstream.

LM Start	<b>3.58</b>	Rating **	M	Issue No.	<b>65</b>
LM End	<b>3.58</b>	Issue Type +	Ma	Location *	WS
Category	Concrete Floodwalls		GPS Latitude/Longitude		
			Start	End	
Item	Monolith Joints		38.042655 °	38.042655 °	
			-121.318534 °	-121.318534 °	
DWR ID	DWR_NA0017_08_f_2015_65				
Action/Comments					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>3.68</b>	Rating **	M	Issue No.	<b>1125</b>
LM End	<b>3.68</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.042654 °	38.042654 °
				-121.316787 °	-121.316787 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41383 DS_ID:23735 EP_NO: N/A FS_HLM: 3.753 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Appears abandoned and if so should be done so properly. Verify pipe status with PG&E or others. FIELD_STRUCT_DESC: 16-inch high pressure gas main through the levee at an unknown depth below the crown. Remnants of gasoline markers visible on LS toe. O&M Manual Bear Creek Part 1, June 1965. FS Date: 05/22/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_5246.jpg



Defunct gasoline marker on post next to powerpole on LS toe.

LM Start	<b>3.68</b>	Rating **	M	Issue No.	<b>1125 (cont)</b>
LM End	<b>3.68</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_5247.jpg



Defunct gasoline marker on post next to powerpole on LS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>3.68</b>	Rating **	M	Issue No.	<b>1125 (cont)</b>
LM End	<b>3.68</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.042654 °	38.042654 °
				-121.316787 °	-121.316787 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41383 DS_ID:23735 EP_NO: N/A FS_HLM: 3.753 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP\_FA\_2015\_5248.jpg



Looking south along rail line, there are no visible markers.

LM Start	<b>4.00</b>	Rating **	C	Issue No.	<b>117</b>
LM End	<b>4.00</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.042593 °	38.042593 °
				-121.312930 °	-121.312930 °
DWR ID	DWR_NA0017_08_f_2014_117				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	<b>4.06</b>	Rating **	M	Issue No.	<b>20</b>
LM End	<b>4.53</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.042529 °	38.042676 °
				-121.309720 °	-121.301179 °
DWR ID	DWR_NA0017_08_s_2012_20				
Action/Comments					
Ditch					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_20\_20150911\_00008.jpg



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

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>4.21</b>	Rating **	M	Issue No.	<b>1126</b>
LM End	<b>4.21</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.042499 °	38.042499 °
				-121.307033 °	-121.307033 °
DWR ID					

**Action/Comments**  
 Inspector Comments: FS\_ID:38506  
 DS\_ID:23837  
 EP\_NO: 17523  
 FS\_HLM: 4.299  
 Repair Type: Non-Urgent  
 Crossing Status: Indicator Found  
 UCIP Comments: Need markers closer to the levee.  
 FIELD\_STRUCT\_DESC: 1 of 2: 30-inch water line sleeved through a 54-inch steel casing through the levee, approximately 5.0 feet below the crown. Annular gap grouted. Blow-off valves at landward toe. Water line crossing markers at landside toe. Permit No. 17523, 2002.  
 FS Date: 05/22/2014

LM Start	<b>4.21</b>	Rating **	M	Issue No.	<b>1126 (cont)</b>
LM End	<b>4.21</b>	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP\_FA\_2015\_5245.jpg



Markers off LS toe.

Photo 2 of 2 : UCIP\_FA\_2015\_6657.jpg



Air valve marker off LS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>4.21</b>	Rating **	M	Issue No.	<b>1127</b>
LM End	<b>4.21</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.042500 °	38.042500 °
				-121.307002 °	-121.307002 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38505 DS_ID:23838 EP_NO: 17523 FS_HLM: 4.3011 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 1 of 1 : UCIP\_FA\_2015\_6656.jpg



Sewerline marker well off LS toe.

LM Start	<b>4.46</b>	Rating **	M	Issue No.	<b>66</b>
LM End	<b>4.46</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.042452 °	38.042452 °
				-121.302538 °	-121.302538 °
DWR ID	DWR_NA0017_08_f_2015_66				
Action/Comments					
Prunings					

No Photos

LM Start	<b>4.56</b>	Rating **	M	Issue No.	<b>27</b>
LM End	<b>4.56</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.042797 °	38.042797 °
				-121.300782 °	-121.300782 °
DWR ID	DWR_NA0017_08_s_2014_27				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Ruts on the waterside slope of the levee.					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_27\_20150928\_00099.jpg



Erosion caused by runoffs on the waterside slope of the levee looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>4.60</b>	Rating **	M	Issue No.	<b>46</b>
LM End	<b>4.60</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.043093 °	38.043093 °	
			-121.300166 °	-121.300166 °	
DWR ID	DWR_NA0017_08_s_2014_46				
Action/Comments					
Repair slope instability.					



A slope instability was found on the waterside of the levee looking downstream.

LM Start	<b>4.60</b>	Rating **	M	Issue No.	<b>67</b>
LM End	<b>4.60</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.043118 °	38.043118 °	
			-121.300067 °	-121.300067 °	
DWR ID	DWR_NA0017_08_f_2015_67				
Action/Comments					
Repair the levee slope damaged by foot traffic and prevent access where possible.					

No Photos

LM Start	<b>4.81</b>	Rating **	M	Issue No.	<b>68</b>
LM End	<b>4.81</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.043927 °	38.043927 °	
			-121.296462 °	-121.296462 °	
DWR ID	DWR_NA0017_08_f_2015_68				
Action/Comments					
Repair the levee slope damaged by foot traffic and prevent access where possible.					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>4.87</b>	Rating **	M	Issue No.	<b>1128</b>
LM End	<b>4.87</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.044000 °	38.044000 °
				-121.295435 °	-121.295435 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41970 DS_ID:25025 EP_NO: N/A FS_HLM: 4.976 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: Waterline of unknown diameter through the levee at an unknown depth below the crown. Valve on LS shoulder. FS Date: 05/22/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_6785.jpg



Valve box visible at edge of roadway on LS of levee.

LM Start	<b>4.87</b>	Rating **	M	Issue No.	<b>1128 (cont)</b>
LM End	<b>4.87</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP\_FA\_2015\_6786.jpg



Valve box LS of levee at edge of pavement.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>6.08</b>	Rating **	M	Issue No.	<b>1129</b>
LM End	<b>6.08</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.052236 °	38.052236 °
				-121.277581 °	-121.277581 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38429 DS_ID:23710 EP_NO: N/A FS_HLM: 6.215 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 1 of 2 : UCIP\_FA\_2015\_6651.jpg



Gasline marker visible on opposite bank.

LM Start	<b>6.08</b>	Rating **	M	Issue No.	<b>1129 (cont)</b>
LM End	<b>6.08</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP\_FA\_2015\_6652.jpg



Kinder Morgan gasline marker on LS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>6.16</b>	Rating **	M	Issue No.	<b>6</b>
LM End	<b>6.16</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.052204 °	38.052204 °	
			-121.276014 °	-121.276014 °	
DWR ID	DWR_NA0017_08_s_2015_6				
Action/Comments					
Repair slope instability. Inspector Comments: Runoff					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_6\_20150911\_00004.jpg



View of a slope instability due to runoff on the waterside of the levee looking upstream.

LM Start	<b>6.17</b>	Rating **	M	Issue No.	<b>1130</b>
LM End	<b>6.17</b>	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.052186 °	38.052186 °	
			-121.275812 °	-121.275812 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41790 DS_ID:23798 EP_NO: 15091 FS_HLM: 6.31 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe undergoing maintenance on Unit 7 side of channel. Need to verify status of pipe. If abandoned it should be done so properly. FIELD_STRUCT_DESC: 12-inch steel drainage siphon through the levee, 2.0 feet below the crown. Cutoff wall around pipe under waterward shoulder. Pipe burried on both toes, Permit No. 15091, 1996. FS Date: 07/15/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_6273.jpg



12-inch pipe with two 10-inch pipes attached to it on the LS toe of Unit 7 (pipe normally burried).

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	6.17	Rating **	M	Issue No.	1130 (cont)	
LM End	6.17	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
			Start	End		
Item	DWR UCIP Field Study			38.052186 °	38.052186 °	
				-121.275812 °	-121.275812 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:41790 DS_ID:23798 EP_NO: 15091 FS_HLM: 6.31 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe undergoing maintenance on Unit 7 side of channel. Need to verify status of pipe. If abandoned it should be done so properly. FIELD_STRUCT_DESC: 12-inch steel drainage siphon through the levee, 2.0 feet below the crown. Cutoff wall around pipe under waterward shoulder. Pipe burried on both toes, Permit No. 15091, 1996. FS Date: 07/15/2014						

Photo 2 of 2 : UCIP\_FA\_2015\_6274.jpg



12-inch pipe with two 10-inch pipes attached to it on the LS toe of Unit 7 (pipe normally burried).

LM Start	6.20	Rating **	M	Issue No.	1131	
LM End	6.20	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
			Start	End		
Item	DWR UCIP Field Study			38.052247 °	38.052247 °	
				-121.275311 °	-121.275311 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:38373 DS_ID:23713 EP_NO: N/A FS_HLM: 6.342 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Gate rusted shut on LS toe. FIELD_STRUCT_DESC: 24-inch CM stormdrain pipe through the levee, 7.9-feet below the crown. Concrete "U" headwalls on both ends. Flap gate on the waterward end. Slide gate on the landward end. Cobble grouted spillway across berm. O&M Manual Bear Creek Part 1, June 1965. Included in O&M Manual Bear Creek Addendum, February 1999. FS Date: 05/22/2014						

Photo 1 of 3 : UCIP\_FA\_2015\_6292.jpg



Slide gate on headwall at LS toe.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown N/A : Not Applicable	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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>6.20</b>	Rating **	M	Issue No.	<b>1131 (cont)</b>
LM End	<b>6.20</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.052247 °	38.052247 °
				-121.275311 °	-121.275311 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38373 DS_ID:23713 EP_NO: N/A FS_HLM: 6.342 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Gate rusted shut on LS toe. FIELD_STRUCT_DESC: 24-inch CM stormdrain pipe through the levee, 7.9-feet below the crown. Concrete "U" headwalls on both ends. Flap gate on the waterward end. Slide gate on the landward end. Cobble grouted spillway across berm. O&M Manual Bear Creek Part 1, June 1965. Included in O&M Manual Bear Creek Addendum, February 1999. FS Date: 05/22/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_6293.jpg



Headwall, flapgate, and grouted spillway on WS toe.

LM Start	<b>6.20</b>	Rating **	M	Issue No.	<b>1131 (cont)</b>
LM End	<b>6.20</b>	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_FA\_2015\_6294.jpg



Headwall and slidegate on LS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>6.53</b>	Rating **	M	Issue No.	<b>120</b>
LM End	<b>6.53</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.052994 °	38.052994 °
				-121.271526 °	-121.271526 °
DWR ID	DWR_NA0017_08_f_2014_120				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Surface runoff.					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_120\_20150911\_00037.jpg



View of the erosion due to runoff on the waterside of the levee looking upstream.

LM Start	<b>6.84</b>	Rating **	M	Issue No.	<b>5</b>
LM End	<b>7.03</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.054541 °	38.056616 °
				-121.264278 °	-121.261937 °
DWR ID	DWR_NA0017_08_s_2015_5				
Action/Comments					
Ditch					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_5\_20150911\_00003.jpg



View of a ditch on the landside toe of the levee looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>7.10</b>	Rating **	M	Issue No.	<b>1132</b>
LM End	<b>7.10</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.057557 °	38.057557 °
				-121.261469 °	-121.261469 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41408 DS_ID:25024 EP_NO: N/A FS_HLM: 7.266 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: Gasline through the levee at an unknown depth below the crown. Signs and shutoff valves on LS. FS Date: 05/21/2014					

Photo 1 of 1 : UCIP\_FA\_2015\_6784.jpg



Gasline markers, stations, and valves on LS of levee.

LM Start	<b>7.30</b>	Rating **	U	Issue No.	<b>1133</b>
LM End	<b>7.30</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.059986 °	38.059986 °
				-121.260001 °	-121.260001 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39744 DS_ID:23741 EP_NO: 4286A FS_HLM: 7.467 Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: Need to have PG&E identify and mark crossing. FIELD_STRUCT_DESC: 8-inch high pressure gas main through the levee, 3.7 feet below the crown. No marker visible. Application No. 4286, 1963. Included in O&M Manual Bear Creek Part 1, June 1965. FS Date: 05/22/2014					

Photo 1 of 1 : UCIP\_FA\_2015\_6267.jpg



No markers found on either levee at crossing.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>7.47</b>	Rating **	M	Issue No.	<b>1134</b>
LM End	<b>7.47</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.061845 °	38.061845 °
				-121.257800 °	-121.257800 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41809 DS_ID:23743 EP_NO: N/A FS_HLM: 7.648 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Cobbles building up at inlet and inside pipe along with sediment. FIELD_STRUCT_DESC: 24-inch CM stormdrain pipe through the levee, 7.0-feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the landward end. O&M Manual Bear Creek Part 2, 1967. Included in O&M Manual Bear Creek Addendum, February 1999. FS Date: 05/21/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6645.jpg



Concrete headwall on LS toe. Cobbles distributed at inlet.

LM Start	<b>7.47</b>	Rating **	M	Issue No.	<b>1134 (cont)</b>
LM End	<b>7.47</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_6646.jpg



Concrete headwall and flapgate at WS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>7.47</b>	Rating **	M	Issue No.	<b>1134 (cont)</b>
LM End	<b>7.47</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.061845 °	38.061845 °
				-121.257800 °	-121.257800 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41809 DS_ID:23743 EP_NO: N/A FS_HLM: 7.648 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_6647.jpg



Concrete headwall on LS toe.

LM Start	<b>7.51</b>	Rating **	M	Issue No.	<b>54</b>
LM End	<b>7.51</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.062223 °	38.062223 °
				-121.257300 °	-121.257300 °
DWR ID	DWR_NA0017_08_s_2012_54				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_54\_20150911\_00015.jpg



Landscaping along landside slope.

LM Start	<b>7.86</b>	Rating **	M	Issue No.	<b>72</b>
LM End	<b>7.86</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.064436 °	38.064436 °
				-121.251746 °	-121.251746 °
DWR ID	DWR_NA0017_08_f_2015_72				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_72\_20150928\_00103.jpg



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

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	7.99	Rating **	M	Issue No.	1135
LM End	7.99	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.064918 °	38.064918 °
				-121.249540 °	-121.249540 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38352 DS_ID:23744 EP_NO: N/A FS_HLM: 8.175 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Lid damaged/missing from CMP riser on WS slope. FIELD_STRUCT_DESC: 1 of 2: 36-inch CM stormdrain pipe through the levee 9.0-feet below the crown. Flap gate on the waterward end. Slide gate in 48-inch CMP riser on the waterward slope. Concrete "U" headwalls on both ends. Cobble grouted spillway on the channel bank. Cobble grouted apron in ditch on the landward side. O&M Manual Bear Creek Part 2, 1967. Included in O&M Manual Bear Creek Addendum, February 1999. FS Date: 05/21/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6642.jpg



Headwall at drainage channel on LS toe.

LM Start	7.99	Rating **	M	Issue No.	1135 (cont)
LM End	7.99	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_6643.jpg



Headwall at drainage channel on LS toe.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>7.99</b>	Rating **	M	Issue No.	<b>1135 (cont)</b>
LM End	<b>7.99</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.064918 °	38.064918 °
				-121.249540 °	-121.249540 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38352 DS_ID:23744 EP_NO: N/A FS_HLM: 8.175 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_6644.jpg



Slide gate in CMP riser on WS slope. Lid missing/damaged.

LM Start	<b>7.99</b>	Rating **	M	Issue No.	<b>1136</b>
LM End	<b>7.99</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.064927 °	38.064927 °
				-121.249520 °	-121.249520 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38351 DS_ID:23820 EP_NO: N/A FS_HLM: 8.176 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Lid damaged/missing on 48-inch CMP riser on WS slope. FIELD_STRUCT_DESC: 2 of 2: 36-inch CM stormdrain pipe through the levee, 9.0-feet below the crown. Flap gate on the waterward end. Slide gate in CMP risers on the waterward slope. Concrete "U" headwalls on both ends. Cobble grouted spillway on the channel bank. Cobble grouted apron in ditch on the landward side. O&M Manual Bear Creek Part 2, 1967. Included in O&M Manual Bear Creek Addendum, February 1999. FS Date: 05/21/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6614.jpg



Headwall on LS toe at drainage channel.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	7.99	Rating **	M	Issue No.	1136 (cont)
LM End	7.99	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.064927 °	38.064927 °
				-121.249520 °	-121.249520 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38351 DS_ID:23820 EP_NO: N/A FS_HLM: 8.176 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Lid damaged/missing on 48-inch CMP riser on WS slope. FIELD_STRUCT_DESC: 2 of 2: 36-inch CM stormdrain pipe through the levee, 9.0-feet below the crown. Flap gate on the waterward end. Slide gate in CMP risers on the waterward slope. Concrete "U" headwalls on both ends. Cobble grouted spillway on the channel bank. Cobble grouted apron in ditch on the landward side. O&M Manual Bear Creek Part 2, 1967. Included in O&M Manual Bear Creek Addendum, February 1999. FS Date: 05/21/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_6640.jpg



Headwall on LS toe at drainage channel.

LM Start	7.99	Rating **	M	Issue No.	1136 (cont)
LM End	7.99	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_FA\_2015\_6641.jpg



Slide gate in 48-inch CMP riser on WS slope. Note the missing lid material.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>8.83</b>	Rating **	M	Issue No.	<b>73</b>
LM End	<b>8.83</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.067130 °	38.067130 °	
			-121.234875 °	-121.234875 °	
DWR ID	DWR_NA0017_08_f_2015_73				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Surface runoff.					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_73\_20150928\_00104.jpg



Erosion due surface runoff was found on the landside of the levee looking downstream.

LM Start	<b>8.90</b>	Rating **	M	Issue No.	<b>1137</b>
LM End	<b>8.90</b>	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.067411 °	38.067411 °	
			-121.233550 °	-121.233550 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38348 DS_ID:23747 EP_NO: N/A FS_HLM: 9.114 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: CMP riser for siphon breaker on WS shoulder is filled in with soil. Pipe appears abandoned and if so should be done so properly. FIELD_STRUCT_DESC: 12-inch steel siphon pipe through the levee, 3.0-feet below the crown. Siphon breaker in CMP riser on the waterward slope. Siphon "clean out" in center of the channel. O&M Manual Bear Creek Part 2, 1967. Included in O&M Manual Bear Creek Addendum, February 1999. FS Date: 05/21/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_6612.jpg



CMP riser on Oposite bank in line with this crossing.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	8.90	Rating **	M	Issue No.	1137 (cont)
LM End	8.90	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.067411 °	38.067411 °
DWR ID				-121.233550 °	-121.233550 °
Action/Comments					
Inspector Comments: FS_ID:38348 DS_ID:23747 EP_NO: N/A FS_HLM: 9.114 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: CMP riser for siphon breaker on WS shoulder is filled in with soil. Pipe appears abandoned and if so should be done so properly. FIELD_STRUCT_DESC: 12-inch steel siphon pipe through the levee, 3.0-feet below the crown. Siphon breaker in CMP riser on the waterward slope. Siphon "clean out" in center of the channel. O&M Manual Bear Creek Part 2, 1967. Included in O&M Manual Bear Creek Addendum, February 1999. FS Date: 05/21/2014					

Photo 2 of 2 : UCIP\_FA\_2015\_6613.jpg



CMP riser for siphon breaker filled in with soil on WS shoulder.

LM Start	9.27	Rating **	M	Issue No.	53
LM End	9.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.069527 °	38.069527 °
DWR ID	DWR_NA0017_08_s_2015_53			-121.227412 °	-121.227412 °
Action/Comments					
Repair slope instability. Inspector Comments: Runoff					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>9.30</b>	Rating **	M	Issue No.	<b>55</b>
LM End	<b>9.30</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.069698 °	38.069698 °	
			-121.226930 °	-121.226930 °	
DWR ID	DWR_NA0017_08_s_2012_55				
Action/Comments					
Prunings Inspector Comments: Burn pile has been burned but new material has been placed.					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_55\_20150911\_00016.jpg



Prunings were found on the landside of the levee looking upstream.

LM Start	<b>9.42</b>	Rating **	M	Issue No.	<b>75</b>
LM End	<b>9.42</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.069797 °	38.069797 °	
			-121.224693 °	-121.224693 °	
DWR ID	DWR_NA0017_08_f_2015_75				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_75\_20150928\_00105.jpg



Rodent holes were found on the waterside of the levee looking downstream.

LM Start	<b>9.52</b>	Rating **	M	Issue No.	<b>35</b>
LM End	<b>9.52</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.069845 °	38.069845 °	
			-121.222910 °	-121.222910 °	
DWR ID	DWR_NA0017_08_s_2012_35				
Action/Comments					
Pole					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>9.52</b>	Rating **	M	Issue No.	<b>56</b>
LM End	<b>9.52</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.069845 °	38.069845 °
				-121.222910 °	-121.222910 °
DWR ID	DWR_NA0017_08_s_2012_56				
Action/Comments					
Pipe					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_56\_20150911\_00017.jpg



An open pipe was found on the waterside of the levee looking downstream.

LM Start	<b>9.52</b>	Rating **	M	Issue No.	<b>1138</b>
LM End	<b>9.52</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.069812 °	38.069812 °
				-121.222840 °	-121.222840 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41601 DS_ID:23724 EP_NO: N/A FS_HLM: 9.751 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Gate valve appears to be rusted closed. FIELD_STRUCT_DESC: 8-inch wrapped steel irrigation pipe through the levee 3.5-feet below the crown. Gate valve on the waterward side. Pump sits on 36-inch CMP sump on the waterward berm . 24-inch CM intake pipe from CMP riser unit for pump to concrete "U" headwall with cobble grouted inlet at waters edge. 44-inch concrete standpipe on the LS toe. 1.5-inch capped galvanized iron electrical conduit at same location. O&M Manual Bear Creek Part 2, 1967. FS Date: 05/21/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6606.jpg



Pipe and pump over 36-inch CMP sump at WS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	9.52	Rating **	M	Issue No.	1138 (cont)
LM End	9.52	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.069812 °	38.069812 °
				-121.222840 °	-121.222840 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41601 DS_ID:23724 EP_NO: N/A FS_HLM: 9.751 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Gate valve appears to be rusted closed. FIELD_STRUCT_DESC: 8-inch wrapped steel irrigation pipe through the levee 3.5-feet below the crown. Gate valve on the waterward side. Pump sits on 36-inch CMP sump on the waterward berm . 24-inch CM intake pipe from CMP riser unit for pump to concrete "U" headwall with cobble grouted inlet at waters edge. 44-inch concrete standpipe on the LS toe. 1.5-inch capped galvanized iron electrical conduit at same location. O&M Manual Bear Creek Part 2, 1967. FS Date: 05/21/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_6607.jpg



Pipe, gate valve, and electrical conduit on WS slope.

LM Start	9.52	Rating **	M	Issue No.	1138 (cont)
LM End	9.52	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_FA\_2015\_6608.jpg



Concrete U-shaped headwall at waters edge-inlet for 24-inch CMP pump over sump on WS toe.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>9.53</b>	Rating **	M	Issue No.	<b>1139</b>
LM End	<b>9.53</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.069786 °	38.069786 °
				-121.222760 °	-121.222760 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41071 DS_ID:23725 EP_NO: N/A FS_HLM: 9.749 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_6609.jpg



concrete standpipe and 4-inch steel riser on opposite bank.

LM Start	<b>9.53</b>	Rating **	M	Issue No.	<b>1139 (cont)</b>
LM End	<b>9.53</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_6610.jpg



Damaged 4-inch steel riser pipe on WS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>9.53</b>	Rating **	M	Issue No.	<b>1139 (cont)</b>
LM End	<b>9.53</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.069786 °	38.069786 °
				-121.222760 °	-121.222760 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41071 DS_ID:23725 EP_NO: N/A FS_HLM: 9.749 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_6611.jpg



60-inch concrete riser with slidegate inside on LS toe.

LM Start	<b>9.63</b>	Rating **	M	Issue No.	<b>76</b>
LM End	<b>9.63</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.069807 °	38.069807 °
				-121.220890 °	-121.220890 °
DWR ID	DWR_NA0017_08_f_2015_76				
Action/Comments					
Repair slope instability.					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_76\_20150928\_00106.jpg



A slope instability was found on the waterside of the levee looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>9.78</b>	Rating **	M	Issue No.	<b>1140</b>
LM End	<b>9.78</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.070510 °	38.070510 °
				-121.218520 °	-121.218520 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:38239 DS_ID:23727 EP_NO: N/A FS_HLM: 10.011 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Sediment and debris buildup inside pipe on LS toe. FIELD_STRUCT_DESC: 24-inch CM stormdrain pipe through the levee, 7-feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the landward end. O&M Manual Bear Creek Part 2, 1967. Included in O&M Manual Bear Creek Addendum, February 1999. FS Date: 05/21/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6458.jpg



Headwall at LS toe.

LM Start	<b>9.78</b>	Rating **	M	Issue No.	<b>1140 (cont)</b>
LM End	<b>9.78</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_6459.jpg



Headwall, flapgate, and grouted spillway on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>9.78</b>	Rating **	M	Issue No.	<b>1140 (cont)</b>
LM End	<b>9.78</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.070510 °	38.070510 °
				-121.218520 °	-121.218520 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38239 DS_ID:23727 EP_NO: N/A FS_HLM: 10.011 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_6460.jpg



Headwall at LS toe.

LM Start	<b>9.99</b>	Rating **	M	Issue No.	<b>950</b>
LM End	<b>10.21</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.072645 °	38.073670 °
				-121.215860 °	-121.212145 °
DWR ID	DWR_NA0017_08_s_2012_950				
Action/Comments					
Fence					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_950\_20150911\_00042.jpg



A fence was found on the landside toe of the levee looking upstream.

LM Start	<b>10.04</b>	Rating **	M	Issue No.	<b>78</b>
LM End	<b>10.04</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.072884 °	38.072884 °
				-121.215102 °	-121.215102 °
DWR ID	DWR_NA0017_08_f_2015_78				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_78\_20150928\_00107.jpg



An animal borrow was found on the waterside of the levee looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>10.23</b>	Rating **	M	Issue No.	<b>1141</b>
LM End	<b>10.23</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.073725 °	38.073725 °
				-121.211715 °	-121.211715 °
DWR ID					

**Action/Comments**  
 Inspector Comments: FS\_ID:41808  
 DS\_ID:23729  
 EP\_NO: N/A  
 FS\_HLM: 10.478  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: Some sediment buildup in pipe at LS toe.  
 FIELD\_STRUCT\_DESC: 24-inch CM stormdrain pipe through the levee, 7-feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the landward end. O&M Manual Bear Creek Part 2, 1967. Included in O&M Manual Bear Creek Addendum, February 1999.  
 FS Date: 05/21/2014

LM Start	<b>10.23</b>	Rating **	M	Issue No.	<b>1141 (cont)</b>
LM End	<b>10.23</b>	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP\_FA\_2015\_6303.jpg



Headwall, flapgate, and grouted spillway on WS slope.

Photo 2 of 2 : UCIP\_FA\_2015\_6304.jpg



Headwall at LS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>10.39</b>	Rating **	M	Issue No.	<b>79</b>
LM End	<b>10.39</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.075132 °	38.075132 °	
			-121.208341 °	-121.208341 °	
DWR ID	DWR_NA0017_08_f_2015_79				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_79\_20150928\_00108.jpg



Rodent holes were found on the waterside slope of the levee looking downstream.

LM Start	<b>10.52</b>	Rating **	M	Issue No.	<b>94</b>
LM End	<b>10.52</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.076880 °	38.076880 °	
			-121.207703 °	-121.207703 °	
DWR ID	DWR_NA0017_08_s_2015_94				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 2 : FA\_2015\_NA0017\_152\_94\_20150928\_00109.jpg



Updated picture of the rodent holes on the waterside of the levee looking downstream during fall 2015 inspection.

LM Start	<b>10.52</b>	Rating **	M	Issue No.	<b>94 (cont)</b>
LM End	<b>10.52</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA\_2015\_NA0017\_152\_94\_20150911\_00030.jpg



Rodent holes were found on the waterside of the levee looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>10.65</b>	Rating **	M	Issue No.	<b>1142</b>
LM End	<b>10.65</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.078140 °	38.078140 °
				-121.205820 °	-121.205820 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41810 DS_ID:23749 EP_NO: N/A FS_HLM: 10.97 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_6300.jpg



Headwall at LS toe.

LM Start	<b>10.65</b>	Rating **	M	Issue No.	<b>1142 (cont)</b>
LM End	<b>10.65</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_6301.jpg



Headwall, flapgat, and grouted spillway on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>10.65</b>	Rating **	M	Issue No.	<b>1142 (cont)</b>
LM End	<b>10.65</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.078140 °	38.078140 °
				-121.205820 °	-121.205820 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41810 DS_ID:23749 EP_NO: N/A FS_HLM: 10.97 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_6302.jpg



Headwall at LS toe.

LM Start	<b>11.14</b>	Rating **	M	Issue No.	<b>1107</b>
LM End	<b>11.30</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.081678 °	38.083292 °
				-121.198682 °	-121.196662 °
DWR ID	DWR_NA0017_08_s_2012_1107				
Action/Comments					
Fence Inspector Comments: Barbed wire fence on landward toe.					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_1107\_20150911\_00094.jpg



View of a fence at the landward toe looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>11.31</b>	Rating **	M	Issue No.	<b>1143</b>
LM End	<b>11.31</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.083428 °	38.083428 °
				-121.196474 °	-121.196474 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:38220 DS_ID:23753 EP_NO: N/A FS_HLM: 11.647 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Rodent activity at LS shoulder. FIELD_STRUCT_DESC: 24-inch CM stormdrain pipe through the levee, 7.5-feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both slopes. Cobble grouted spillway on the WS slope. O&M Manual Bear Creek Part 2, 1967. Included in O&M Manual Bear Creek Addendum, February 1999. FS Date: 05/21/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6251.jpg



Headwall on LS toe.

LM Start	<b>11.31</b>	Rating **	M	Issue No.	<b>1143 (cont)</b>
LM End	<b>11.31</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_6252.jpg



Headwall, flapgate, and grouted spillway on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>11.31</b>	Rating **	M	Issue No.	<b>1143 (cont)</b>
LM End	<b>11.31</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.083428 °	38.083428 °
				-121.196474 °	-121.196474 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38220 DS_ID:23753 EP_NO: N/A FS_HLM: 11.647 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_6253.jpg



Headwall at LS toe.

LM Start	<b>11.66</b>	Rating **	C	Issue No.	<b>109</b>
LM End	<b>11.66</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.086023 °	38.086023 °
				-121.191252 °	-121.191252 °
DWR ID	DWR_NA0017_08_s_2015_109				
Action/Comments					
Repair slope instability.					

No Photos

LM Start	<b>11.69</b>	Rating **	M	Issue No.	<b>111</b>
LM End	<b>11.69</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.086135 °	38.086135 °
				-121.190670 °	-121.190670 °
DWR ID	DWR_NA0017_08_s_2015_111				
Action/Comments					
Repair slope instability. Inspector Comments: Slope instability caused by rodent holes.					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_111\_20150911\_00036.jpg



View of slope instability due to rodent holes on the waterside of the levee looking downstream.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	11.70	Rating **	M	Issue No.	1144
LM End	11.70	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.086137 °	38.086137 °
				-121.190458 °	-121.190458 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:38219 DS_ID:23754 EP_NO: N/A FS_HLM: 12.049 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Rodent activity in area on WS slope. FIELD_STRUCT_DESC: 24-inch CM stormdrain pipe through the levee, 7.5-feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the landward end. O&M Manual Bear Creek Part 2, 1967. FS Date: 05/21/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6248.jpg



Headwall on LS toe.

LM Start	11.70	Rating **	M	Issue No.	1144 (cont)
LM End	11.70	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_6249.jpg



Headwall, flapgate, and grouted spillway on WS slope.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>11.70</b>	Rating **	M	Issue No.	<b>1144 (cont)</b>
LM End	<b>11.70</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.086137 °	38.086137 °
				-121.190458 °	-121.190458 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38219 DS_ID:23754 EP_NO: N/A FS_HLM: 12.049 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_6250.jpg



Headwall at LS toe. 4-inch PVC backwash from filter plant discharges at headwall.

LM Start	<b>11.73</b>	Rating **	M	Issue No.	<b>80</b>
LM End	<b>11.73</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.086219 °	38.086219 °
				-121.190030 °	-121.190030 °
DWR ID	DWR_NA0017_08_f_2015_80				
Action/Comments					
Repair slope instability.					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_80\_20150928\_00110.jpg



Slope instability was found on the waterside of the levee looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>11.77</b>	Rating **	M	Issue No.	<b>1145</b>
LM End	<b>11.77</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.086470 °	38.086470 °
				-121.189289 °	-121.189289 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41632 DS_ID:23755 EP_NO: N/A FS_HLM: 12.12 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Appears abandoned and if so should be done so properly. Good candidate for video inspection. FIELD_STRUCT_DESC: 24-inch CM siphon pipe through the levee, 8.0 feet below the crown. Slide gate in 36-inch CMP riser on the waterward slope. Possible turnout next to filter plant off LS toe. O&M Manual Bear Creek Part 2, 1967. FS Date: 05/21/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_6246.jpg



Possible turnout at farside of filter plant off LS toe.

Photo 2 of 2 : UCIP\_FA\_2015\_6247.jpg



Slide gate in CMP riser on WS slope with same on opposite bank visible in background.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>11.81</b>	Rating **	M	Issue No.	<b>128</b>
LM End	<b>11.81</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.086116 °	38.086116 °
				-121.190630 °	-121.190630 °
DWR ID	DWR_NA0017_08_f_2014_128				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_128\_20150911\_00038.jpg



Erosion was found on the landside of the levee looking upstream.

LM Start	<b>11.84</b>	Rating **	M	Issue No.	<b>1146</b>
LM End	<b>11.84</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.087303 °	38.087303 °
				-121.188608 °	-121.188608 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38216 DS_ID:23756 EP_NO: N/A FS_HLM: 12.191 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: CMP riser missing cover on WS slope. FIELD_STRUCT_DESC: 1 of 2: 48-inch CM stormdrain pipe through the levee, 8.5-feet below the crown. Slide gate in 60-inch CMP riser on the WS slope. Concrete "U" headwalls on both ends. Cobble grouted spillway on the waterward end. Cobble grouted apron on the landward end. O&M Manual Bear Creek Part 2, 1967. Included in O&M Manual Bear Creek Addendum, February 1999. FS Date: 05/21/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6245.jpg



Headwall on LS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>11.84</b>	Rating **	M	Issue No.	<b>1146 (cont)</b>
LM End	<b>11.84</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.087303 °	38.087303 °
				-121.188608 °	-121.188608 °
DWR ID					

**Action/Comments**

Inspector Comments: FS\_ID:38216  
 DS\_ID:23756  
 EP\_NO: N/A  
 FS\_HLM: 12.191  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: CMP riser missing cover on WS slope.  
 FIELD\_STRUCT\_DESC: 1 of 2: 48-inch CM stormdrain pipe through the levee, 8.5-feet below the crown. Slide gate in 60-inch CMP riser on the WS slope. Concrete "U" headwalls on both ends. Cobble grouted spillway on the waterward end. Cobble grouted apron on the landward end. O&M Manual Bear Creek Part 2, 1967. Included in O&M Manual Bear Creek Addendum, February 1999.  
 FS Date: 05/21/2014

LM Start	<b>11.84</b>	Rating **	M	Issue No.	<b>1146 (cont)</b>
LM End	<b>11.84</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_6816.jpg



Headwall on LS toe.

Photo 3 of 3 : UCIP\_FA\_2015\_6817.jpg



Slide gate in CMP riser on WS slope missing cover.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>11.84</b>	Rating **	M	Issue No.	<b>1147</b>
LM End	<b>11.84</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.087319 °	38.087319 °
				-121.188596 °	-121.188596 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38214 DS_ID:23818 EP_NO: N/A FS_HLM: 12.192 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_6813.jpg



Headwall on LS toe.

LM Start	<b>11.84</b>	Rating **	M	Issue No.	<b>1147 (cont)</b>
LM End	<b>11.84</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_6814.jpg



Slidegate on WS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>11.84</b>	Rating **	M	Issue No.	<b>1147 (cont)</b>
LM End	<b>11.84</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.087319 °	38.087319 °
				-121.188596 °	-121.188596 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38214 DS_ID:23818 EP_NO: N/A FS_HLM: 12.192 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_6815.jpg



Headwall on LS toe.

LM Start	<b>11.84</b>	Rating **	C	Issue No.	<b>74</b>
LM End	<b>11.84</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.086226 °	38.086226 °
				-121.190051 °	-121.190051 °
DWR ID	DWR_NA0017_08_s_2014_74				
Action/Comments					
Repair slope instability.					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	12.07	Rating **	M	Issue No.	1148
LM End	12.07	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.089088 °	38.089088 °
				-121.185187 °	-121.185187 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:41811 DS_ID:23757 EP_NO: N/A FS_HLM: 12.429 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Some sediment buildup in pipe at inlet. FIELD_STRUCT_DESC: 24-inch CM stormdrain pipe through the levee, 9.0-feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the landward end. O&M Manual Bear Creek Part 2, 1967. Included in O&M Manual Bear Creek Addendum, February 1999. FS Date: 05/21/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6762.jpg



Headwall on LS toe.

LM Start	12.07	Rating **	M	Issue No.	1148 (cont)
LM End	12.07	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_6763.jpg



Headwall, flapgate, and grouted spillway on WS slope.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>12.07</b>	Rating **	M	Issue No.	<b>1148 (cont)</b>
LM End	<b>12.07</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.089088 °	38.089088 °
				-121.185187 °	-121.185187 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41811 DS_ID:23757 EP_NO: N/A FS_HLM: 12.429 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_6764.jpg



Headwall on LS toe.

LM Start	<b>12.22</b>	Rating **	M	Issue No.	<b>1149</b>
LM End	<b>12.22</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.091072 °	38.091072 °
				-121.184289 °	-121.184289 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38212 DS_ID:23760 EP_NO: N/A FS_HLM: 12.581 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pump appears abandoned and if so should be done so properly. Pipe on opposite bank rusted through at connection to CMP standpipe. Good candidate for video inspection. FIELD_STRUCT_DESC: 12-inch steel irrigation pipe through the levee, 9.0-feet below the crown. Two slide gates in a 36-inch CMP riser on the waterward slope. Siphon clean out in the center of channel. 8-inch steel pipe from pump at LM 12.56 discharges into 36-inch CMP riser on WS slope. O&M Manual Bear Creek Part 2, 1967. FS Date: 05/21/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6759.jpg



Two slidegates in 36-inch CMP riser on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	12.22	Rating **	M	Issue No.	1149 (cont)
LM End	12.22	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.091072 °	38.091072 °
				-121.184289 °	-121.184289 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38212 DS_ID:23760 EP_NO: N/A FS_HLM: 12.581 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pump appears abandoned and if so should be done so properly. Pipe on opposite bank rusted through at connection to CMP standpipe. Good candidate for video inspection. FIELD_STRUCT_DESC: 12-inch steel irrigation pipe through the levee, 9.0-feet below the crown. Two slide gates in a 36-inch CMP riser on the waterward slope. Siphon clean out in the center of channel. 8-inch steel pipe from pump at LM 12.56 discharges into 36-inch CMP riser on WS slope. O&M Manual Bear Creek Part 2, 1967. FS Date: 05/21/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_6760.jpg



Pump and irrigation pipe at LM 12.562- discharges in to this crossing at CMP riser on WS slope.

LM Start	12.22	Rating **	M	Issue No.	1149 (cont)
LM End	12.22	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_FA\_2015\_6761.jpg



24-inch pipe from WS toe to sump over pump at LM 12.562

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>12.23</b>	Rating **	M	Issue No.	<b>61</b>
LM End	<b>12.49</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.091210 °	38.091777 °	
			-121.184147 °	-121.181578 °	
DWR ID	DWR_NA0017_08_s_2012_61				
Action/Comments					
Fence					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_61\_20150911\_00018.jpg



A fence was found on the landside of the levee looking upstream.

LM Start	<b>12.41</b>	Rating **	M	Issue No.	<b>62</b>
LM End	<b>12.56</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.091817 °	38.092120 °	
			-121.181053 °	-121.178323 °	
DWR ID	DWR_NA0017_08_s_2012_62				
Action/Comments					
Fence Inspector Comments: Barbed wire fence within 10 feet of the landward toe.					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_62\_20150911\_00019.jpg



A fence was located on the landside toe of the levee looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>12.56</b>	Rating **	M	Issue No.	<b>1150</b>
LM End	<b>12.56</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.092099 °	38.092099 °
				-121.178310 °	-121.178310 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:39747 DS_ID:23762 EP_NO: 7890 FS_HLM: 12.931 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Concrete standpipe at LS toe is leaking. FIELD_STRUCT_DESC: 12-inch steel irrigation pipe through the levee, 3.0-feet below the crown. Steel cutoff wall around pipe at center of levee. Vertical pump in sump at waterward toe. 36-inch Concrete standpipe on landward side. Rock revetment on waterward slope. Permit No. 7890, 1973. FS Date: 05/21/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6268.jpg



Pipe and standpipe visible on LS toe.

LM Start	<b>12.56</b>	Rating **	M	Issue No.	<b>1150 (cont)</b>
LM End	<b>12.56</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_6269.jpg



Pump over sump on WS slope with electrical conduit.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>12.56</b>	Rating **	M	Issue No.	<b>1150 (cont)</b>
LM End	<b>12.56</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.092099 °	38.092099 °
				-121.178310 °	-121.178310 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39747 DS_ID:23762 EP_NO: 7890 FS_HLM: 12.931 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_6755.jpg



36-inch concrete standpipe on LS toe with pipe visible. Standpipe leaks.

LM Start	<b>12.56</b>	Rating **	M	Issue No.	<b>1151</b>
LM End	<b>12.56</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.092110 °	38.092110 °
				-121.178247 °	-121.178247 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38208 DS_ID:23763 EP_NO: N/A FS_HLM: 12.931 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Siphon appears abandoned and if so should be done so properly. Good candidate for video inspection. FIELD_STRUCT_DESC: 1 of 2: 10-inch steel irrigation siphon through the levee 8-feet below the crown. Siphon cleanout in center of channel. Two slide gates in 36-inch CMP riser on WS slope. O&M Manual Bear Creek Part 2, 1967. Included in O&M Manual Bear Creek Addendum, February 1999. FS Date: 05/21/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6756.jpg



No evidence of discharge point at LS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	12.56	Rating **	M	Issue No.	1151 (cont)
LM End	12.56	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.092110 °	38.092110 °
				-121.178247 °	-121.178247 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38208 DS_ID:23763 EP_NO: N/A FS_HLM: 12.931 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Siphon appears abandoned and if so should be done so properly. Good candidate for video inspection. FIELD_STRUCT_DESC: 1 of 2: 10-inch steel irrigation siphon through the levee 8-feet below the crown. Siphon cleanout in center of channel. Two slide gates in 36-inch CMP riser on WS slope. O&M Manual Bear Creek Part 2, 1967. Included in O&M Manual Bear Creek Addendum, February 1999. FS Date: 05/21/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_6757.jpg



CMP riser in alignment with this crossing at opposite bank.

LM Start	12.56	Rating **	M	Issue No.	1151 (cont)
LM End	12.56	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_6758.jpg



Two slide gates in a 36-inch CMP riser on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>12.56</b>	Rating **	M	Issue No.	<b>64</b>
LM End	<b>12.56</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.092132 °	38.092132 °	
			-121.178238 °	-121.178238 °	
DWR ID	DWR_NA0017_08_s_2012_64				
Action/Comments					
Pole					

No Photos

LM Start	<b>12.75</b>	Rating **	C	Issue No.	<b>130</b>
LM End	<b>12.75</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.092636 °	38.092636 °	
			-121.177188 °	-121.177188 °	
DWR ID	DWR_NA0017_08_f_2014_130				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

No Photos

LM Start	<b>12.84</b>	Rating **	M	Issue No.	<b>133</b>
LM End	<b>12.84</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.096581 °	38.096581 °	
			-121.175898 °	-121.175898 °	
DWR ID	DWR_NA0017_08_s_2015_133				
Action/Comments					
Prunings					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>12.87</b>	Rating **	M	Issue No.	<b>1152</b>
LM End	<b>12.87</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.096928 °	38.096928 °
				-121.175860 °	-121.175860 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38204 DS_ID:23766 EP_NO: N/A FS_HLM: 13.244 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned and if so should be done so properly. good candidate for video inspection. FIELD_STRUCT_DESC: 10-inch steel irrigation siphon through the levee, 8.0 feet below the crown. Gate valve in 48-inch CMP riser on the waterward slope. O&M Manual Bear Creek Part 2, 1967. FS Date: 05/21/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6615.jpg



48-inch CMP riser on WS slope.

LM Start	<b>12.87</b>	Rating **	M	Issue No.	<b>1152 (cont)</b>
LM End	<b>12.87</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_6616.jpg



Pump station on LS toe not connected, but may have been.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>12.87</b>	Rating **	M	Issue No.	<b>1152 (cont)</b>
LM End	<b>12.87</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.096928 °	38.096928 °
				-121.175860 °	-121.175860 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38204 DS_ID:23766 EP_NO: N/A FS_HLM: 13.244 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_6617.jpg



Gate valve at bottom of 48-inch CMP riser on WS slope.

LM Start	<b>12.98</b>	Rating **	M	Issue No.	<b>1153</b>
LM End	<b>12.98</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.098566 °	38.098566 °
				-121.175704 °	-121.175704 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38144 DS_ID:23768 EP_NO: N/A FS_HLM: 13.358 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Some debris buildup at inlet. No lid on CMP riser on WS slope. FIELD_STRUCT_DESC: 1 of 2: 36-inch CM stormdrain pipe through the levee, 10-feet below the crown. Concrete "U" headwall on both ends. Slide gate in CMP riser on the waterward slope. Flap gate on the waterward ends. O&M Manual Bear Creek Part 2, 1967. FS Date: 05/21/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_4378.jpg



Headwall on LS toe. Note debris buildup.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	12.98	Rating **	M	Issue No.	1153 (cont)
LM End	12.98	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.098566 °	38.098566 °
				-121.175704 °	-121.175704 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38144 DS_ID:23768 EP_NO: N/A FS_HLM: 13.358 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Some debris buildup at inlet. No lid on CMP riser on WS slope. FIELD_STRUCT_DESC: 1 of 2: 36-inch CM stormdrain pipe through the levee, 10-feet below the crown. Concrete "U" headwall on both ends. Slide gate in CMP riser on the waterward slope. Flap gate on the waterward ends. O&M Manual Bear Creek Part 2, 1967. FS Date: 05/21/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_4379.jpg



Headwall on LS toe. Note debris buildup.

LM Start	12.98	Rating **	M	Issue No.	1153 (cont)
LM End	12.98	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_4380.jpg



Slidegate in CMP riser on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>12.98</b>	Rating **	M	Issue No.	<b>1154</b>
LM End	<b>12.98</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.098582 °	38.098582 °
				-121.175703 °	-121.175703 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38143 DS_ID:23816 EP_NO: N/A FS_HLM: 13.359 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_4377.jpg



Slide gate in CMP riser on WS slope.

LM Start	<b>12.98</b>	Rating **	M	Issue No.	<b>1154 (cont)</b>
LM End	<b>12.98</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_5197.jpg



Headwall on LS toe. Note debris buildup.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>12.98</b>	Rating **	M	Issue No.	<b>1154 (cont)</b>
LM End	<b>12.98</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.098582 °	38.098582 °
				-121.175703 °	-121.175703 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38143 DS_ID:23816 EP_NO: N/A FS_HLM: 13.359 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_5198.jpg



Headwall on LS toe. Note debris buildup.

LM Start	<b>13.16</b>	Rating **	M	Issue No.	<b>70</b>
LM End	<b>13.18</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.100862 °	38.101168 °
				-121.176835 °	-121.177063 °
DWR ID	DWR_NA0017_08_s_2012_70				
Action/Comments					
Landscaping Inspector Comments: Cacti was found on the landside of the levee.					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_70\_20150911\_00020.jpg



Cacti was found on the landside of the levee looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>13.22</b>	Rating **	M	Issue No.	<b>1155</b>
LM End	<b>13.22</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.101768 °	38.101768 °
				-121.177161 °	-121.177161 °
DWR ID					

**Action/Comments**  
 Inspector Comments: FS\_ID:41527  
 DS\_ID:25023  
 EP\_NO: N/A  
 FS\_HLM: 13.601  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: No permit identified for this crossing.  
 FIELD\_STRUCT\_DESC: 1.5-inch galvanized iron conduit through the levee at an unknowd depth beneath the crown. Pipe visible on upstream side of bridge. Likely electrical power for signal 300-feet to the east of crown. 18"X24" Christy box on LS shoulder.  
 FS Date: 05/20/2014

LM Start	<b>13.22</b>	Rating **	M	Issue No.	<b>1155 (cont)</b>
LM End	<b>13.22</b>	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP\_FA\_2015\_6781.jpg



Signal at center left of photo is likely destination for this conduit.

Photo 2 of 3 : UCIP\_FA\_2015\_6782.jpg



Pipe visible on upstream side of bridge.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>13.22</b>	Rating **	M	Issue No.	<b>1155 (cont)</b>
LM End	<b>13.22</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.101768 °	38.101768 °
				-121.177161 °	-121.177161 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41527 DS_ID:25023 EP_NO: N/A FS_HLM: 13.601 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_6783.jpg



Pipe visible on upstream side of bridge.

LM Start	<b>13.35</b>	Rating **	C	Issue No.	<b>83</b>
LM End	<b>13.35</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.101934 °	38.101934 °
				-121.177144 °	-121.177144 °
DWR ID	DWR_NA0017_08_s_2014_83				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

No Photos

LM Start	<b>13.37</b>	Rating **	C	Issue No.	<b>131</b>
LM End	<b>13.37</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.102230 °	38.102230 °
				-121.177161 °	-121.177161 °
DWR ID	DWR_NA0017_08_f_2014_131				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>13.42</b>	Rating **	C	Issue No.	<b>84</b>
LM End	<b>13.42</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.102876 °	38.102876 °	
			-121.177057 °	-121.177057 °	
DWR ID	DWR_NA0017_08_s_2014_84				
Action/Comments					
Agricultural tilling					

No Photos

LM Start	<b>13.62</b>	Rating **	M	Issue No.	<b>77</b>
LM End	<b>13.62</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.105617 °	38.105617 °	
			-121.175923 °	-121.175923 °	
DWR ID	DWR_NA0017_08_s_2012_77				
Action/Comments					
Pole					

No Photos

LM Start	<b>13.72</b>	Rating **	M	Issue No.	<b>82</b>
LM End	<b>13.72</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.107803 °	38.107803 °	
			-121.173179 °	-121.173179 °	
DWR ID	DWR_NA0017_08_f_2015_82				
Action/Comments					
Debris					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>14.08</b>	Rating **	M	Issue No.	<b>1156</b>
LM End	<b>14.08</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.112950 °	38.112950 °
				-121.171992 °	-121.171992 °
DWR ID					

**Action/Comments**  
 Inspector Comments: FS\_ID:38133  
 DS\_ID:23776  
 EP\_NO: N/A  
 FS\_HLM: 14.467  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: Some silt buildup inside pipe.  
 FIELD\_STRUCT\_DESC: 24-inch CM stormdrain pipe through the levee, 4-feet below the crown. Concrete "U" headwall on both ends. Flap gate on the waterward end. Cobble grouted spillway. Cobble grouted intake on the landside. O&M Manual Bear Creek Part 2, 1967.  
 FS Date: 05/21/2014

LM Start	<b>14.08</b>	Rating **	M	Issue No.	<b>1156 (cont)</b>
LM End	<b>14.08</b>	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP\_FA\_2015\_5077.jpg



Headwall on LS toe.

Photo 2 of 3 : UCIP\_FA\_2015\_5078.jpg



Headwall, flapgate, and grouted spillway on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>14.08</b>	Rating **	M	Issue No.	<b>1156 (cont)</b>
LM End	<b>14.08</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.112950 °	38.112950 °
				-121.171992 °	-121.171992 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38133 DS_ID:23776 EP_NO: N/A FS_HLM: 14.467 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_5079.jpg



Headwall on LS toe.

LM Start	<b>14.26</b>	Rating **	M	Issue No.	<b>98</b>
LM End	<b>14.26</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.113768 °	38.113768 °
				-121.171900 °	-121.171900 °
DWR ID	DWR_NA0017_08_f_2012_98				
Action/Comments					
Pole					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>14.31</b>	Rating **	M	Issue No.	<b>1157</b>
LM End	<b>14.31</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.116164 °	38.116164 °
				-121.171657 °	-121.171657 °
DWR ID					

**Action/Comments**  
 Inspector Comments: FS\_ID:38130  
 DS\_ID:23778  
 EP\_NO: N/A  
 FS\_HLM: 14.691  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: Some silt buildup inside pipe.  
 FIELD\_STRUCT\_DESC: 24-inch CM stormdrain pipe through the levee, 4-feet below the crown. Concrete "U" headwall on both ends. Flap gate on the waterward end. Cobble grouted spillway. Cobble grouted intake on the landside. O&M Manual Bear Creek Part 2, 1967.  
 FS Date: 05/21/2014

LM Start	<b>14.31</b>	Rating **	M	Issue No.	<b>1157 (cont)</b>
LM End	<b>14.31</b>	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP\_FA\_2015\_5019.jpg



Headwall on LS toe.

Photo 2 of 3 : UCIP\_FA\_2015\_5020.jpg



Headwall on LS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>14.31</b>	Rating **	M	Issue No.	<b>1157 (cont)</b>
LM End	<b>14.31</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.116164 °	38.116164 °
				-121.171657 °	-121.171657 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38130 DS_ID:23778 EP_NO: N/A FS_HLM: 14.691 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_5021.jpg



Headwall, flapgate, and grouted spillway on WS slope.

LM Start	<b>14.32</b>	Rating **	M	Issue No.	<b>1158</b>
LM End	<b>14.32</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.116372 °	38.116372 °
				-121.171645 °	-121.171645 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41526 DS_ID:25022 EP_NO: N/A FS_HLM: 14.706 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 2-inch galvanized iron electrical conduit through the levee at an unknown depth below the crown. Attached to upstream side of bridge. FS Date: 05/20/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6778.jpg



Light signal likely destination for conduit.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	14.32	Rating **	M	Issue No.	1158 (cont)
LM End	14.32	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.116372 °	38.116372 °
				-121.171645 °	-121.171645 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41526 DS_ID:25022 EP_NO: N/A FS_HLM: 14.706 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 2-inch galvanized iron electrical conduit through the levee at an unknown depth below the crown. Attached to upstream side of bridge. FS Date: 05/20/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_6779.jpg



Pipe Conduit visible on upstream side of bridge.

LM Start	14.32	Rating **	M	Issue No.	1158 (cont)
LM End	14.32	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_FA\_2015\_6780.jpg



Christy box on WS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>14.65</b>	Rating **	M	Issue No.	<b>85</b>
LM End	<b>14.65</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.120801 °	38.120801 °	
			-121.169515 °	-121.169515 °	
DWR ID	DWR_NA0017_08_f_2015_85				
Action/Comments					
Prunings					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_85\_20151009\_00111.jpg



Prunings were found on the landside of the levee.

LM Start	<b>14.75</b>	Rating **	U	Issue No.	<b>57</b>
LM End	<b>14.75</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.122152 °	38.122152 °	
			-121.169461 °	-121.169461 °	
DWR ID	DWR_NA0017_08_f_2015_57				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Waterside toe erosion.					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_57\_20150928\_00095.jpg



Erosion was found on the waterside toe of the levee. The picture was taken from the right bank of the levee.

LM Start	<b>14.79</b>	Rating **	M	Issue No.	<b>96</b>
LM End	<b>14.79</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.122664 °	38.122664 °	
			-121.169116 °	-121.169116 °	
DWR ID	DWR_NA0017_08_f_2015_96				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA\_2015\_NA0017\_152\_96\_20151009\_00112.jpg



Rodent holes were found on the landside slope of the levee looking upstream.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>14.90</b>	Rating **	C	Issue No.	<b>86</b>
LM End	<b>14.90</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.122684 °	38.122684 °
				-121.169123 °	-121.169123 °
DWR ID	DWR_NA0017_08_s_2014_86				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

No Photos

LM Start	<b>14.97</b>	Rating **	M	Issue No.	<b>1159</b>
LM End	<b>14.97</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.125103 °	38.125103 °
				-121.168009 °	-121.168009 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41708 DS_ID:25021 EP_NO: N/A FS_HLM: 15.363 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 4-inch steel waterline through the levee at an unknown depth below the crown. 2-valves in 6-inch PVC standpipe at LS toe. Pipe mounted on downstream side of bridge. FS Date: 05/20/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6775.jpg



Valve in PVC standpipe on LS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>14.97</b>	Rating **	M	Issue No.	<b>1159 (cont)</b>
LM End	<b>14.97</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.125103 °	38.125103 °
				-121.168009 °	-121.168009 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41708 DS_ID:25021 EP_NO: N/A FS_HLM: 15.363 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 4-inch steel waterline through the levee at an unknown depth below the crown. 2-valves in 6-inch PVC standpipe at LS toe. Pipe mounted on downstream side of bridge. FS Date: 05/20/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_6776.jpg



Valves in PVC standpipe on LS toe.

Photo 3 of 3 : UCIP\_FA\_2015\_6777.jpg



4-inch steel irrigation pipe through the levee at an unknown depth.

LM Start	<b>14.97</b>	Rating **	M	Issue No.	<b>1159 (cont)</b>
LM End	<b>14.97</b>	Issue Type +	En	Location *	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**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>15.06</b>	Rating **	C	Issue No.	<b>132</b>
LM End	<b>15.06</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.124742 °	38.124742 °	
			-121.168376 °	-121.168376 °	
DWR ID	DWR_NA0017_08_f_2014_132				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	<b>15.19</b>	Rating **	A/W	Issue No.	<b>89</b>
LM End	<b>15.19</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.125818 °	38.125818 °	
			-121.166410 °	-121.166410 °	
DWR ID	DWR_NA0017_08_s_2013_89				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

No Photos

LM Start	<b>15.39</b>	Rating **	M	Issue No.	<b>90</b>
LM End	<b>15.39</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Crown Surface / Depressions / Rutting		38.126830 °	38.126830 °	
			-121.162930 °	-121.162930 °	
DWR ID	DWR_NA0017_08_s_2014_90				
Action/Comments					
Repair depressions or ruts in the crown or slope.					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>15.47</b>	Rating **	M	Issue No.	<b>1160</b>
LM End	<b>15.47</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.128489 °	38.128489 °
				-121.160231 °	-121.160231 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:42005 DS_ID:25019 EP_NO: N/A FS_HLM: 15.861 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1.5-inch PVC electrical conduit through the levee at an unknown depth below the crown. Pipe visible on downstream side of bridge. FS Date: 05/20/2014					

Photo 1 of 1 : UCIP\_FA\_2015\_6774.jpg



Pipe visible on downstream side of bridge (Photo altered).

LM Start	<b>15.47</b>	Rating **	M	Issue No.	<b>1161</b>
LM End	<b>15.47</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.128513 °	38.128513 °
				-121.160239 °	-121.160239 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:42004 DS_ID:25018 EP_NO: N/A FS_HLM: 15.862 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: Two 1.5-inch galvanized iron electrical conduits through the levee at an unknown depth below the crown. Pipes attached to downstream side of bridge. FS Date: 05/20/2014					

Photo 1 of 1 : UCIP\_FA\_2015\_6773.jpg



Pipes visible on downstream side of bridge.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>15.47</b>	Rating **	M	Issue No.	<b>1162</b>
LM End	<b>15.47</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.128521 °	38.128521 °
				-121.160232 °	-121.160232 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41707 DS_ID:25020 EP_NO: N/A FS_HLM: 15.863 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 2-inch galvanized iron waterline over bridge on downstream side. FS Date: 05/20/2014					

Photo 1 of 1 : UCIP\_FA\_2015\_6772.jpg



2-inch galvanized iron pipe visible on downstream side of bridge (Photo altered).

LM Start	<b>15.47</b>	Rating **	M	Issue No.	<b>1163</b>
LM End	<b>15.47</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.128523 °	38.128523 °
				-121.160231 °	-121.160231 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41706 DS_ID:25017 EP_NO: N/A FS_HLM: 15.863 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee at an unknown depth beneath the crown. Pipe visible on downstream side of bridge. FS Date: 05/20/2014					

Photo 1 of 1 : UCIP\_FA\_2015\_6771.jpg



10-inch pipe visible on downstream side of bridge (photo altered).

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>15.48</b>	Rating **	M	Issue No.	<b>1164</b>
LM End	<b>15.48</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.128586 °	38.128586 °
				-121.160129 °	-121.160129 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38124 DS_ID:23783 EP_NO: 6091 FS_HLM: 15.87 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pump and pipe appear to be abandoned and if so should be done so poperly. Gate valve frozen closed. FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through the levee, 3.0 feet below the crown. Gate valve on the waterward side. 24-inch CM pump sump unit with motor mounted on top of the waterward side. 24-inch CM intake pipe from the channel. Concrete "U" headwall with trash rack on the waterward end. 48-inch Concrete standpipe on the landside. Permit No. 6091, 1969. Included in O&M Manual Bear Creek Part 2, 1967. FS Date: 05/20/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_4371.jpg



Possible standpipe that pipe connects to.

Photo 2 of 2 : UCIP\_FA\_2015\_4372.jpg



Pump, pipe, and gatevalve on WS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>15.48</b>	Rating **	M	Issue No.	<b>1165</b>
LM End	<b>15.48</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.128632 °	38.128632 °
				-121.160038 °	-121.160038 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38123 DS_ID:23824 EP_NO: N/A FS_HLM: 15.876 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_3727.jpg



Pipe visible in center of channel at WS toe from bridge.

LM Start	<b>15.48</b>	Rating **	M	Issue No.	<b>1165 (cont)</b>
LM End	<b>15.48</b>	Issue Type +	En	Location *	CR

Photo 2 of 3 : UCIP\_FA\_2015\_3728.jpg



Possible point of connection at standpipe on LS shoulder.

LM Start	<b>15.48</b>	Rating **	M	Issue No.	<b>1165 (cont)</b>
LM End	<b>15.48</b>	Issue Type +	En	Location *	CR

Photo 3 of 3 : UCIP\_FA\_2015\_4370.jpg



Pipe visible in center of channel at WS toe from bridge.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>15.49</b>	Rating **	M	Issue No.	<b>1166</b>
LM End	<b>15.49</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.128769 °	38.128769 °
				-121.159951 °	-121.159951 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:41705 DS_ID:25016 EP_NO: N/A FS_HLM: 15.886 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_5946.jpg



Pump with Standpipe visible in background.

LM Start	<b>15.49</b>	Rating **	M	Issue No.	<b>1166 (cont)</b>
LM End	<b>15.49</b>	Issue Type +	En	Location *	CR

Photo 2 of 3 : UCIP\_FA\_2015\_6769.jpg



Pump, pipe, and gate valve visible on WS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	09/23/2015 10/01/2015	Pavel Kazi

LM Start	<b>15.49</b>	Rating **	M	Issue No.	<b>1166 (cont)</b>
LM End	<b>15.49</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.128769 °	38.128769 °
				-121.159951 °	-121.159951 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:41705 DS_ID:25016 EP_NO: N/A FS_HLM: 15.886 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_6770.jpg



Standpipe on LS shoulder may be discharge point for this 10-inch pipe.

<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**

**Unit Cover Sheet**

**Fall 2015 Levee Inspection Results**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles
Unit No. 09 Paddy Creek	Left	1.53

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	04/23/2015 - 04/23/2015		09/30/2015 - 09/30/2015	
DWR Inspector	Pavel Kazi		Pavel Kazi	
Accompanied By	Jay Jauregui SJCFC&WCD		Jay Jauregui SJCFC&WCD	

**Summer & Winter Inspections**

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

DWR must be informed on the:

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

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

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

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

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

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Paddy Creek	Left	1.53	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>0.02</b>	Rating **	M	Issue No.	<b>1</b>
LM End	<b>0.54</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.093278 °	38.094859 °	
			-121.176164 °	-121.167053 °	
DWR ID	DWR_NA0017_09_s_2012_1				
Action/Comments					
Fence Inspector Comments: Barbed wire fence within 10 feet of the landward toe.					

Photo 1 of 1 : FA\_2015\_NA0017\_153\_1\_20150911\_00001.jpg



View of fences that were found on the landside toe of the levee looking upstream.

LM Start	<b>0.12</b>	Rating **	A	Issue No.	<b>4</b>
LM End	<b>0.12</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.094053 °	38.094053 °	
			-121.174649 °	-121.174649 °	
DWR ID	DWR_NA0017_09_f_2015_4				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Vegetation is acceptable.					

Photo 1 of 1 : FA\_2015\_NA0017\_153\_4\_20151005\_00003.jpg



View of the waterside slope of the levee looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Paddy Creek	Left	1.53	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>0.93</b>	Rating **	M	Issue No.	<b>6</b>
LM End	<b>0.93</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.094247 °	38.094247 °
				-121.160271 °	-121.160271 °
DWR ID					

**Action/Comments**  
 Inspector Comments: FS\_ID:41812  
 DS\_ID:23841  
 EP\_NO: N/A  
 FS\_HLM: 0.934  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: Sediment buildup inside pipe.  
 FIELD\_STRUCT\_DESC: 12-inch CM stormdrain pipe through the levee, 7.0-feet below the crown. Headwall on LS toe. Flap gate on the waterward end. Cobble grouted spillway. O&M Manual Bear Creek Addendum, February 1999.  
 FS Date: 06/19/2014

LM Start	<b>0.93</b>	Rating **	M	Issue No.	<b>6 (cont)</b>
LM End	<b>0.93</b>	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP\_FA\_2015\_5965.jpg



Inside pipe at LS toe.

Photo 2 of 3 : UCIP\_FA\_2015\_5966.jpg



Pipe and headwall on LS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Paddy Creek	Left	1.53	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>0.93</b>	Rating **	M	Issue No.	<b>6 (cont)</b>
LM End	<b>0.93</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.094247 °	38.094247 °
				-121.160271 °	-121.160271 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41812 DS_ID:23841 EP_NO: N/A FS_HLM: 0.934 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_5967.jpg



Pipe and headwall on LS toe.

LM Start	<b>1.31</b>	Rating **	C	Issue No.	<b>5</b>
LM End	<b>1.31</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.094020 °	38.094020 °
				-121.153255 °	-121.153255 °
DWR ID	DWR_NA0017_09_f_2014_5				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Paddy Creek	Left	1.53	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>1.44</b>	Rating **	M	Issue No.	<b>7</b>
LM End	<b>1.44</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.094073 °	38.094073 °
				-121.150947 °	-121.150947 °
DWR ID					

**Action/Comments**

Inspector Comments: FS\_ID:38977  
 DS\_ID:23847  
 EP\_NO: N/A  
 FS\_HLM: 1.451  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: Flapgate blocked by soil and possibly concrete on WS slope.  
 FIELD\_STRUCT\_DESC: 21-inch CM stormdrain pipe through the levee, 5.5-feet below the crown. Flap gate on the waterward end. Cobble grouted spillway. O&M Manual Bear Creek Part 2, 1967. Included in O&M Manual Bear Creek Addendum, February 1999. FS Date: 06/19/2014

LM Start	<b>1.44</b>	Rating **	M	Issue No.	<b>7 (cont)</b>
LM End	<b>1.44</b>	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP\_FA\_2015\_5897.jpg



Pipe, flapgate, and grouted spillway on WS toe.

Photo 2 of 2 : UCIP\_FA\_2015\_5898.jpg



Concrete headwall on LS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Paddy Creek	Left	1.53	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>1.50</b>	Rating **	U	Issue No.	<b>8</b>
LM End	<b>1.50</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.094115 °	38.094115 °
				-121.149759 °	-121.149759 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:43099 DS_ID:23849 EP_NO: N/A FS_HLM: 1.516 Repair Type: Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_6684.jpg



Flapgate blocked by vegetation on WS toe.

LM Start	<b>1.50</b>	Rating **	U	Issue No.	<b>8 (cont)</b>
LM End	<b>1.50</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_6685.jpg



Flapgate blocked by vegetation on WS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Paddy Creek	Left	1.53	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>1.50</b>	Rating **	U	Issue No.	<b>8 (cont)</b>
LM End	<b>1.50</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.094115 °	38.094115 °
				-121.149759 °	-121.149759 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:43099 DS_ID:23849 EP_NO: N/A FS_HLM: 1.516 Repair Type: Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_6686.jpg



Grouted spillway with flapgate blocked by vegetation on WS toe.

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

**Unit Cover Sheet**

**Fall 2015 Levee Inspection Results**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles
Unit No. 10 Paddy Creek	Right	1.41

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	04/23/2015 - 04/23/2015		09/30/2015 - 09/30/2015	
DWR Inspector	Pavel Kazi		Pavel Kazi	
Accompanied By	Jay Jauregui SJCF&WCD		Jay Jauregui SJCF&WCD	

**Summer & Winter Inspections**

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

DWR must be informed on the:

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

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

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

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

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

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



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 Paddy Creek	Right	1.41	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>0.71</b>	Rating **	M	Issue No.	<b>7 (cont)</b>
LM End	<b>0.96</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.094606 °	38.094708 °
				-121.162138 °	-121.157569 °
DWR ID	DWR_NA0017_10_s_2012_7				
Action/Comments					
Ditch					

Photo 2 of 2 : FA\_2015\_NA0017\_154\_7\_20150911\_00003.jpg



View of the ditch on the landside of the levee looking downstream.

LM Start	<b>1.12</b>	Rating **	M	Issue No.	<b>1</b>
LM End	<b>1.28</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.094670 °	38.094322 °
				-121.154616 °	-121.151764 °
DWR ID	DWR_NA0017_10_s_2014_1				
Action/Comments					
Fence					

Photo 1 of 1 : FA\_2015\_NA0017\_154\_1\_20150911\_00001.jpg



A fence was found on the landside toe of the levee looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 Paddy Creek	Right	1.41	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>1.34</b>	Rating **	M	Issue No.	<b>9</b>
LM End	<b>1.34</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.094311 °	38.094311 °
				-121.150715 °	-121.150715 °
DWR ID					

**Action/Comments**  
 Inspector Comments: FS\_ID:41813  
 DS\_ID:23868  
 EP\_NO: N/A  
 FS\_HLM: 1.345  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: Some sediment buildup in pipe at LS toe.  
 FIELD\_STRUCT\_DESC: 30-inch CM pipe through the levee, 6.0 feet below the crown. Flap gate on the waterward end. Cobble grouted spillway. Cobble grouted intake on the landward side. O&M Manual Bear Creek Part 2, 1967.  
 FS Date: 06/19/2014

LM Start	<b>1.34</b>	Rating **	M	Issue No.	<b>9 (cont)</b>
LM End	<b>1.34</b>	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP\_FA\_2015\_6437.jpg



Pipe on LS toe.

Photo 2 of 3 : UCIP\_FA\_2015\_6438.jpg



Pipe on LS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 Paddy Creek	Right	1.41	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>1.34</b>	Rating **	M	Issue No.	<b>9 (cont)</b>
LM End	<b>1.34</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.094311 °	38.094311 °
				-121.150715 °	-121.150715 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:41813 DS_ID:23868 EP_NO: N/A FS_HLM: 1.345 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_6439.jpg



Pipe, flapgate, and grouted spillway on WS toe.

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

**Unit Cover Sheet**

**Fall 2015 Levee Inspection Results**

**San Joaquin County Flood Control and Water Conservation District**

Waterway		Bank	Unit Miles	
Unit No. 11 North Paddy Creek		Right	3.53	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	04/24/2015 - 04/24/2015		10/01/2015 - 10/01/2015	
DWR Inspector	Pavel Kazi		Pavel Kazi	
Accompanied By	Jay Jauregui SJCF&WCD		Jay Jauregui SJCF&WCD	

**Summer & Winter Inspections**

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

DWR must be informed on the:

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

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

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

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

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

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/01/2015 10/01/2015	Pavel Kazi

LM Start	<b>0.17</b>	Rating **	M	Issue No.	<b>2</b>
LM End	<b>0.49</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.097243 °	38.101853 °
				-121.169258 °	-121.168563 °
DWR ID	DWR_NA0017_11_s_2012_2				
Action/Comments					
Fence					

Photo 1 of 1 : FA\_2015\_NA0017\_155\_2\_20150911\_00002.jpg



Fence located from LM 0.17 to LM 0.49 and crops located from LM 0.17 to LM 0.41 within 10' from landside toe of levee.

LM Start	<b>0.17</b>	Rating **	M	Issue No.	<b>3</b>
LM End	<b>0.40</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.097342 °	38.100685 °
				-121.169262 °	-121.169112 °
DWR ID	DWR_NA0017_11_s_2012_3				
Action/Comments					
Crops					
Inspector Comments: Newly planted trees within 10' from landside toe					

Photo 1 of 1 : FA\_2015\_NA0017\_155\_3\_20150911\_00003.jpg



Crops were found on the landside toe of the levee looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/01/2015 10/01/2015	Pavel Kazi

LM Start	<b>0.47</b>	Rating **	M	Issue No.	<b>207</b>
LM End	<b>0.47</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.101560 °	38.101560 °
				-121.168634 °	-121.168634 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38564 DS_ID:23881 EP_NO: N/A FS_HLM: 0.474 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Slidegate does not function properly up or down. FIELD_STRUCT_DESC: 24-inch CM stormdrain pipe through the levee, 11.0-feet below the crown. Slide gate in 36-inch CMP riser unit on the waterward side. Concrete "U" headwall on waterward end. Cobble grouted spillway. Cobble grouted intake on landside. O&M Manual Bear Creek Part 2, 1967. FS Date: 06/12/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_3138.jpg



Pipe and grouted spillway on WS slope.

LM Start	<b>0.47</b>	Rating **	M	Issue No.	<b>207 (cont)</b>
LM End	<b>0.47</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_5154.jpg



Slide gate in 36-inch CMP riser on WS slope. slide gate does not function as handle is detached from mechanism.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/01/2015 10/01/2015	Pavel Kazi

LM Start	<b>0.47</b>	Rating **	M	Issue No.	<b>207 (cont)</b>
LM End	<b>0.47</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.101560 °	38.101560 °
				-121.168634 °	-121.168634 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38564 DS_ID:23881 EP_NO: N/A FS_HLM: 0.474 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_5155.jpg



Headwall at LS toe.

LM Start	<b>0.55</b>	Rating **	M	Issue No.	<b>208</b>
LM End	<b>0.55</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.102509 °	38.102509 °
				-121.167694 °	-121.167694 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38561 DS_ID:23883 EP_NO: N/A FS_HLM: 0.56 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe filled in with soil on the LS toe and appears to be temporarily abandoned. FIELD_STRUCT_DESC: 24-inch CM pipe through the levee, 6.5 feet below the crown. Concrete "U" headwall on both ends. Flap gate on the waterward end. Cobble grouted spillway. Cobble grouted intake on landside. O&M Manual Bear Creek Part 2, 1967. FS Date: 06/12/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_5146.jpg



Headwall at LS toe has been filled in with soil.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/01/2015 10/01/2015	Pavel Kazi

LM Start	<b>0.55</b>	Rating **	M	Issue No.	<b>208 (cont)</b>
LM End	<b>0.55</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.102509 °	38.102509 °
				-121.167694 °	-121.167694 °
DWR ID					

**Action/Comments**

Inspector Comments: FS\_ID:38561  
 DS\_ID:23883  
 EP\_NO: N/A  
 FS\_HLM: 0.56  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: Pipe filled in with soil on the LS toe and appears to be temporarily abandoned.  
 FIELD\_STRUCT\_DESC: 24-inch CM pipe through the levee, 6.5 feet below the crown. Concrete "U" headwall on both ends. Flap gate on the waterward end. Cobble grouted spillway. Cobble grouted intake on landside. O&M Manual Bear Creek Part 2, 1967.  
 FS Date: 06/12/2014

LM Start	<b>0.55</b>	Rating **	M	Issue No.	<b>208 (cont)</b>
LM End	<b>0.55</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_5147.jpg



Headwall at LS toe has been filled in with soil.

Photo 3 of 3 : UCIP\_FA\_2015\_5148.jpg



Headwall, flapgate, and grouted spillway on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/01/2015 10/01/2015	Pavel Kazi

LM Start	<b>0.62</b>	Rating **	M	Issue No.	<b>209</b>
LM End	<b>0.62</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.102819 °	38.102819 °
				-121.166659 °	-121.166659 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38560 DS_ID:23884 EP_NO: N/A FS_HLM: 0.621 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_5143.jpg



Abandoned pump and butterfly valve on WS berm.

LM Start	<b>0.62</b>	Rating **	M	Issue No.	<b>209 (cont)</b>
LM End	<b>0.62</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_5144.jpg



36-inch concrete standpipe visible on LS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/01/2015 10/01/2015	Pavel Kazi

LM Start	<b>0.62</b>	Rating **	M	Issue No.	<b>209 (cont)</b>
LM End	<b>0.62</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.102819 °	38.102819 °
				-121.166659 °	-121.166659 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38560 DS_ID:23884 EP_NO: N/A FS_HLM: 0.621 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_5145.jpg



Pipe, pump, and butterfly valve visible on WS berm.

LM Start	<b>1.06</b>	Rating **	U	Issue No.	<b>206</b>
LM End	<b>1.13</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.109070 °	38.109595 °
				-121.165992 °	-121.164954 °
DWR ID	DWR_NA0017_11_s_2012_206				
Action/Comments					
Ditch Inspector Comments: A notice of violation was issued to the owner for this ditch during fall 2011 inspection.					

Photo 1 of 5 : FA\_2015\_NA0017\_155\_206\_20151009\_00017.jpg



Updated picture of the ditch on the landside of the levee during fall 2015 inspection.

LM Start	<b>1.06</b>	Rating **	U	Issue No.	<b>206 (cont)</b>
LM End	<b>1.13</b>	Issue Type +	En	Location *	LS

Photo 2 of 5 : FA\_2015\_NA0017\_155\_206\_20150911\_00010.jpg



Updated picture of the ditch on the landside of the levee during fall 2014 inspection looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/01/2015 10/01/2015	Pavel Kazi

LM Start	<b>1.06</b>	Rating **	U	Issue No.	<b>206 (cont)</b>
LM End	<b>1.13</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.109070 °	38.109595 °
				-121.165992 °	-121.164954 °
DWR ID	DWR_NA0017_11_s_2012_206				
Action/Comments					
Ditch Inspector Comments: A notice of violation was issued to the owner for this ditch during fall 2011 inspection.					

Photo 3 of 5 : FA\_2015\_NA0017\_155\_206\_20150911\_00012.jpg



Updated picture of the ditch on the landside of the levee. The picture was taken during fall 2013 inspection looking upstream.

LM Start	<b>1.06</b>	Rating **	U	Issue No.	<b>206 (cont)</b>
LM End	<b>1.13</b>	Issue Type +	En	Location *	LS

Photo 4 of 5 : FA\_2015\_NA0017\_155\_206\_20150911\_00013.jpg



View of the ditch on the landside of the levee looking upstream. The picture was taken during fall 2011 inspection.

LM Start	<b>1.06</b>	Rating **	U	Issue No.	<b>206 (cont)</b>
LM End	<b>1.13</b>	Issue Type +	En	Location *	LS

Photo 5 of 5 : FA\_2015\_NA0017\_155\_206\_20150911\_00015.jpg

State of California DEPARTMENT OF WATER RESOURCES The Resource Agency  
Division of Flood Management/Flood Project Inspection Section

**NOTICE OF VIOLATION**

UNIT-11

DATE: 11/4/2011 LOCATION: NORTH PADDY CREEK LANDOWNER/CONTRACTOR: Frank Shaws  
ADDRESS: Shaws Dairy

A Department of Water Resources' Inspector has found you in violation of Title 23 of the California Code of Regulations which protects floodways and flood control structures.

**TYPE OF VIOLATION**

1.  UNAUTHORIZED ENCROACHMENT 4.  IMPROPER MAINTENANCE  
2.  UNAUTHORIZED SPOIL OR WASTE 5.  OTHER: \_\_\_\_\_  
3.  UNAUTHORIZED WORK

REQUESTED CORRECTION: Repair the ditch at the landside toe of the levee. The ditch is approximately 10 feet in width from the toe of the levee - likely to cause significant levee stability issue.

Corrective action must be taken no later than \_\_\_\_\_

If you have questions about this notice, please contact the inspector listed below. If corrective action is not taken, the Department may request that enforcement action be taken against you.

Received By: *Frank Shaws*

This notice of violation was given to the property owner who constructed the ditch. The violation was given during fall 2011 inspection.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/01/2015 10/01/2015	Pavel Kazi

LM Start	<b>1.50</b>	Rating **	M	Issue No.	<b>210</b>
LM End	<b>1.50</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.111824 °	38.111824 °
				-121.160037 °	-121.160037 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38557 DS_ID:23871 EP_NO: N/A FS_HLM: 1.511 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_5140.jpg



Headwall at LS toe.

LM Start	<b>1.50</b>	Rating **	M	Issue No.	<b>210 (cont)</b>
LM End	<b>1.50</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_5141.jpg



Slidegate inside CMP riser on WS shoulder. Lid needs repair.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/01/2015 10/01/2015	Pavel Kazi

LM Start	<b>1.50</b>	Rating **	M	Issue No.	<b>210 (cont)</b>
LM End	<b>1.50</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.111824 °	38.111824 °
				-121.160037 °	-121.160037 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38557 DS_ID:23871 EP_NO: N/A FS_HLM: 1.511 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_5142.jpg



Headwall at LS toe.

LM Start	<b>1.50</b>	Rating **	M	Issue No.	<b>211</b>
LM End	<b>1.50</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.111830 °	38.111830 °
				-121.160019 °	-121.160019 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38556 DS_ID:23897 EP_NO: N/A FS_HLM: 1.512 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Slidegate not functional or rusted in place. No lid on CMP riser at WS slope. FIELD_STRUCT_DESC: 2 of 2: 36-inch CM stormdrain pipe through the levee, 7-feet below the crown. Slide gate in 48-inch C.M. riser units on the waterward slope. Concrete "U" headwall on both ends. Flap gate on the waterward end. Cobble grouted spillway. Cobble grouted intake on landside. O&M Manual Bear Creek Part 2, 1967. FS Date: 06/12/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_5137.jpg



Headwall at LS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/01/2015 10/01/2015	Pavel Kazi

LM Start	<b>1.50</b>	Rating **	M	Issue No.	<b>211 (cont)</b>
LM End	<b>1.50</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.111830 °	38.111830 °
				-121.160019 °	-121.160019 °
DWR ID					

**Action/Comments**

Inspector Comments: FS\_ID:38556  
 DS\_ID:23897  
 EP\_NO: N/A  
 FS\_HLM: 1.512  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: Slidegate not functional or rusted in place. No lid on CMP riser at WS slope.  
 FIELD\_STRUCT\_DESC: 2 of 2: 36-inch CM stormdrain pipe through the levee, 7-feet below the crown. Slide gate in 48-inch C.M. riser units on the waterward slope. Concrete "U" headwall on both ends. Flap gate on the waterward end. Cobble grouted spillway. Cobble grouted intake on landside. O&M Manual Bear Creek Part 2, 1967.  
 FS Date: 06/12/2014

Photo 2 of 3 : UCIP\_FA\_2015\_5138.jpg



Headwall at LS toe.

LM Start	<b>1.50</b>	Rating **	M	Issue No.	<b>211 (cont)</b>
LM End	<b>1.50</b>	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_5139.jpg



Slidegate in CMP riser on WS shoulder. No lid and gateavle does not work.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/01/2015 10/01/2015	Pavel Kazi

LM Start	<b>2.02</b>	Rating **	M	Issue No.	<b>7</b>
LM End	<b>2.22</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.116984 °	38.118019 °	
			-121.154293 °	-121.150827 °	
DWR ID	DWR_NA0017_11_s_2012_7				
Action/Comments					
Fence					

Photo 1 of 1 : FA\_2015\_NA0017\_155\_7\_20150911\_00006.jpg



A fence was found on the landside slope of the levee looking downstream.

LM Start	<b>2.02</b>	Rating **	M	Issue No.	<b>212</b>
LM End	<b>2.02</b>	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.117047 °	38.117047 °	
			-121.154276 °	-121.154276 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38554 DS_ID:23873 EP_NO: N/A FS_HLM: 2.038 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Gate valve does not open or close. No lid on 56-inch CMP riser on WS slope. FIELD_STRUCT_DESC: 14-inch concrete encased steel siphon through the levee, 7.0 feet below the crown. Gate valve in 56-inch C.M. riser unit on the waterward slope. Cleanout visible at center of channel off WS toe. 14-inch Concrete standpipe on the landward side. O&M Manual Bear Creek Part 2, 1967. FS Date: 06/12/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_4997.jpg



Concrete standpipe on opposite bank.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/01/2015 10/01/2015	Pavel Kazi

LM Start	<b>2.07</b>	Rating **	C	Issue No.	<b>23</b>
LM End	<b>2.07</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.117370 °	38.117370 °
				-121.153446 °	-121.153446 °
DWR ID	DWR_NA0017_11_f_2014_23				
Action/Comments					
Repair slope instability.					

No Photos

LM Start	<b>2.20</b>	Rating **	M	Issue No.	<b>213</b>
LM End	<b>2.20</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.117920 °	38.117920 °
				-121.151120 °	-121.151120 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38550 DS_ID:23876 EP_NO: N/A FS_HLM: 2.222 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Concrete inlet at LS of East Kettleman road is damaged...may or may not be a hazard. FIELD_STRUCT_DESC: 24-inch CM stormdrain pipe through the levee, 5-feet below the crown. Concrete "U" headwall on the waterward end. Flap gate on the waterward end. Cobble grouted spillway. 36-inch concrete catch basin on the landward end. O&M Manual Bear Creek Part 2, 1967. FS Date: 06/12/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_3194.jpg



Headwall, flapgate, and grouted spillway on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/01/2015 10/01/2015	Pavel Kazi

LM Start	<b>2.20</b>	Rating **	M	Issue No.	<b>213 (cont)</b>
LM End	<b>2.20</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.117920 °	38.117920 °
				-121.151120 °	-121.151120 °
DWR ID					

**Action/Comments**

Inspector Comments: FS\_ID:38550  
 DS\_ID:23876  
 EP\_NO: N/A  
 FS\_HLM: 2.222  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: Concrete inlet at LS of East Kettleman road is damaged...may or may not be a hazard.  
 FIELD\_STRUCT\_DESC: 24-inch CM stormdrain pipe through the levee, 5-feet below the crown. Concrete "U" headwall on the waterward end. Flap gate on the waterward end. Cobble grouted spillway. 36-inch concrete catch basin on the landward end. O&M Manual Bear Creek Part 2, 1967.  
 FS Date: 06/12/2014

Photo 2 of 3 : UCIP\_FA\_2015\_4971.jpg



Concrete drop-inlet on North side of East Kettleman road damaged.

LM Start	<b>2.20</b>	Rating **	M	Issue No.	<b>213 (cont)</b>
LM End	<b>2.20</b>	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_FA\_2015\_4972.jpg



Concrete drop-inlet on North side of East Kettleman road damaged.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/01/2015 10/01/2015	Pavel Kazi

LM Start	<b>2.21</b>	Rating **	M	Issue No.	<b>214</b>
LM End	<b>2.21</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.117970 °	38.117970 °
				-121.151040 °	-121.151040 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41946 DS_ID:23877 EP_NO: N/A FS_HLM: 2.227 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 2 : UCIP\_FA\_2015\_4969.jpg



Conduit visible at downstream side of bridge.

LM Start	<b>2.21</b>	Rating **	M	Issue No.	<b>214 (cont)</b>
LM End	<b>2.21</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP\_FA\_2015\_4970.jpg



Communication junction box next to WS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/01/2015 10/01/2015	Pavel Kazi

LM Start	<b>2.22</b>	Rating **	U	Issue No.	<b>215</b>
LM End	<b>2.22</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.118050 °	38.118050 °
				-121.150830 °	-121.150830 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:39406 DS_ID:25015 EP_NO: N/A FS_HLM: 2.24 Repair Type: Urgent Crossing Status: Found					

Photo 1 of 2 : UCIP\_FA\_2015\_5944.jpg



Gasline visible on upstream side of bridge

LM Start	<b>2.22</b>	Rating **	U	Issue No.	<b>215 (cont)</b>
LM End	<b>2.22</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP\_FA\_2015\_5945.jpg



Gasline visible on upstream side of bridge

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/01/2015 10/01/2015	Pavel Kazi

LM Start	<b>2.66</b>	Rating **	M	Issue No.	<b>216</b>
LM End	<b>2.66</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.121860 °	38.121860 °
				-121.145577 °	-121.145577 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38543 DS_ID:23889 EP_NO: N/A FS_HLM: 2.685 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned and if so should be done so properly. FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee, 1.5-feet below the crown. Gate valve on the waterward slope. 36-inch C.M. pump sump unit with motor mounted on top on waterward side. 24-inch C.M. intake pipe from channel to sump. Concrete "U" headwall with trash rack on the waterward end. Concrete standpipe on the landward side. Waterward slope cobble grouted. O&M Manual Bear Creek Part 2, 1967. FS Date: 06/11/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_4836.jpg



48-inch concrete standpipe on LS shoulder. Power pole and electrical panel on LS shoulder.

Photo 2 of 2 : UCIP\_FA\_2015\_4837.jpg



Pump over 36-inch CMP sump on WS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/01/2015 10/01/2015	Pavel Kazi

LM Start	<b>2.88</b>	Rating **	M	Issue No.	<b>4</b>
LM End	<b>3.12</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.124677 °	38.127095 °	
			-121.144272 °	-121.142371 °	
DWR ID	DWR_NA0017_11_s_2012_4				
Action/Comments					
Ditch Inspector Comments: A ditch was dug by the farmer next to the levee.					

Photo 1 of 2 : FA\_2015\_NA0017\_155\_4\_20151009\_00016.jpg



Updated picture of the ditch on the landside toe of the levee looking upstream during fall 2015 inspection.

LM Start	<b>2.88</b>	Rating **	M	Issue No.	<b>4 (cont)</b>
LM End	<b>3.12</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA\_2015\_NA0017\_155\_4\_20150911\_00004.jpg



A ditch was found on the landside of the levee looking downstream.

LM Start	<b>2.94</b>	Rating **	M	Issue No.	<b>16</b>
LM End	<b>2.94</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.125636 °	38.125636 °	
			-121.144298 °	-121.144298 °	
DWR ID	DWR_NA0017_11_f_2012_16				
Action/Comments					
Ditch Inspector Comments: A detention pond was dug by the farmer next to the toe of the levee. It appears that it may interfere with the levee prism.					

Photo 1 of 1 : FA\_2015\_NA0017\_155\_16\_20150911\_00008.jpg



A detention pond was found next the landside toe of the levee. The pond was approximately 15 feet deep. The picture was taken from the crown looking towards the toe of the levee.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/01/2015 10/01/2015	Pavel Kazi

LM Start	<b>3.02</b>	Rating **	M	Issue No.	<b>1</b>
LM End	<b>3.51</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.126664 °	38.131522 °	
			-121.144080 °	-121.138843 °	
DWR ID	DWR_NA0017_11_s_2012_1				
Action/Comments					
Fence					

Photo 1 of 1 : FA\_2015\_NA0017\_155\_1\_20150911\_00001.jpg



A fence was found on the landside slope of the levee looking downstream.

LM Start	<b>3.02</b>	Rating **	M	Issue No.	<b>217</b>
LM End	<b>3.02</b>	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.126690 °	38.126690 °	
			-121.144040 °	-121.144040 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38539 DS_ID:23892 EP_NO: N/A FS_HLM: 3.048 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and if so should be done so properly. Verify if possible pipe filled with concrete. FIELD_STRUCT_DESC: *ABANDONED* 24-inch CM stormdrain pipe through the levee, 6.5-feet below the crown. Concrete "U" headwall on both ends. Flap gate on the waterward end. Cobble grouted spillway. Cobble grouted intake on the landward side. O&M Manual Bear Creek Part 2, 1967. Intake end plugged and pipe filled with concrete under Permit No. 17426 (2003). FS Date: 06/11/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_4824.jpg



LS filled in with concrete per notes.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/01/2015 10/01/2015	Pavel Kazi

LM Start	<b>3.02</b>	Rating **	M	Issue No.	<b>217 (cont)</b>
LM End	<b>3.02</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.126690 °	38.126690 °
				-121.144040 °	-121.144040 °
DWR ID					

**Action/Comments**

Inspector Comments: FS\_ID:38539  
 DS\_ID:23892  
 EP\_NO: N/A  
 FS\_HLM: 3.048  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: Pipe abandoned and if so should be done so properly. Verify if possible pipe filled with concrete.  
 FIELD\_STRUCT\_DESC: \*ABANDONED\* 24-inch CM stormdrain pipe through the levee, 6.5-feet below the crown. Concrete "U" headwall on both ends. Flap gate on the waterward end. Cobble grouted spillway. Cobble grouted intake on the landward side. O&M Manual Bear Creek Part 2, 1967. Intake end plugged and pipe filled with concrete under Permit No. 17426 (2003).  
 FS Date: 06/11/2014

LM Start	<b>3.02</b>	Rating **	M	Issue No.	<b>217 (cont)</b>
LM End	<b>3.02</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_4825.jpg



Headwall and flapgate on WS slope.

Photo 3 of 3 : UCIP\_FA\_2015\_4826.jpg



Headwall, flapgate, and grouted spillway on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/01/2015 10/01/2015	Pavel Kazi

LM Start	<b>3.36</b>	Rating **	M	Issue No.	<b>218</b>
LM End	<b>3.36</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.129428 °	38.129428 °
				-121.139456 °	-121.139456 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38537 DS_ID:23894 EP_NO: N/A FS_HLM: 3.387 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 1 of 2 : UCIP\_FA\_2015\_4822.jpg



Concrete standpipe filled with soil on LS shoulder.

LM Start	<b>3.36</b>	Rating **	M	Issue No.	<b>218 (cont)</b>
LM End	<b>3.36</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP\_FA\_2015\_4823.jpg



Concrete standpipe filled with soil on LS shoulder.

<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**

**Unit Cover Sheet**

**Fall 2015 Levee Inspection Results**

**San Joaquin County Flood Control and Water Conservation District**

Waterway		Bank	Unit Miles	
Unit No. 12 North Paddy Creek		Left	3.51	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	04/23/2015 - 04/23/2015		09/30/2015 - 09/30/2015	
DWR Inspector	Pavel Kazi		Pavel Kazi	
Accompanied By	Jay Jauregui SJCF&WCD		Jay Jauregui SJCF&WCD	

**Summer & Winter Inspections**

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

DWR must be informed on the:

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

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

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

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

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

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>0.01</b>	Rating **	M	Issue No.	<b>1</b>
LM End	<b>0.67</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.095226 °	38.103637 °	
			-121.168822 °	-121.165796 °	
DWR ID	DWR_NA0017_12_s_2012_1				
Action/Comments					
Fence					

Photo 1 of 1 : FA\_2015\_NA0017\_156\_1\_20150911\_00001.jpg



View of a fence that was found on the landside toe of the levee looking upstream.

LM Start	<b>0.14</b>	Rating **	M	Issue No.	<b>129</b>
LM End	<b>0.14</b>	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.097104 °	38.097104 °	
			-121.168757 °	-121.168757 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40788 DS_ID:23925 EP_NO: N/A FS_HLM: 0.14 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Gate valve rusted in place. No lid or cover on Standpipe on WS slope. FIELD_STRUCT_DESC: 1 of 2: 42-inch CM stormdrain pipe through the levee, 7-feet below the crown. Slidegate in a 56-inch CMP Riser on the waterward slope. Flap gate on the waterward end. Concrete headwall on both ends. O&M Manual Bear Creek Part 2, 1967. FS Date: 06/12/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6475.jpg



Headwall and flapgates on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	09/30/2015 09/30/2015	Pavel Kazi

LM Start	0.14	Rating **	M	Issue No.	129 (cont)
LM End	0.14	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.097104 °	38.097104 °
				-121.168757 °	-121.168757 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40788 DS_ID:23925 EP_NO: N/A FS_HLM: 0.14 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Gate valve rusted in place. No lid or cover on Standpipe on WS slope. FIELD_STRUCT_DESC: 1 of 2: 42-inch CM stormdrain pipe through the levee, 7-feet below the crown. Slidegate in a 56-inch CMP Riser on the waterward slope. Flap gate on the waterward end. Concrete headwall on both ends. O&M Manual Bear Creek Part 2, 1967. FS Date: 06/12/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_6476.jpg



Headwall on LS toe.

LM Start	0.14	Rating **	M	Issue No.	129 (cont)
LM End	0.14	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_6477.jpg



Slidegate in CMP riser on WS slope. No lid and gate rusted in place.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>0.14</b>	Rating **	M	Issue No.	<b>130</b>
LM End	<b>0.14</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.097126 °	38.097126 °
				-121.168760 °	-121.168760 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38569 DS_ID:23930 EP_NO: N/A FS_HLM: 0.144 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_6472.jpg



Headwall and flapgate on WS slope.

LM Start	<b>0.14</b>	Rating **	M	Issue No.	<b>130 (cont)</b>
LM End	<b>0.14</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_6473.jpg



Headwall at LS toe not accessible

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>0.14</b>	Rating **	M	Issue No.	<b>130 (cont)</b>
LM End	<b>0.14</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.097126 °	38.097126 °
				-121.168760 °	-121.168760 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38569 DS_ID:23930 EP_NO: N/A FS_HLM: 0.144 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_6474.jpg



Slide gate in CMP riser on WS slope. No lid on riser and gate rusted in place.

LM Start	<b>0.48</b>	Rating **	M	Issue No.	<b>4</b>
LM End	<b>0.59</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.101926 °	38.102616 °
				-121.167822 °	-121.166169 °
DWR ID	DWR_NA0017_12_f_2013_4				
Action/Comments					
Fence					

Photo 1 of 1 : FA\_2015\_NA0017\_156\_4\_20150911\_00004.jpg



View of a fence that was found on the landside toe of the levee looking upstream.

LM Start	<b>0.59</b>	Rating **	M	Issue No.	<b>3</b>
LM End	<b>1.31</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.102617 °	38.109301 °
				-121.166169 °	-121.160586 °
DWR ID	DWR_NA0017_12_s_2012_3				
Action/Comments					
Fence					

Photo 1 of 1 : FA\_2015\_NA0017\_156\_3\_20150911\_00003.jpg



View of a fence located on the landside toe of the levee looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>1.90</b>	Rating **	M	Issue No.	<b>131</b>
LM End	<b>1.90</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.115827 °	38.115827 °
				-121.154602 °	-121.154602 °
DWR ID					

**Action/Comments**

Inspector Comments: FS\_ID:38626  
 DS\_ID:23905  
 EP\_NO: N/A  
 FS\_HLM: 1.905  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: Pipe is covered with soil at inlet on LS.  
 FIELD\_STRUCT\_DESC: 24-inch CM stormdrain pipe through the levee, 3.5-feet below the crown. Concrete "U" headwalls on both ends. Flap gate on the waterward end. Cobble grouted spillway. Cobble grouted intake on the landward side. O&M Manual Bear Creek Part 2, 1967.  
 FS Date: 06/12/2014

LM Start	<b>1.90</b>	Rating **	M	Issue No.	<b>131 (cont)</b>
LM End	<b>1.90</b>	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP\_FA\_2015\_6131.jpg



Headwall and flapgate on WS slope.

Photo 2 of 3 : UCIP\_FA\_2015\_6132.jpg



Headwall at LS toe buried in soil.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>1.90</b>	Rating **	M	Issue No.	<b>131 (cont)</b>
LM End	<b>1.90</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.115827 °	38.115827 °
				-121.154602 °	-121.154602 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38626 DS_ID:23905 EP_NO: N/A FS_HLM: 1.905 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_6133.jpg



Headwall, flapgate, and grouted spillway on WS slope.

LM Start	<b>1.91</b>	Rating **	M	Issue No.	<b>109</b>
LM End	<b>1.91</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.115993 °	38.115993 °
				-121.154539 °	-121.154539 °
DWR ID	DWR_NA0017_12_s_2012_109				
Action/Comments					
Ditch					

Photo 1 of 1 : FA\_2015\_NA0017\_156\_109\_20150911\_00027.jpg



View of a ditch located on the landside toe of the levee looking upstream.

LM Start	<b>1.95</b>	Rating **	C	Issue No.	<b>34</b>
LM End	<b>1.95</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.116508 °	38.116508 °
				-121.154252 °	-121.154252 °
DWR ID	DWR_NA0017_12_s_2015_34				
Action/Comments					
Repair depressions or ruts in the crown or slope.					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>1.96</b>	Rating **	M	Issue No.	<b>132</b>
LM End	<b>1.96</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.116650 °	38.116650 °
				-121.154118 °	-121.154118 °
DWR ID					

**Action/Comments**  
 Inspector Comments: FS\_ID:38627  
 DS\_ID:23906  
 EP\_NO: N/A  
 FS\_HLM: 1.968  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: Pipe burried on both ends and appears to be abandoned. IF so, it should be done so properly.  
 FIELD\_STRUCT\_DESC: 24-inch CM stormdrain pipe through the levee, 4.0-feet below the crown. Concrete "U" headwall on both ends. Flap gate on the waterward end. Cobble grouted spillway. Cobble grouted intake on the landward side. O&M Manual Bear Creek Part 2, 1967.  
 FS Date: 06/12/2014

Photo 1 of 2 : UCIP\_FA\_2015\_6134.jpg



Headwall burried on LS shoulder.

LM Start	<b>1.96</b>	Rating **	M	Issue No.	<b>132 (cont)</b>
LM End	<b>1.96</b>	Issue Type +	En	Location *	CR

Photo 2 of 2 : UCIP\_FA\_2015\_6135.jpg



Headwall burried on WS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>1.97</b>	Rating **	M	Issue No.	<b>133</b>
LM End	<b>1.97</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.116800 °	38.116800 °
				-121.153987 °	-121.153987 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38628 DS_ID:23907 EP_NO: N/A FS_HLM: 1.98 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_6136.jpg



Steel cleanout in channel off WS toe.

LM Start	<b>1.97</b>	Rating **	M	Issue No.	<b>133 (cont)</b>
LM End	<b>1.97</b>	Issue Type +	En	Location *	CR

Photo 2 of 3 : UCIP\_FA\_2015\_6137.jpg



54-inch CMP riser with gate valve on WS slope. Gate valve rusted in place.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>1.97</b>	Rating **	M	Issue No.	<b>133 (cont)</b>
LM End	<b>1.97</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.116800 °	38.116800 °
				-121.153987 °	-121.153987 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38628 DS_ID:23907 EP_NO: N/A FS_HLM: 1.98 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_6138.jpg



54-inch CMP riser with gate valve on WS slope.

LM Start	<b>2.15</b>	Rating **	M	Issue No.	<b>134</b>
LM End	<b>2.15</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.117728 °	38.117728 °
				-121.150986 °	-121.150986 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41960 DS_ID:25007 EP_NO: N/A FS_HLM: 2.157 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 3.5-inch steel communication conduit through the levee at an unknown depth below the crown. Pipe visible on the downstream side of the bridge. FS Date: 06/12/2014					

Photo 1 of 1 : UCIP\_FA\_2015\_6174.jpg



Pipe visible on the downstream side of the bridge.

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

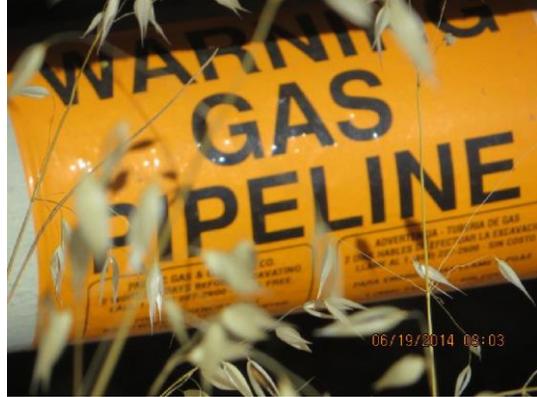
**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>2.16</b>	Rating **	U	Issue No.	<b>135</b>
LM End	<b>2.16</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.117704 °	38.117704 °
				-121.150823 °	-121.150823 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39450 DS_ID:25008 EP_NO: N/A FS_HLM: 2.166 Repair Type: Urgent Crossing Status: Found UCIP Comments: Need gasline markers on both levees. No permit identified for this crossing. FIELD_STRUCT_DESC: 4.5-inch gas line through the levee at an unknown depth below the crown. Pipe attached to upstream side of bridge. FS Date: 06/19/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6175.jpg



Gasline visible on upstream side of bridge.

LM Start	<b>2.16</b>	Rating **	U	Issue No.	<b>135 (cont)</b>
LM End	<b>2.16</b>	Issue Type +	En	Location *	CR

Photo 2 of 3 : UCIP\_FA\_2015\_6176.jpg



Gasline visible on upstream side of bridge.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>2.16</b>	Rating **	U	Issue No.	<b>135 (cont)</b>
LM End	<b>2.16</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.117704 °	38.117704 °
				-121.150823 °	-121.150823 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39450 DS_ID:25008 EP_NO: N/A FS_HLM: 2.166 Repair Type: Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_6177.jpg



Gasoline visible on upstream side of bridge.

LM Start	<b>2.18</b>	Rating **	M	Issue No.	<b>35</b>
LM End	<b>2.64</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.117792 °	38.121790 °
				-121.150514 °	-121.145020 °
DWR ID	DWR_NA0017_12_s_2015_35				
Action/Comments					
Fence					

Photo 1 of 1 : FA\_2015\_NA0017\_156\_35\_20150911\_00025.jpg



View of fence on the landside toe of the levee looking upstream.

LM Start	<b>2.22</b>	Rating **	M	Issue No.	<b>9</b>
LM End	<b>2.22</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.117784 °	38.117784 °
				-121.149763 °	-121.149763 °
DWR ID	DWR_NA0017_12_s_2014_9				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 2 : FA\_2015\_NA0017\_156\_9\_20150911\_00007.jpg



Updated picture of the rodent holes on the landside of the levee looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>2.22</b>	Rating **	M	Issue No.	<b>9 (cont)</b>
LM End	<b>2.22</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.117784 °	38.117784 °	
			-121.149763 °	-121.149763 °	
DWR ID	DWR_NA0017_12_s_2014_9				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 2 of 2 : FA\_2015\_NA0017\_156\_9\_20150911\_00008.jpg



View of a rodent hole that was found on the landside of the levee looking downstream.

LM Start	<b>2.25</b>	Rating **	M	Issue No.	<b>11</b>
LM End	<b>2.25</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.117807 °	38.117807 °	
			-121.149233 °	-121.149233 °	
DWR ID	DWR_NA0017_12_s_2014_11				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA\_2015\_NA0017\_156\_11\_20150911\_00010.jpg



View of rodent holes that were found on the landside toe of the levee upstream.

LM Start	<b>2.36</b>	Rating **	M	Issue No.	<b>8</b>
LM End	<b>2.42</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.118957 °	38.119761 °	
			-121.147865 °	-121.147461 °	
DWR ID	DWR_NA0017_12_s_2012_8				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA\_2015\_NA0017\_156\_8\_20150911\_00006.jpg



View of trees and landscaping found on the landside of the levee looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>2.53</b>	Rating **	M	Issue No.	<b>26</b>
LM End	<b>2.53</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.121296 °	38.121296 °
				-121.146643 °	-121.146643 °
DWR ID	DWR_NA0017_12_f_2015_26				
Action/Comments					
Prunings					

No Photos

LM Start	<b>2.61</b>	Rating **	U	Issue No.	<b>136</b>
LM End	<b>2.61</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.121463 °	38.121463 °
				-121.145437 °	-121.145437 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41766 DS_ID:23913 EP_NO: N/A FS_HLM: 2.618 Repair Type: Urgent Crossing Status: Found UCIP Comments: Silt buildup on WS toe blocking flapgate operation. FIELD_STRUCT_DESC: 24-inch CM stormdrain pipe through the levee, 4-feet below the crown. Flap gate on the waterward end. Cobble grouted spillway. Cobble grouted intake on the landward side. O&M Manual Bear Creek Part 2, 1967. FS Date: 06/19/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6178.jpg



Inlet at LS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	09/30/2015 09/30/2015	Pavel Kazi

LM Start	2.61	Rating **	U	Issue No.	136 (cont)
LM End	2.61	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
			Start	End	
Item	DWR UCIP Field Study			38.121463 °	38.121463 °
				-121.145437 °	-121.145437 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41766 DS_ID:23913 EP_NO: N/A FS_HLM: 2.618 Repair Type: Urgent Crossing Status: Found UCIP Comments: Silt buildup on WS toe blocking flapgate operation. FIELD_STRUCT_DESC: 24-inch CM stormdrain pipe through the levee, 4-feet below the crown. Flap gate on the waterward end. Cobble grouted spillway. Cobble grouted intake on the landward side. O&M Manual Bear Creek Part 2, 1967. FS Date: 06/19/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_6179.jpg



Inlet at LS toe.

Photo 3 of 3 : UCIP\_FA\_2015\_6180.jpg



Flapgate and grouted spillway on WS slope.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>2.64</b>	Rating **	C	Issue No.	<b>21</b>
LM End	<b>2.64</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.121790 °	38.121790 °	
			-121.145020 °	-121.145020 °	
DWR ID	DWR_NA0017_12_s_2015_21				
Action/Comments					
Repair slope instability. Inspector Comments: Runoff					

No Photos

LM Start	<b>2.67</b>	Rating **	C	Issue No.	<b>36</b>
LM End	<b>2.67</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.122209 °	38.122209 °	
			-121.144633 °	-121.144633 °	
DWR ID	DWR_NA0017_12_s_2015_36				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	<b>2.68</b>	Rating **	A	Issue No.	<b>27</b>
LM End	<b>2.68</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.122240 °	38.122240 °	
			-121.144572 °	-121.144572 °	
DWR ID	DWR_NA0017_12_f_2015_27				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: LMA has repaired the rodent holes.					

Photo 1 of 1 : FA\_2015\_NA0017\_156\_27\_20151005\_00029.jpg



LMA has repaired rodent holes on the waterside of the levee looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>2.69</b>	Rating **	M	Issue No.	<b>137</b>
LM End	<b>2.69</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.122407 °	38.122407 °
				-121.144447 °	-121.144447 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41687 DS_ID:25011 EP_NO: N/A FS_HLM: 2.706 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 10-inch PVC irrigation pipe through the levee at an unknown depth. Pipe discharges into a 36-inch concrete standpipe on the WS shoulder. Unclear of pipe alignment. FS Date: 06/12/2014					

Photo 1 of 1 : UCIP\_FA\_2015\_6210.jpg



Pipe visible at discharge point to 36-inch concrete standpipe on WS shoulder.

LM Start	<b>2.69</b>	Rating **	M	Issue No.	<b>138</b>
LM End	<b>2.69</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.122407 °	38.122407 °
				-121.144447 °	-121.144447 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41686 DS_ID:25010 EP_NO: N/A FS_HLM: 2.706 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 4-inch PVC irrigation pipe through the levee at an unknown depth. Pipe discharges into a 36-inch concrete standpipe on the WS shoulder. A pump is mounted on a steel frame over a pond off the LS shoulder. FS Date: 06/12/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_6211.jpg



Pipe visible at discharge into 36-inch concrete standpipe on WS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>2.69</b>	Rating **	M	Issue No.	<b>138 (cont)</b>
LM End	<b>2.69</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.122407 °	38.122407 °
				-121.144447 °	-121.144447 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41686 DS_ID:25010 EP_NO: N/A FS_HLM: 2.706 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 4-inch PVC irrigation pipe through the levee at an unknown depth. Pipe discharges into a 36-inch concrete standpipe on the WS shoulder. A pump is mounted on a steel frame over a pond off the LS shoulder. FS Date: 06/12/2014					

Photo 2 of 2 : UCIP\_FA\_2015\_6212.jpg



Submersible pump at LS in drainage pond. Pipe on metal frame.

LM Start	<b>2.69</b>	Rating **	M	Issue No.	<b>139</b>
LM End	<b>2.69</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.122419 °	38.122419 °
				-121.144470 °	-121.144470 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38635 DS_ID:23914 EP_NO: N/A FS_HLM: 2.705 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears to be abandoned as pump has been disconnected. However, Concrete riser on WS shoulder appears to be in use. FIELD_STRUCT_DESC: 8-inch steel pipe through the levee, 3.5-feet below the crown. 36-inch Concrete standpipe on the waterward side. 36-inch CM pump sump unit with motor mounted on top on the waterward side. 24-inch CM intake pipe from channel to sump. Concrete "U" headwall with trash rack on the waterward end. Waterward slope cobble grouted. O&M Manual Bear Creek Part 2, 1967. FS Date: 06/19/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6181.jpg



Concrete headwall at WS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	09/30/2015 09/30/2015	Pavel Kazi

LM Start	2.69	Rating **	M	Issue No.	139 (cont)
LM End	2.69	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.122419 °	38.122419 °
				-121.144470 °	-121.144470 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:38635 DS_ID:23914 EP_NO: N/A FS_HLM: 2.705 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears to be abandoned as pump has been disconnected. However, Concrete riser on WS shoulder appears to be in use. FIELD_STRUCT_DESC: 8-inch steel pipe through the levee, 3.5-feet below the crown. 36-inch Concrete standpipe on the waterward side. 36-inch CM pump sump unit with motor mounted on top on the waterward side. 24-inch CM intake pipe from channel to sump. Concrete "U" headwall with trash rack on the waterward end. Waterward slope cobble grouted. O&M Manual Bear Creek Part 2, 1967. FS Date: 06/19/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_6182.jpg



8-inch pipe from pump has welded steel plate over it.

Photo 3 of 3 : UCIP\_FA\_2015\_6183.jpg



Concrete standpipe, pipe section, and pump over 36-inch CMP sump on WS shoulder.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>2.74</b>	Rating **	C	Issue No.	<b>16</b>
LM End	<b>2.74</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.123222 °	38.123222 °	
			-121.144640 °	-121.144640 °	
DWR ID	DWR_NA0017_12_s_2014_16				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Animal hole got bigger caused by erosion.					

No Photos

LM Start	<b>2.82</b>	Rating **	C	Issue No.	<b>39</b>
LM End	<b>2.82</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Crown Surface / Depressions / Rutting		38.124294 °	38.124294 °	
			-121.143939 °	-121.143939 °	
DWR ID	DWR_NA0017_12_s_2015_39				
Action/Comments					
Add appropriate gravel or road base. Grade and compact.					

No Photos

LM Start	<b>2.83</b>	Rating **	C	Issue No.	<b>128</b>
LM End	<b>2.83</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.123222 °	38.123222 °	
			121.144640 °	121.144640 °	
DWR ID	DWR_NA0017_12_f_2015_128				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: This issue was in the Inspection report, but not on the Corrective Action list. This has been corrected.					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>3.09</b>	Rating **	M	Issue No.	<b>140</b>
LM End	<b>3.09</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.126939 °	38.126939 °
				-121.141925 °	-121.141925 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41555 DS_ID:23928 EP_NO: N/A FS_HLM: 3.109 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe open on both ends. FIELD_STRUCT_DESC: 1 of 2: 24-inch CM stormdrain pipe through the levee, 3.0-feet below the crown. O&M Manual Bear Creek Part 2, 1967. FS Date: 06/19/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6282.jpg



Pipe at grouted spillway on WS slope.

LM Start	<b>3.09</b>	Rating **	M	Issue No.	<b>140 (cont)</b>
LM End	<b>3.09</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_6283.jpg



Pipe at grouted spillway on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>3.09</b>	Rating **	M	Issue No.	<b>140 (cont)</b>
LM End	<b>3.09</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.126939 °	38.126939 °
				-121.141925 °	-121.141925 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41555 DS_ID:23928 EP_NO: N/A FS_HLM: 3.109 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_6284.jpg



Pipe on LS toe.

LM Start	<b>3.09</b>	Rating **	M	Issue No.	<b>141</b>
LM End	<b>3.09</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.126943 °	38.126943 °
				-121.141916 °	-121.141916 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41554 DS_ID:23926 EP_NO: N/A FS_HLM: 3.11 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe open with no flapgate. FIELD_STRUCT_DESC: 2 of 2: 24-inch CM stormdrain pipe through the levee, 3.0-feet below the crown. O&M Manual Bear Creek Part 2, 1967. FS Date: 06/19/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6285.jpg



Pipe visible on WS slope at grouted spillway.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	09/30/2015 09/30/2015	Pavel Kazi

LM Start	3.09	Rating **	M	Issue No.	141 (cont)
LM End	3.09	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.126943 °	38.126943 °
				-121.141916 °	-121.141916 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41554 DS_ID:23926 EP_NO: N/A FS_HLM: 3.11 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe open with no flapgate. FIELD_STRUCT_DESC: 2 of 2: 24-inch CM stormdrain pipe through the levee, 3.0-feet below the crown. O&M Manual Bear Creek Part 2, 1967. FS Date: 06/19/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_6286.jpg



Inside pipe at WS slope.

LM Start	3.09	Rating **	M	Issue No.	141 (cont)
LM End	3.09	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_FA\_2015\_6287.jpg



Pipe visible on WS slope at grouted spillway.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>3.14</b>	Rating **	C	Issue No.	<b>12</b>
LM End	<b>3.14</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.127388 °	38.127388 °
				-121.141197 °	-121.141197 °
DWR ID	DWR_NA0017_12_s_2012_12				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

No Photos

LM Start	<b>3.26</b>	Rating **	C	Issue No.	<b>23</b>
LM End	<b>3.26</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.128445 °	38.128445 °
				-121.139594 °	-121.139594 °
DWR ID	DWR_NA0017_12_f_2012_23				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

No Photos

LM Start	<b>3.34</b>	Rating **	M	Issue No.	<b>142</b>
LM End	<b>3.34</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.129363 °	38.129363 °
				-121.139007 °	-121.139007 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40219 DS_ID:23918 EP_NO: N/A FS_HLM: 3.354 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_6431.jpg



Concrete headwall at 24-inch CMP pipe on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	09/30/2015 09/30/2015	Pavel Kazi

LM Start	3.34	Rating **	M	Issue No.	142 (cont)
LM End	3.34	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.129363 °	38.129363 °
				-121.139007 °	-121.139007 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:40219 DS_ID:23918 EP_NO: N/A FS_HLM: 3.354 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and should be done so properly as there is still a 24-inch CMP running from the WS slope to the demolished pump on a sump at WS. FIELD_STRUCT_DESC: 12-inch concrete siphon pipe through the levee, 3.0 feet below the crown. 24-inch CM pump sump unit with motor mounted on top on the waterward side has been removed. Remnants of 36-inch concrete standpipe found on LS shoulder around new well and . Concrete headwall adn 24-inch CMP pipe still remain on WS slope. O&M Manual Bear Creek Part 2, 1967. FS Date: 06/19/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_6432.jpg



Concrete headwall at 24-inch CMP pipe on WS slope.

LM Start	3.34	Rating **	M	Issue No.	142 (cont)
LM End	3.34	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_FA\_2015\_6433.jpg



Concrete headwall at 24-inch CMP pipe on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>3.38</b>	Rating **	M	Issue No.	<b>113</b>
LM End	<b>3.38</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.130018 °	38.130018 °	
			-121.139019 °	-121.139019 °	
DWR ID	DWR_NA0017_12_s_2012_113				
Action/Comments					
Equipment					

Photo 1 of 1 : FA\_2015\_NA0017\_156\_113\_20150911\_00028.jpg



View of farming equipment that was found on the waterside of the levee looking upstream.

LM Start	<b>3.46</b>	Rating **	M	Issue No.	<b>24</b>
LM End	<b>3.46</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.131140 °	38.131140 °	
			-121.138541 °	-121.138541 °	
DWR ID	DWR_NA0017_12_f_2012_24				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 2 : FA\_2015\_NA0017\_156\_24\_20151005\_00030.jpg



Updated picture of the erosion on the waterside of the levee during fall 2015 inspection.

LM Start	<b>3.46</b>	Rating **	M	Issue No.	<b>24 (cont)</b>
LM End	<b>3.46</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA\_2015\_NA0017\_156\_24\_20150911\_00020.jpg



View of the erosion on the waterside of the levee. The picture was taken during spring 2014 inspection looking downstream.

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



**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2015 Levee Inspection Results**

**San Joaquin County Flood Control and Water Conservation District**

Waterway		Bank	Unit Miles	
Unit No. 13 Middle Paddy Creek		Left	1.38	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	04/24/2015 - 04/24/2015		09/30/2015 - 09/30/2015	
DWR Inspector	Pavel Kazi		Pavel Kazi	
Accompanied By	Jay Jauregui SJCFC&WCD		Jay Jauregui SJCFC&WCD	

**Summer & Winter Inspections**

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

DWR must be informed on the:

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

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

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

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

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

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Middle Paddy Creek	Left	1.38	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>0.02</b>	Rating **	M	Issue No.	<b>3</b>
LM End	<b>1.38</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.109383 °	38.110833 °	
			-121.160137 °	-121.138757 °	
DWR ID	DWR_NA0017_13_s_2012_3				
Action/Comments					
Fence					

Photo 1 of 2 : FA\_2015\_NA0017\_157\_3\_20150911\_00002.jpg



View of a fence located on the landside of the levee looking upstream.

LM Start	<b>0.02</b>	Rating **	M	Issue No.	<b>3 (cont)</b>
LM End	<b>1.38</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA\_2015\_NA0017\_157\_3\_20150911\_00003.jpg



View of a fence that was found on the landside of the levee looking upstream.

LM Start	<b>0.11</b>	Rating **	A	Issue No.	<b>5</b>
LM End	<b>0.11</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.109687 °	38.109687 °	
			-121.158481 °	-121.158481 °	
DWR ID	DWR_NA0017_13_s_2015_5				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: LMA has repaired the possible beaver den.					

Photo 1 of 2 : FA\_2015\_NA0017\_157\_5\_20151116\_00008.jpg



LMA repaired the possible beaver den on the waterside toe of the levee during fall 2015.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Middle Paddy Creek	Left	1.38	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>0.11</b>	Rating **	A	Issue No.	<b>5 (cont)</b>
LM End	<b>0.11</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.109687 °	38.109687 °	
			-121.158481 °	-121.158481 °	
DWR ID	DWR_NA0017_13_s_2015_5				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: LMA has repaired the possible beaver den.					

Photo 2 of 2 : FA\_2015\_NA0017\_157\_5\_20150911\_00004.jpg



View of a beaver den on the waterside toe of the levee. The picture was taken across the levee.

LM Start	<b>0.17</b>	Rating **	A	Issue No.	<b>6</b>
LM End	<b>0.17</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.109467 °	38.109467 °	
			-121.157463 °	-121.157463 °	
DWR ID	DWR_NA0017_13_f_2015_6				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Acceptable vegetation.					

Photo 1 of 1 : FA\_2015\_NA0017\_157\_6\_20151005\_00007.jpg



View of acceptable vegetation on the waterside of the levee looking upstream.

LM Start	<b>0.20</b>	Rating **	C	Issue No.	<b>4</b>
LM End	<b>0.20</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.109496 °	38.109496 °	
			-121.156758 °	-121.156758 °	
DWR ID	DWR_NA0017_13_f_2014_4				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Middle Paddy Creek	Left	1.38	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>0.38</b>	Rating **	M	Issue No.	<b>2</b>
LM End	<b>0.38</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.109580 °	38.109580 °	
			-121.153445 °	-121.153445 °	
DWR ID	DWR_NA0017_13_s_2012_2				
Action/Comments					
Tank					

Photo 1 of 1 : FA\_2015\_NA0017\_157\_2\_20150911\_00001.jpg



View of a tub/tank on the landward slope blocking access and visibility looking upstream.

LM Start	<b>0.56</b>	Rating **	M	Issue No.	<b>9</b>
LM End	<b>0.56</b>	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.110953 °	38.110953 °	
			-121.150945 °	-121.150945 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41958 DS_ID:25003 EP_NO: N/A FS_HLM: 0.559 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 2.5-inch steel communication line through the levee at an unknown depth below the crown. Pipe visible on downstream side of the bridge. FS Date: 06/12/2014					

Photo 1 of 1 : UCIP\_FA\_2015\_6167.jpg



Pipe visible on downstream side of the bridge.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Middle Paddy Creek	Left	1.38	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>0.57</b>	Rating **	U	Issue No.	<b>10</b>
LM End	<b>0.57</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.111098 °	38.111098 °
				-121.150802 °	-121.150802 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39444 DS_ID:25004 EP_NO: N/A FS_HLM: 0.57 Repair Type: Urgent Crossing Status: Found UCIP Comments: Gasline markers are needed on both levees. No permit identified for crossing. FIELD_STRUCT_DESC: 4-inch gas line through the levee at an unknown depth below the crown. Pipe attached to the upstream side of the bridge. FS Date: 06/12/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_6168.jpg



Gasline visible under bridge on upstream side.

LM Start	<b>0.57</b>	Rating **	U	Issue No.	<b>10 (cont)</b>
LM End	<b>0.57</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP\_FA\_2015\_6169.jpg



Gasline visible under bridge on upstream side.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Middle Paddy Creek	Left	1.38	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>1.02</b>	Rating **	M	Issue No.	<b>8</b>
LM End	<b>1.02</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.110906 °	38.110906 °	
			-121.144116 °	-121.144116 °	
DWR ID	DWR_NA0017_13_f_2014_8				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA\_2015\_NA0017\_157\_8\_20150911\_00006.jpg



View of an animal hole that was found on the landside of the levee looking upstream.

LM Start	<b>1.21</b>	Rating **	M	Issue No.	<b>7</b>
LM End	<b>1.21</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.111513 °	38.111513 °	
			-121.141216 °	-121.141216 °	
DWR ID	DWR_NA0017_13_f_2014_7				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA\_2015\_NA0017\_157\_7\_20150911\_00005.jpg



View of an animal hole that was found on the landside toe of the levee looking upstream.

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

**Unit Cover Sheet**

**Fall 2015 Levee Inspection Results**

**San Joaquin County Flood Control and Water Conservation District**

Waterway		Bank	Unit Miles	
Unit No. 14 Middle Paddy Creek		Right	1.38	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	04/24/2015 - 04/24/2015		09/30/2015 - 09/30/2015	
DWR Inspector	Pavel Kazi		Pavel Kazi	
Accompanied By	Jay Jauregui SJCF&WCD		Jay Jauregui SJCF&WCD	

**Summer & Winter Inspections**

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

DWR must be informed on the:

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

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

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

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

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

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.38	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>0.02</b>	Rating **	M	Issue No.	<b>6</b>
LM End	<b>0.54</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.109670 °	38.111263 °	
			-121.159889 °	-121.151091 °	
DWR ID	DWR_NA0017_14_s_2012_6				
Action/Comments					
Fence					

Photo 1 of 1 : FA\_2015\_NA0017\_158\_6\_20150911\_00007.jpg



View of a fence that was found on the landside of the levee looking downstream.

LM Start	<b>0.25</b>	Rating **	M	Issue No.	<b>15</b>
LM End	<b>0.25</b>	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.109799 °	38.109799 °	
			-121.155621 °	-121.155621 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38615 DS_ID:23940 EP_NO: N/A FS_HLM: 0.256 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Debris partially blocking closure of flapgate. FIELD_STRUCT_DESC: 12-inch CM stormdrain pipe through the levee, 3.0-feet below the crown. Flap gate on the waterward end. Cobble grouted spillway. O&M Manual Bear Creek Part 2, 1967. FS Date: 06/12/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6740.jpg



Pipe at inlet on LS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.38	09/30/2015 09/30/2015	Pavel Kazi

LM Start	0.25	Rating **	M	Issue No.	15 (cont)
LM End	0.25	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.109799 °	38.109799 °
				-121.155621 °	-121.155621 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38615 DS_ID:23940 EP_NO: N/A FS_HLM: 0.256 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Debris partially blocking closure of flapgate. FIELD_STRUCT_DESC: 12-inch CM stormdrain pipe through the levee, 3.0-feet below the crown. Flap gate on the waterward end. Cobble grouted spillway. O&M Manual Bear Creek Part 2, 1967. FS Date: 06/12/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_6741.jpg



Pipe at inlet on LS shoulder.

LM Start	0.25	Rating **	M	Issue No.	15 (cont)
LM End	0.25	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_6742.jpg



Pipe, flapgate, and grouted spillway on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.38	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>0.37</b>	Rating **	M	Issue No.	<b>16</b>
LM End	<b>0.37</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.109855 °	38.109855 °
				-121.153390 °	-121.153390 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38614 DS_ID:23941 EP_NO: N/A FS_HLM: 0.38 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_6737.jpg



Pipe buried on WS slope.

LM Start	<b>0.37</b>	Rating **	M	Issue No.	<b>16 (cont)</b>
LM End	<b>0.37</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_6738.jpg



Pipe just visible on LS shoulder.

LM Start	<b>0.37</b>	Rating **	M	Issue No.	<b>16 (cont)</b>
LM End	<b>0.37</b>	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_6739.jpg



Pipe just visible on LS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.38	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>0.55</b>	Rating **	U	Issue No.	<b>17</b>
LM End	<b>0.55</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.111372 °	38.111372 °
				-121.150985 °	-121.150985 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41243 DS_ID:23943 EP_NO: N/A FS_HLM: 0.555 Repair Type: Urgent Crossing Status: Found UCIP Comments: Pipe inlet and outlet partially blocked by sediment. No flaggate FIELD_STRUCT_DESC: 18-inch CM stormdrain pipe through the levee, 2.5-feet below the crown. Open on both ends. Cobble grouted spillway. O&M Manual Bear Creek Part 2, 1967. FS Date: 06/12/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_6735.jpg



Pipe on WS shoulder.

LM Start	<b>0.55</b>	Rating **	U	Issue No.	<b>17 (cont)</b>
LM End	<b>0.55</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP\_FA\_2015\_6736.jpg



Pipe on LS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.38	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>0.55</b>	Rating **	M	Issue No.	<b>18</b>
LM End	<b>0.55</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.111395 °	38.111395 °
				-121.150949 °	-121.150949 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41959 DS_ID:25006 EP_NO: N/A FS_HLM: 0.558 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 2 : UCIP\_FA\_2015\_6170.jpg



Conduit visible on downstream side of bridge.

LM Start	<b>0.55</b>	Rating **	M	Issue No.	<b>18 (cont)</b>
LM End	<b>0.55</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP\_FA\_2015\_6171.jpg



Conduit visible on downstream side of bridge.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.38	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>0.56</b>	Rating **	U	Issue No.	<b>19</b>
LM End	<b>0.56</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.111485 °	38.111485 °
				-121.150806 °	-121.150806 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39447 DS_ID:25005 EP_NO: N/A FS_HLM: 0.567 Repair Type: Urgent Crossing Status: Found					

Photo 1 of 2 : UCIP\_FA\_2015\_6172.jpg



Gasline visible on upstream side of the bridge.

LM Start	<b>0.56</b>	Rating **	U	Issue No.	<b>19 (cont)</b>
LM End	<b>0.56</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP\_FA\_2015\_6173.jpg



Gasline visible on upstream side of the bridge.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.38	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>0.56</b>	Rating **	M	Issue No.	<b>7</b>
LM End	<b>0.56</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Crown Surface / Depressions / Rutting		38.111490 °	38.111490 °	
			-121.150762 °	-121.150762 °	
DWR ID	DWR_NA0017_14_s_2013_7				
Action/Comments					
Repair depressions or ruts in the crown or slope.					

Photo 1 of 1 : FA\_2015\_NA0017\_158\_7\_20150911\_00008.jpg



View of a crown depression that was found looking upstream.

LM Start	<b>0.60</b>	Rating **	M	Issue No.	<b>5</b>
LM End	<b>0.60</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.111770 °	38.111770 °	
			-121.150112 °	-121.150112 °	
DWR ID	DWR_NA0017_14_s_2012_5				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA\_2015\_NA0017\_158\_5\_20150911\_00006.jpg



View of animal holes that were found on the waterside of the levee looking upstream.

LM Start	<b>0.60</b>	Rating **	M	Issue No.	<b>4</b>
LM End	<b>0.60</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.111774 °	38.111774 °	
			-121.150073 °	-121.150073 °	
DWR ID	DWR_NA0017_14_s_2012_4				
Action/Comments					
Note and monitor erosion site.					

Photo 1 of 2 : FA\_2015\_NA0017\_158\_4\_20150911\_00004.jpg



View of erosion that was found on the waterside of the levee looking upstream. This picture was taken during spring 2012 inspection.

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



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.38	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>0.75</b>	Rating **	M	Issue No.	<b>20</b>
LM End	<b>0.75</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.111475 °	38.111475 °
				-121.148081 °	-121.148081 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41365 DS_ID:23945 EP_NO: N/A FS_HLM: 0.762 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe open on both ends. Levee appears abandoned. FIELD_STRUCT_DESC: 24-inch CM stormdrain pipe through the levee, 1-foot below the crown. Cobble grouted spillway. Cobble grouted intake on the landward side. Open on both ends. O&M Manual Bear Creek Part 2, 1967. FS Date: 06/12/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6732.jpg



Pipe on LS shoulder.

LM Start	<b>0.75</b>	Rating **	M	Issue No.	<b>20 (cont)</b>
LM End	<b>0.75</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_6733.jpg



Pipe on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.38	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>0.75</b>	Rating **	M	Issue No.	<b>20 (cont)</b>
LM End	<b>0.75</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.111475 °	38.111475 °
				-121.148081 °	-121.148081 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41365 DS_ID:23945 EP_NO: N/A FS_HLM: 0.762 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_6734.jpg



Pipe on WS slope.

LM Start	<b>0.81</b>	Rating **	M	Issue No.	<b>2</b>
LM End	<b>0.81</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.110628 °	38.110628 °
				-121.147429 °	-121.147429 °
DWR ID	DWR_NA0017_14_s_2012_2				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

Photo 1 of 1 : FA\_2015\_NA0017\_158\_2\_20150911\_00002.jpg



View of a large diameter rodent hole in the waterward berm looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.38	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>0.94</b>	Rating **	M	Issue No.	<b>21</b>
LM End	<b>0.94</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.110801 °	38.110801 °
				-121.145174 °	-121.145174 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:41791 DS_ID:23946 EP_NO: N/A FS_HLM: 0.957 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe burried on LS. Levee appears abandoned. FIELD_STRUCT_DESC: 12-inch CM stormdrain pipe through the levee, 2.0-feet below the crown. Open on both ends. Cobble grouted spillway. O&M Manual Bear Creek Part 2, 1967. FS Date: 06/12/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6729.jpg



Inside pipe at WS slope.

LM Start	<b>0.94</b>	Rating **	M	Issue No.	<b>21 (cont)</b>
LM End	<b>0.94</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_6730.jpg



Pipe and grouted spillway on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.38	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>0.94</b>	Rating **	M	Issue No.	<b>21 (cont)</b>
LM End	<b>0.94</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.110801 °	38.110801 °
				-121.145174 °	-121.145174 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41791 DS_ID:23946 EP_NO: N/A FS_HLM: 0.957 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_6731.jpg



Pipe and grouted spillway on WS slope.

LM Start	<b>0.96</b>	Rating **	M	Issue No.	<b>22</b>
LM End	<b>0.96</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.110926 °	38.110926 °
				-121.144799 °	-121.144799 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41792 DS_ID:23947 EP_NO: N/A FS_HLM: 0.98 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe buried on LS shoulder and open on WS. Levee appears abandoned. FIELD_STRUCT_DESC: 18-inch CM stormdrain pipe through the levee, 3.0-feet below the crown. Open on both ends. Cobble grouted spillway. Cobble grouted intake on landward side. O&M Manual Bear Creek Part 2, 1967. FS Date: 06/12/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_6727.jpg



Pipe and grouted spillway on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.38	09/30/2015 09/30/2015	Pavel Kazi

LM Start	0.96	Rating **	M	Issue No.	22 (cont)
LM End	0.96	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.110926 °	38.110926 °
DWR ID				-121.144799 °	-121.144799 °
Action/Comments					
Inspector Comments: FS_ID:41792 DS_ID:23947 EP_NO: N/A FS_HLM: 0.98 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe burried on LS shoulder and open on WS. Levee appears abandoned. FIELD_STRUCT_DESC: 18-inch CM stormdrain pipe through the levee, 3.0-feet below the crown. Open on both ends. Cobble grouted spillway. Cobble grouted intake on landward side. O&M Manual Bear Creek Part 2, 1967. FS Date: 06/12/2014					

Photo 2 of 2 : UCIP\_FA\_2015\_6728.jpg



Pipe and grouted spillway on WS slope.

LM Start	1.04	Rating **	M	Issue No.	23
LM End	1.04	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.111557 °	38.111557 °
DWR ID				-121.143532 °	-121.143532 °
Action/Comments					
Inspector Comments: FS_ID:42011 DS_ID:23948 EP_NO: N/A FS_HLM: 1.063 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Outlet burried in soil. Levee appears abandoned. FIELD_STRUCT_DESC: 12-inch CM pipe through the levee, 2.5 feet below the crown. Cobble grouted spillway. Open on both ends. O&M Manual Bear Creek Part 2, 1967. FS Date: 06/12/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6724.jpg



Small PVC standpipe where pipe end should be on 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**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.38	09/30/2015 09/30/2015	Pavel Kazi

LM Start	1.04	Rating **	M	Issue No.	23 (cont)
LM End	1.04	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.111557 °	38.111557 °
				-121.143532 °	-121.143532 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:42011 DS_ID:23948 EP_NO: N/A FS_HLM: 1.063 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Outlet buried in soil. Levee appears abandoned. FIELD_STRUCT_DESC: 12-inch CM pipe through the levee, 2.5 feet below the crown. Cobble grouted spillway. Open on both ends. O&M Manual Bear Creek Part 2, 1967. FS Date: 06/12/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_6725.jpg



Grouted spillway at pipe location. Pipe covered in debris.

LM Start	1.04	Rating **	M	Issue No.	23 (cont)
LM End	1.04	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_FA\_2015\_6726.jpg



Grouted spillway at pipe location. Pipe covered in debris.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.38	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>1.11</b>	Rating **	M	Issue No.	<b>24</b>
LM End	<b>1.11</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.112125 °	38.112125 °
				-121.142568 °	-121.142568 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41793 DS_ID:23949 EP_NO: N/A FS_HLM: 1.129 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_6588.jpg



Pipe, flapgate, and grouted spillway on WS slope.

LM Start	<b>1.11</b>	Rating **	M	Issue No.	<b>24 (cont)</b>
LM End	<b>1.11</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_6589.jpg



LS of levee at pipe. Pipe largely filled in with soil.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.38	09/30/2015 09/30/2015	Pavel Kazi

LM Start	<b>1.11</b>	Rating **	M	Issue No.	<b>24 (cont)</b>
LM End	<b>1.11</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.112125 °	38.112125 °
				-121.142568 °	-121.142568 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41793 DS_ID:23949 EP_NO: N/A FS_HLM: 1.129 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_6590.jpg



LS of levee at pipe. Pipe largely filled in with soil.

LM Start	<b>1.16</b>	Rating **	M	Issue No.	<b>25</b>
LM End	<b>1.16</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.112296 °	38.112296 °
				-121.141654 °	-121.141654 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41794 DS_ID:23950 EP_NO: N/A FS_HLM: 1.182 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe open on both ends. Levee appears abandoned. FIELD_STRUCT_DESC: 48-inch concrete pipe through the levee, 5.5 feet below the crown. Cobble grouted spillway. Cobble grouted intake on the landward side. Open on both ends. O&M Manual Bear Creek Part 2, 1967. FS Date: 06/12/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6585.jpg



Pipe at LS intake.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.38	09/30/2015 09/30/2015	Pavel Kazi

LM Start	1.16	Rating **	M	Issue No.	25 (cont)
LM End	1.16	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.112296 °	38.112296 °
				-121.141654 °	-121.141654 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41794 DS_ID:23950 EP_NO: N/A FS_HLM: 1.182 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe open on both ends. Levee appears abandoned. FIELD_STRUCT_DESC: 48-inch concrete pipe through the levee, 5.5 feet below the crown. Cobble grouted spillway. Cobble grouted intake on the landward side. Open on both ends. O&M Manual Bear Creek Part 2, 1967. FS Date: 06/12/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_6586.jpg



Inside pipe.

LM Start	1.16	Rating **	M	Issue No.	25 (cont)
LM End	1.16	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_FA\_2015\_6587.jpg



Pipe on WS toe.

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

**Unit Cover Sheet**

**Fall 2015 Levee Inspection Results**

**San Joaquin County Flood Control and Water Conservation District**

Waterway		Bank	Unit Miles	
Unit No. 15 Mormon Slough		Right	25.38	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>M</b>	
Date of Inspection	04/27/2015 - 04/29/2015		10/02/2015 - 10/14/2015	
DWR Inspector	Pavel Kazi		Pavel Kazi	
Accompanied By	Jay Jauregui SJCF&WCD		Jay Jauregui SJCF&WCD	

**Summer & Winter Inspections**

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

DWR must be informed on the:

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

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

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

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

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

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>1153</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.992900 °	121.294410 °
				0.000000 °	0.000000 °
DWR ID	DWR_NA0017_15_s_2014_1153				
Action/Comments					
Garbage Inspector Comments: Removed old jute erosion control rolls from levee slope.					

No Photos

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>1154</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	LS
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Security Fencing			37.992900 °	121.294410 °
				0.000000 °	0.000000 °
DWR ID	DWR_NA0017_15_s_2014_1154				
Action/Comments					
Inspector Comments: Removed a ballard from levee					

No Photos

LM Start	<b>0.00</b>	Rating **	U	Issue No.	<b>1155</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	WS
Category	Interior Drainage & Piping Systems			GPS Latitude/Longitude	
				Start	End
Item	Vegetation & Obstructions			0.000000 °	0.000000 °
				0.000000 °	0.000000 °
DWR ID	DWR_NA0017_15_s_2014_1155				
Action/Comments					
Inspector Comments: This is the Upper Calaveras river channel. No levee exists. A downed oak tree and wood debris were removed from the channel.					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>0.27</b>	Rating **	A/W	Issue No.	<b>141</b>
LM End	<b>1.58</b>	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.049658 °	38.040100 °
				-121.014806 °	-121.034319 °
DWR ID	DWR_NA0017_15_s_2012_141				
Action/Comments					
Material Inspector Comments: This portion of the unit contains a non-project levee. Accordingly, the only issues rated along this stretch affect access and the ability to inspect the channel. Other issues found have been rated "A/W."					

No Photos

LM Start	<b>0.28</b>	Rating **	M	Issue No.	<b>1</b>
LM End	<b>0.35</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.049557 °	38.048987 °
				-121.014935 °	-121.015907 °
DWR ID	DWR_NA0017_15_f_2015_1				
Action/Comments					
Fence Inspector Comments: An unpermitted fence was found on the landside shoulder of the levee.					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_1\_20151009\_00137.jpg



A fence was found on the landside shoulder of the levee looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>0.36</b>	Rating **	M	Issue No.	<b>1156</b>
LM End	<b>0.36</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.048869 °	38.048869 °
				-121.016177 °	-121.016177 °
DWR ID					

**Action/Comments**

Inspector Comments: FS\_ID:40347  
 DS\_ID:23196  
 EP\_NO: N/A  
 FS\_HLM: 0.367  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: Appears to be abandoned and if so should be done so properly. A well pump and concrete standpipe also found on landside across Highway 26.  
 FIELD\_STRUCT\_DESC: Abandoned 10-inch concrete pipe through the levee 7.5 feet below the crown. Concrete headwall on the waterward side. 36-inch concrete standpipe on the waterward side. Pump mounted on concrete pad in stream.  
 FS Date: 04/09/2014

Photo 1 of 3 : UCIP\_FA\_2015\_5631.jpg



LS view: well pump and concrete standpipe off the levee across the Hiway 26.

LM Start	<b>0.36</b>	Rating **	M	Issue No.	<b>1156 (cont)</b>
LM End	<b>0.36</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_5632.jpg



WS view: U type headwall and abandoned pump on concrete pad.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>0.39</b>	Rating **	M	Issue No.	<b>7</b>
LM End	<b>1.30</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.045818 °	38.045818 °
				-121.023955 °	-121.023955 °
DWR ID					

**Action/Comments**

Inspector Comments: 8/12/2015: No significant change observed.  
 8/20/2014: No significant change has been observed.  
 9/12/2013: No significant change observed.  
 08/22/2012: Site has been revisited. No significant change observed.  
 09/02/2011: No significant change observed on site.  
 11/02/2010: No significant change observed. The mile-long erosion continues to degrade the bank. There are a few trees along the mile-long stretch on the lower bank slope that are affected by the scarp. WS Levee Slope was changed to 2:1. As a result, normalized score increased from 62 to 65.  
 08/05/2010: Recommended for waterside repair, per CLRO; "water velocity is a major factor for accelerating bank slope erosion."  
 8/12/2009: Near-vertical bank erosion; degrading channel is incising the banks; recommend annual assessment and monitoring of critical erosion site, per CLRO CES Evaluation 2008 Report; district is monitoring site for change in condition; site was previously rated "U".  
 2007: Visited site 02/06/2007; possible critical site. [2015 Site ID:NA0017U15RM22.91]

Photo 1 of 3 : SJR2015\_NA0017U15RM22.91\_1.jpg



Downstream view of the site.

Photo 2 of 3 : SJR2015\_NA0017U15RM22.91\_2.jpg



Close view of the erosion site. Small trees grow at the lower slope of the bank.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>0.39</b>	Rating **	M	Issue No.	<b>7 (cont)</b>
LM End	<b>1.30</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.045818 °	38.045818 °
				-121.023955 °	-121.023955 °
DWR ID					
Action/Comments					
Inspector Comments: 8/12/2015: No significant change observed. 8/20/2014: No significant change has been observed. 9/12/2013: No significant change observed. 08/22/2012: Site has been revisited. No significant change observed. 09/02/2011: No significant change observed on site. 11/02/2010: No significant change observed. The mile-long erosion					

Photo 3 of 3 : SJR2015\_NA0017U15RM22.91\_5.jpg



Looking down at the site.

LM Start	<b>0.53</b>	Rating **	M	Issue No.	<b>13</b>
LM End	<b>0.53</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.047748 °	38.047748 °
				-121.018806 °	-121.018806 °
DWR ID	DWR_NA0017_15_s_2014_13				
Action/Comments					
Pole					

No Photos

LM Start	<b>0.70</b>	Rating **	M	Issue No.	<b>1157</b>
LM End	<b>0.70</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.046589 °	38.046589 °
				-121.021635 °	-121.021635 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:34876 DS_ID:23197 EP_NO: N/A FS_HLM: 0.71 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need inlet opening cleaned. FIELD_STRUCT_DESC: 10-inch-diameter steel storm drain pipe through the levee 5 feet below the crown. FS Date: 04/09/2014					

Photo 1 of 1 : UCIP\_FA\_2015\_5389.jpg



LS view: inlet opening and vegetation debris. Needs cleaning and clearing.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>0.79</b>	Rating **	M	Issue No.	<b>116</b>
LM End	<b>0.79</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.046007 °	38.046007 °
				-121.023090 °	-121.023090 °
DWR ID	DWR_NA0017_15_f_2015_116				
Action/Comments					
Pole					

No Photos

LM Start	<b>0.93</b>	Rating **	M	Issue No.	<b>117</b>
LM End	<b>0.93</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.044571 °	38.044571 °
				-121.024874 °	-121.024874 °
DWR ID	DWR_NA0017_15_f_2015_117				
Action/Comments					
Pole					

No Photos

LM Start	<b>1.05</b>	Rating **	U	Issue No.	<b>36</b>
LM End	<b>1.07</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.043080 °	38.043080 °
				-121.026280 °	-121.026280 °
DWR ID					
Action/Comments					
Inspector Comments: 8/12/2015: No significant change observed. 8/20/2014: No significant change observed. 09/12/2013: No significant change observed. 08/22/2012: The erosion was surveyed and documented for monitoring purpose. There is no levee structure on the site, only high ground protecting the land behind. The levee crest width and levee height were not measured or estimated in the field. There is a drainage pipe at the site, which might have caused the problem at one pocket erosion. [2015 Site ID:NA0017U16RM22.74]					

Photo 1 of 2 : SJR2015\_NA0017U16RM22.74\_2.jpg



Close view of the erosion.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	1.16	Rating **	M	Issue No.	1158 (cont)
LM End	1.16	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.041907 °	38.041907 °
DWR ID				-121.027235 °	-121.027235 °
Action/Comments					
Inspector Comments: FS_ID:34877 DS_ID:23199 EP_NO: N/A FS_HLM: 1.175 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Deformed inlet opening. Needs cleaning and clearing on inlet opening on landside. FIELD_STRUCT_DESC: 18-inch CM pipe through the levee 4.5 feet below the crown. Grouted spillway on the waterward end. Open on both ends. O&M Manual SJR Assumed 999. FS Date: 04/09/2014					

Photo 2 of 2 : UCIP\_FA\_2015\_5391.jpg



WS view: CM outfall pipe on channel bank.

LM Start	1.21	Rating **	U	Issue No.	35
LM End	1.21	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.041260 °	38.041260 °
DWR ID				-121.027730 °	-121.027730 °
Action/Comments					
Inspector Comments: 8/12/2015: No significant change observed. 8/20/2014: No significant change observed. 9/12/2013: No significant change observed. 08/22/2012: The erosion is at the outside corner of a river bend, and next to a tree at the levee toe. Irrigation structure presents at the site. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2015 Site ID:NA0017U16RM22.58]					

Photo 1 of 3 : SJR2015\_NA0017U16RM22.58\_1.jpg



Front view of the erosion. The erosion is next to a tree at the levee toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>1.21</b>	Rating **	U	Issue No.	<b>35 (cont)</b>
LM End	<b>1.21</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.041260 °	38.041260 °
				-121.027730 °	-121.027730 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: 8/12/2015: No significant change observed. 8/20/2014: No significant change observed. 9/12/2013: No significant change observed. 08/22/2012: The erosion is at the outside corner of a river bend, and next to a tree at the levee toe. Irrigation structure presents at the site. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2015 Site ID:NA0017U16RM22.58]					

Photo 2 of 3 : SJR2015\_NA0017U16RM22.58\_3.jpg



Closer view of the erosion.

LM Start	<b>1.21</b>	Rating **	U	Issue No.	<b>35 (cont)</b>
LM End	<b>1.21</b>	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SJR2015\_NA0017U16RM22.58\_5.jpg



Front view of the erosion and broken concrete protection on the levee slope.

LM Start	<b>1.45</b>	Rating **	N	Issue No.	<b>1128</b>
LM End	<b>1.45</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.040188 °	38.040188 °
				-121.031854 °	-121.031854 °
DWR ID	DWR_NA0017_15_s_2012_1128				
<b>Action/Comments</b>					
Tree stumps.					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	1.46	Rating **	M	Issue No.	1159
LM End	1.46	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.040197 °	38.040197 °
				-121.032044 °	-121.032044 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40369 DS_ID:23200 EP_NO: N/A FS_HLM: 1.482 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe needs cleaning and clearing on both pipe ends. FIELD_STRUCT_DESC: 18-inch pipe through the levee 6.0 feet below the crown. Grouted spillway on the waterward end. An electric conduit through the levee. O&M Manual SJR Assumed 999. FS Date: 04/09/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_5392.jpg



LS view: buried inlet pipe. Needs cleaning and clearing.

LM Start	1.46	Rating **	M	Issue No.	1159 (cont)
LM End	1.46	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_5393.jpg



WS view: inside view of the outlet pipe. Needs cleaning and clearing.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>1.46</b>	Rating **	M	Issue No.	<b>1159 (cont)</b>
LM End	<b>1.46</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.040197 °	38.040197 °
				-121.032044 °	-121.032044 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40369 DS_ID:23200 EP_NO: N/A FS_HLM: 1.482 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_5394.jpg



WS view: outlet CM pipe on levee slope.

LM Start	<b>1.48</b>	Rating **	M	Issue No.	<b>1160</b>
LM End	<b>1.48</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.040204 °	38.040204 °
				-121.032566 °	-121.032566 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:34879 DS_ID:23201 EP_NO: N/A FS_HLM: 1.511 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Erosion around the pump on waterside. Pipes visible across the Hiway 26 on the field. FIELD_STRUCT_DESC: 8-inch pipe sleeved through 12-inch steel pipe through the levee 11.0 feet below the crown. 2-inch breather pipe on the waterward slope. Pump on the waterside. O&M Manual SJR. FS Date: 04/09/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_5450.jpg



WS view: steel pipe, pump, and appurtenances.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	1.48	Rating **	M	Issue No.	1160 (cont)
LM End	1.48	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.040204 °	38.040204 °
				-121.032566 °	-121.032566 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:34879 DS_ID:23201 EP_NO: N/A FS_HLM: 1.511 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Erosion around the pump on waterside. Pipes visible across the Hiway 26 on the field. FIELD_STRUCT_DESC: 8-inch pipe sleeved through 12-inch steel pipe through the levee 11.0 feet below the crown. 2-inch breather pipe on the waterward slope. Pump on the waterside. O&M Manual SJR. FS Date: 04/09/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_5451.jpg



WS view: soil erosion around pipe and pump.

LM Start	1.48	Rating **	M	Issue No.	1160 (cont)
LM End	1.48	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_5477.jpg



WS view: soil erosion and depression around pipe and pump.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>1.49</b>	Rating **	M	Issue No.	<b>995</b>
LM End	<b>1.49</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.040202 °	38.040202 °	
			-121.032659 °	-121.032659 °	
DWR ID	DWR_NA0017_15_s_2012_995				
Action/Comments					
Repair slope instability. Inspector Comments: The LMA was working on fixing the erosion site using an excavator during the inspection.					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_995\_20150911\_001119.jpg



View of erosion of waterward levee slope looking upstream.

LM Start	<b>1.64</b>	Rating **	M	Issue No.	<b>33</b>
LM End	<b>1.64</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR Erosion Survey		38.039940 °	38.039940 °	
			-121.035430 °	-121.035430 °	
DWR ID					
Action/Comments					
Inspector Comments: 8/12/2015: No significant change observed. 8/20/2014: No significant change observed. 9/12/2013: No significant change observed. 08/22/2012: The berm is estimated at 10 ft. Dense vegetation on site. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2015 Site ID:NA0017U16RM22.15]					

Photo 1 of 3 : SJR2015\_NA0017U16RM22.15\_1.jpg



Front view of the erosion.

LM Start	<b>1.64</b>	Rating **	M	Issue No.	<b>33 (cont)</b>
LM End	<b>1.64</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : SJR2015\_NA0017U16RM22.15\_2.jpg



Close view of the erosion.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>1.64</b>	Rating **	M	Issue No.	<b>33 (cont)</b>
LM End	<b>1.64</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.039940 °	38.039940 °
				-121.035430 °	-121.035430 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: 8/12/2015: No significant change observed. 8/20/2014: No significant change observed. 9/12/2013: No significant change observed. 08/22/2012: The berm is estimated at 10 ft. Dense vegetation on site. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2015 Site					

Photo 3 of 3 : SJR2015\_NA0017U16RM22.15\_4.jpg



Close view of the erosion.

LM Start	<b>1.78</b>	Rating **	U	Issue No.	<b>29</b>
LM End	<b>1.79</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.039110 °	38.039110 °
				-121.037840 °	-121.037840 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: 8/12/2015: No significant change observed. 8/20/2014: No significant change observed. 9/12/2013: No significant change observed. 08/22/2012: Site is covered with dense vegetation. A scarp erosion is adjacent to a pocket erosion at the downstream. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2015 Site ID:NA0017U16RM22.01]					

Photo 1 of 3 : SJR2015\_NA0017U16RM22.01\_1.jpg



Front view of the erosion site from the left river bank.

LM Start	<b>1.78</b>	Rating **	U	Issue No.	<b>29 (cont)</b>
LM End	<b>1.79</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : SJR2015\_NA0017U16RM22.01\_2.jpg



Front view of the pocket erosion.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>1.78</b>	Rating **	U	Issue No.	<b>29 (cont)</b>
LM End	<b>1.79</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.039110 °	38.039110 °
				-121.037840 °	-121.037840 °
DWR ID					
Action/Comments					
Inspector Comments: 8/12/2015: No significant change observed. 8/20/2014: No significant change observed. 9/12/2013: No significant change observed. 08/22/2012: Site is covered with dense vegetation. A scarp erosion is adjacent to a pocket erosion at the downstream. There is no levee structure on site. The levee crest width and levee height were not					

Photo 3 of 3 : SJR2015\_NA0017U16RM22.01\_4.jpg



Close view of the erosion.

LM Start	<b>1.86</b>	Rating **	M	Issue No.	<b>119</b>
LM End	<b>1.86</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.038472 °	38.038472 °
				-121.038966 °	-121.038966 °
DWR ID	DWR_NA0017_15_f_2015_119				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: The hole could possibly be for a survey marker.					

No Photos

LM Start	<b>1.92</b>	Rating **	M	Issue No.	<b>120</b>
LM End	<b>1.92</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.037919 °	38.037919 °
				-121.039749 °	-121.039749 °
DWR ID	DWR_NA0017_15_f_2015_120				
Action/Comments					
Repair slope instability. Inspector Comments: It was caused by runoff.					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_120\_20151009\_00138.jpg



A slope instability possible cause by runoff on the landside of the levee looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>1.98</b>	Rating **	M	Issue No.	<b>28</b>
LM End	<b>2.00</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.037150 °	38.037150 °
				-121.040580 °	-121.040580 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: 8/12/2015: No significant change observed. 8/20/2014: No significant change observed. 9/12/2013: No significant change observed. 08/22/2012: Berm width is estimated as 5 ft. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2015 Site ID:NA0017U16RM21.05]					

Photo 1 of 3 : SJR2015\_NA0017U16RM21.05\_1.jpg



Front view of the erosion

LM Start	<b>1.98</b>	Rating **	M	Issue No.	<b>28 (cont)</b>
LM End	<b>2.00</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : SJR2015\_NA0017U16RM21.05\_3.jpg



Close view of the erosion.

LM Start	<b>1.98</b>	Rating **	M	Issue No.	<b>28 (cont)</b>
LM End	<b>2.00</b>	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SJR2015\_NA0017U16RM21.05\_5.jpg



Close view of the erosion.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>1.98</b>	Rating **	M	Issue No.	<b>1161</b>
LM End	<b>1.98</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.037100 °	38.037100 °
				-121.040464 °	-121.040464 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:34883 DS_ID:23203 EP_NO: N/A FS_HLM: 2.022 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 2 : UCIP\_FA\_2015\_5452.jpg



LS view: distorted inlet pipe and debris inside the pipe.

LM Start	<b>1.98</b>	Rating **	M	Issue No.	<b>1161 (cont)</b>
LM End	<b>1.98</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP\_FA\_2015\_5453.jpg



WS view: outfall steel pipe with flap gate on levee slope.

LM Start	<b>2.02</b>	Rating **	A/W	Issue No.	<b>123</b>
LM End	<b>2.02</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.036724 °	38.036724 °
				-121.040795 °	-121.040795 °
DWR ID	DWR_NA0017_15_f_2015_123				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>2.05</b>	Rating **	M	Issue No.	<b>5</b>
LM End	<b>2.05</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.036299 °	38.036299 °	
			-121.041091 °	-121.041091 °	
DWR ID	DWR_NA0017_15_f_2012_5				
Action/Comments					
Pipe Inspector Comments: Open abandoned pipe on the waterside toe of the levee.					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_5\_20150911\_00003.jpg



View of an open abandoned pipe at the waterside toe of the levee looking upstream.

LM Start	<b>2.05</b>	Rating **	M	Issue No.	<b>18</b>
LM End	<b>2.05</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.036294 °	38.036294 °	
			-121.041089 °	-121.041089 °	
DWR ID	DWR_NA0017_15_s_2012_18				
Action/Comments					
Repair slope instability.					

Photo 1 of 2 : FA\_2015\_NA0017\_159\_18\_20150911\_00010.jpg



Updated picture of the slope instability at the waterside slope of the levee looking upstream.

LM Start	<b>2.05</b>	Rating **	M	Issue No.	<b>18 (cont)</b>
LM End	<b>2.05</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA\_2015\_NA0017\_159\_18\_20150911\_00011.jpg



Slope instability was found on the waterside toe of the levee looking downstream.

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

Levee Inspection Report By Mile - Fall 2015

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	2.05	Rating **	M	Issue No.	1162
LM End	2.05	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.036269 °	38.036269 °
				-121.041126 °	-121.041126 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40372 DS_ID:23204 EP_NO: N/A FS_HLM: 2.091 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 2 : UCIP\_FA\_2015\_5472.jpg



LS view: pipe, filter, and concrete standpipe off the levee.

LM Start	2.05	Rating **	M	Issue No.	1162 (cont)
LM End	2.05	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP\_FA\_2015\_5473.jpg



WS view: pipe, abandoned pump, and switch panel on waterside slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>2.36</b>	Rating **	M	Issue No.	<b>26</b>
LM End	<b>2.37</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.033072 °	38.033072 °
				-121.044970 °	-121.044970 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: 8/12/2015: No significant change observed. 8/20/2014: No significant change observed. 9/12/2013: No significant change observed. 08/22/2012: Site is covered with dense vegetation. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2015 Site ID:NA0017U16RM20.71]					

Photo 1 of 3 : SJR2015\_NA0017U16RM20.71\_1.jpg



Front view of the site.

LM Start	<b>2.36</b>	Rating **	M	Issue No.	<b>26 (cont)</b>
LM End	<b>2.37</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : SJR2015\_NA0017U16RM20.71\_2.jpg



Front view of the erosion. Site is covered with vegetation and trees.

LM Start	<b>2.36</b>	Rating **	M	Issue No.	<b>26 (cont)</b>
LM End	<b>2.37</b>	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SJR2015\_NA0017U16RM20.71\_4.jpg



Closer view of the erosion.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>2.37</b>	Rating **	M	Issue No.	<b>47</b>
LM End	<b>2.37</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.032922 °	38.032922 °	
			-121.045198 °	-121.045198 °	
DWR ID	DWR_NA0017_15_s_2012_47				
Action/Comments					
Agricultural tilling					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_47\_20150911\_00038.jpg



View of agriculture tilling on the landside slope of the levee looking downstream.

LM Start	<b>2.56</b>	Rating **	M	Issue No.	<b>159</b>
LM End	<b>2.56</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.030950 °	38.030950 °	
			-121.047557 °	-121.047557 °	
DWR ID	DWR_NA0017_15_f_2014_159				
Action/Comments					
Prunings					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_159\_20150911\_00093.jpg



Prunings were found on the landside toe of the levee looking upstream.

LM Start	<b>2.63</b>	Rating **	M	Issue No.	<b>27</b>
LM End	<b>2.63</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.030252 °	38.030252 °	
			-121.048311 °	-121.048311 °	
DWR ID	DWR_NA0017_15_s_2012_27				
Action/Comments					
Repair slope instability.					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_27\_20150911\_00019.jpg



Slope instability was found on the landside of the levee. The picture was taken from the crown looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>2.63</b>	Rating **	M	Issue No.	<b>66</b>
LM End	<b>2.66</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.030173 °	38.029949 °	
			-121.048432 °	-121.048732 °	
DWR ID	DWR_NA0017_15_s_2012_66				
Action/Comments					
Building Inspector Comments: Retaining wall at toe of slope & irrigation recently placed.					

Photo 1 of 2 : FA\_2015\_NA0017\_159\_66\_20150911\_00050.jpg



Updated view as of spring 2009. Landscaping and irrigation have been added at the toe of the levee.

LM Start	<b>2.63</b>	Rating **	M	Issue No.	<b>66 (cont)</b>
LM End	<b>2.66</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA\_2015\_NA0017\_159\_66\_20150911\_00051.jpg



Recently built retaining wall at toe of landside levee at LM 2.68.

LM Start	<b>2.69</b>	Rating **	M	Issue No.	<b>3</b>
LM End	<b>2.69</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.029655 °	38.029655 °	
			-121.049110 °	-121.049110 °	
DWR ID	DWR_NA0017_15_s_2012_3				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_3\_20150911\_00002.jpg



Landscaping was found on the landside of the levee looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>2.69</b>	Rating **	M	Issue No.	<b>959</b>
LM End	<b>2.70</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.029641 °	38.029505 °	
			-121.049165 °	-121.049372 °	
DWR ID	DWR_NA0017_15_s_2012_959				
Action/Comments					
Building Inspector Comments: Retaining wall at landside toe of levee.					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_959\_20150911\_00116.jpg



View of retaining wall and landscaping along the landward toe of the levee.

LM Start	<b>2.82</b>	Rating **	M	Issue No.	<b>127</b>
LM End	<b>2.82</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.028405 °	38.028405 °	
			-121.051062 °	-121.051062 °	
DWR ID	DWR_NA0017_15_f_2015_127				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_127\_20151009\_00139.jpg



Slope instability caused by vehicle on the waterside of the levee looking downstream.

LM Start	<b>2.83</b>	Rating **	M	Issue No.	<b>128</b>
LM End	<b>2.83</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.028356 °	38.028356 °	
			-121.051148 °	-121.051148 °	
DWR ID	DWR_NA0017_15_f_2015_128				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_128\_20151009\_00140.jpg



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

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>3.33</b>	Rating **	M	Issue No.	<b>15</b>
LM End	<b>3.33</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.023895 °	38.023895 °
				-121.058356 °	-121.058356 °
DWR ID	DWR_NA0017_15_s_2015_15				
Action/Comments					
Pipe					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_15\_20150911\_00008.jpg



View of a pump and a pipe on the waterside slope of the levee looking downstream.

LM Start	<b>3.33</b>	Rating **	M	Issue No.	<b>1163</b>
LM End	<b>3.33</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.023850 °	38.023850 °
				-121.058424 °	-121.058424 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40382 DS_ID:23206 EP_NO: 10498 FS_HLM: 3.401 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pump removed. Pipe appears abandoned and if so should be done so properly. Pipe capped with steel plate and bolted. FIELD_STRUCT_DESC: 8-inch steel pipe through the levee 2.0 feet below the crown. Pump on concrete platform on waterward slope with 2-inch electrical conduit through the levee. (App. No.10498 - John Eilers) FS Date: 04/09/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_5474.jpg



WS view: pipe capped with steel plate on levee slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>3.33</b>	Rating **	M	Issue No.	<b>1163 (cont)</b>
LM End	<b>3.33</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.023850 °	38.023850 °
				-121.058424 °	-121.058424 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40382 DS_ID:23206 EP_NO: 10498 FS_HLM: 3.401 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pump removed. Pipe appears abandoned and if so should be done so properly. Pipe capped with steel plate and bolted. FIELD_STRUCT_DESC: 8-inch steel pipe through the levee 2.0 feet below the crown. Pump on concrete platform on waterward slope with 2-inch electrical conduit through the levee. (App. No.10498 - John Eilers) FS Date: 04/09/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_5475.jpg



WS view: pump removed from steel pipe. Pipe capped with polythin sheet.

LM Start	<b>3.33</b>	Rating **	M	Issue No.	<b>1163 (cont)</b>
LM End	<b>3.33</b>	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_FA\_2015\_5476.jpg



WS view: air vent on levee slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>3.34</b>	Rating **	M	Issue No.	<b>12</b>
LM End	<b>3.34</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.023817 °	38.023817 °	
			-121.058465 °	-121.058465 °	
DWR ID	DWR_NA0017_15_s_2012_12				
Action/Comments					
Prunings Inspector Comments: Burn pile has been burned but new material has been placed.					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_12\_20150911\_00005.jpg



New material was placed at the toe of the landside of the levee. The picture was taken from the crown looking downstream.

LM Start	<b>3.34</b>	Rating **	M	Issue No.	<b>129</b>
LM End	<b>3.34</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.023804 °	38.023804 °	
			-121.058480 °	-121.058480 °	
DWR ID	DWR_NA0017_15_f_2015_129				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_129\_20151009\_00141.jpg



Erosion was found on the waterside shoulder of the levee looking downstream.

LM Start	<b>3.34</b>	Rating **	M	Issue No.	<b>130</b>
LM End	<b>3.34</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.023804 °	38.023804 °	
			-121.058480 °	-121.058480 °	
DWR ID	DWR_NA0017_15_f_2015_130				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>3.54</b>	Rating **	A/W	Issue No.	<b>14</b>
LM End	<b>3.54</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.021811 °	38.021811 °
				-121.061054 °	-121.061054 °
DWR ID	DWR_NA0017_15_s_2013_14				
Action/Comments					
Prunings Inspector Comments: The pit was repaired by the LMA but the prunings still exist. The burn pile is away from the levee prism.					

Photo 1 of 2 : FA\_2015\_NA0017\_159\_14\_20150911\_00006.jpg



Updated picture of the prunings on the landside toe of the levee during spring 2015 inspection.

LM Start	<b>3.54</b>	Rating **	A/W	Issue No.	<b>14 (cont)</b>
LM End	<b>3.54</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA\_2015\_NA0017\_159\_14\_20150911\_00007.jpg



Prunings were found on the landside toe of the levee looking downstream.

LM Start	<b>3.54</b>	Rating **	C	Issue No.	<b>134</b>
LM End	<b>3.54</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.021804 °	38.021804 °
				-121.061072 °	-121.061072 °
DWR ID	DWR_NA0017_15_s_2015_134				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>3.56</b>	Rating **	M	Issue No.	<b>54</b>
LM End	<b>3.56</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.021601 °	38.021601 °	
			-121.061284 °	-121.061284 °	
DWR ID	DWR_NA0017_15_s_2012_54				
Action/Comments					
Pipe Inspector Comments: A recently placed pipe in the waterward slope may be leaking and was not authorized.					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_54\_20150911\_00041.jpg



View of a recently placed pipe in the waterward slope looking downstream.

LM Start	<b>3.59</b>	Rating **	M	Issue No.	<b>1164</b>
LM End	<b>3.59</b>	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.021191 °	38.021191 °	
			-121.061733 °	-121.061733 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:42013 DS_ID:23307 EP_NO: N/A FS_HLM: 3.664 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Dense vegetation should be removed. FIELD_STRUCT_DESC: Sewer ponds on the landward side. FS Date: 04/09/2014					

No Photos

LM Start	<b>3.77</b>	Rating **	M	Issue No.	<b>208</b>
LM End	<b>3.77</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.019026 °	38.019026 °	
			-121.063479 °	-121.063479 °	
DWR ID	DWR_NA0017_15_s_2015_208				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_208\_20150911\_00113.jpg



A rodent hole was found on the waterside of the levee. The picture was taken from the opposite side of the levee.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>3.82</b>	Rating **	C	Issue No.	<b>22</b>
LM End	<b>3.83</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR Erosion Survey		38.018600 °	38.018600 °	
			-121.064390 °	-121.064390 °	
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: 8/12/2015: No significant change observed. 8/20/2014: No significant change observed. 9/12/2013: This site was repaired prior to this survey. 08/22/2012: The erosion is covered with grass and shrubs. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2015 Site ID:NA0017U16RM19.23]					

No Photos

LM Start	<b>3.87</b>	Rating **	M	Issue No.	<b>17</b>
LM End	<b>3.89</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR Erosion Survey		38.018100 °	38.018100 °	
			-121.065170 °	-121.065170 °	
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: 8/12/2015: No significant change observed. 8/20/2014: No significant change observed. 9/12/2013: No significant change observed. 08/22/2012: River-induced erosion occurred on the berm, while the runoff-induced erosion occurred on the levee slope. Site is covered with vegetation. There is no levee structure on site. The levee crest width					

Photo 1 of 3 : SJR2015\_NA0017U16RM19.18\_1.jpg



View of the site from right river bank.

Photo 2 of 3 : SJR2015\_NA0017U16RM19.18\_2.jpg



Closer view of the erosion.

LM Start	<b>3.87</b>	Rating **	M	Issue No.	<b>17 (cont)</b>
LM End	<b>3.89</b>	Issue Type +	Ma	Location *	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**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>3.87</b>	Rating **	M	Issue No.	<b>17 (cont)</b>
LM End	<b>3.89</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.018100 °	38.018100 °
				-121.065170 °	-121.065170 °
DWR ID					
Action/Comments					
Inspector Comments: 8/12/2015: No significant change observed. 8/20/2014: No significant change observed. 9/12/2013: No significant change observed. 08/22/2012: River-induced erosion occurred on the berm, while the runoff-induced erosion occurred on the levee slope. Site is covered with vegetation. There is no levee structure on site. The levee crest width					

Photo 3 of 3 : SJR2015\_NA0017U16RM19.18\_4.jpg



Closer view of the erosion.

LM Start	<b>3.89</b>	Rating **	M	Issue No.	<b>44</b>
LM End	<b>3.89</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.017945 °	38.017945 °
				-121.065295 °	-121.065295 °
DWR ID	DWR_NA0017_15_f_2012_44				
Action/Comments					
Repair slope instability.					

Photo 1 of 2 : FA\_2015\_NA0017\_159\_44\_20150911\_00032.jpg



Updated picture of the slope instability on the waterside slope of the levee looking upstream. This picture was taken during fall 2014 inspection.

LM Start	<b>3.89</b>	Rating **	M	Issue No.	<b>44 (cont)</b>
LM End	<b>3.89</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA\_2015\_NA0017\_159\_44\_20150911\_00033.jpg



View of the slope instability on the waterside slope of the levee looking downstream during spring 2014 inspection.

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



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>4.20</b>	Rating **	M	Issue No.	<b>19</b>
LM End	<b>4.20</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.014025 °	38.014025 °
				-121.067983 °	-121.067983 °
DWR ID	DWR_NA0017_15_s_2012_19				
Action/Comments					
Prunings Inspector Comments: Burn pile has been burned but new material has been placed.					

Photo 1 of 2 : FA\_2015\_NA0017\_159\_19\_20150911\_00012.jpg



Updated picture of the prunings pile on the landside of the levee looking downstream during fall 2013 inspection.

LM Start	<b>4.20</b>	Rating **	M	Issue No.	<b>19 (cont)</b>
LM End	<b>4.20</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA\_2015\_NA0017\_159\_19\_20150911\_00013.jpg



Example of a prunings pile immediately adjacent to access road. Evidence of habitual burnings at this site.

LM Start	<b>4.28</b>	Rating **	U	Issue No.	<b>124</b>
LM End	<b>4.28</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.012910 °	38.012910 °
				-121.067996 °	-121.067996 °
DWR ID	DWR_NA0017_15_s_2013_124				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Picture was taken from the other side of the levee.					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_124\_20150911\_00080.jpg



An animal hole was found on the waterside slope of the levee. The picture was taken from the opposite side of the levee.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>4.31</b>	Rating **	M	Issue No.	<b>209</b>
LM End	<b>4.31</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.012474 °	38.012474 °
				-121.068144 °	-121.068144 °
DWR ID	DWR_NA0017_15_s_2015_209				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: It was started from rodent holes.					

Photo 1 of 2 : FA\_2015\_NA0017\_159\_209\_20151009\_00143.jpg



View of the erosion caused by an animal hole on the waterside shoulder of the levee looking downstream.

LM Start	<b>4.31</b>	Rating **	M	Issue No.	<b>209 (cont)</b>
LM End	<b>4.31</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA\_2015\_NA0017\_159\_209\_20150911\_00114.jpg



A large rodent hole was found on the waterside of the levee. The picture was taken across the levee.

LM Start	<b>4.51</b>	Rating **	M	Issue No.	<b>133</b>
LM End	<b>4.51</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.009753 °	38.009753 °
				-121.069559 °	-121.069559 °
DWR ID	DWR_NA0017_15_f_2015_133				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_133\_20151009\_00144.jpg



Erosion was found on the waterside shoulder of the levee looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>4.63</b>	Rating **	M	Issue No.	<b>96</b>
LM End	<b>4.63</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.008053 °	38.008053 °
				-121.070141 °	-121.070141 °
DWR ID	DWR_NA0017_15_s_2012_96				
Action/Comments					
Note and monitor erosion site. Inspector Comments: LMA has fixed the issue but the riprap has rebar which would can be dangerous during the flood fighting efforts.					

Photo 1 of 3 : FA\_2015\_NA0017\_159\_96\_20150911\_00064.jpg



Updated picture of the slope instability on the waterside slope of the levee looking downstream during spring 2013 inspection.

LM Start	<b>4.63</b>	Rating **	M	Issue No.	<b>96 (cont)</b>
LM End	<b>4.63</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : FA\_2015\_NA0017\_159\_96\_20150911\_00065.jpg



The LMA has fixed the erosion on the landside slope of the levee but the riprap contains exposed rebar which could be dangerous during a flood fight.

LM Start	<b>4.63</b>	Rating **	M	Issue No.	<b>96 (cont)</b>
LM End	<b>4.63</b>	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : FA\_2015\_NA0017\_159\_96\_20150911\_00066.jpg



Erosion was found on the waterside slope of the levee looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>4.85</b>	Rating **	M	Issue No.	<b>20</b>
LM End	<b>4.85</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.005302 °	38.005302 °	
			-121.071867 °	-121.071867 °	
DWR ID	DWR_NA0017_15_s_2012_20				
Action/Comments					
Equipment					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_20\_20150911\_00014.jpg



View of equipment along the landward slope looking downstream.

LM Start	<b>4.85</b>	Rating **	M	Issue No.	<b>21</b>
LM End	<b>4.85</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.005300 °	38.005300 °	
			-121.071863 °	-121.071863 °	
DWR ID	DWR_NA0017_15_s_2012_21				
Action/Comments					
Equipment					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_21\_20150911\_00015.jpg



View of equipment along the waterward side of the levee crown looking downstream.

LM Start	<b>4.87</b>	Rating **	M	Issue No.	<b>74</b>
LM End	<b>4.87</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.005040 °	38.005040 °	
			-121.071886 °	-121.071886 °	
DWR ID	DWR_NA0017_15_s_2012_74				
Action/Comments					
Prunings Inspector Comments: Burn pile has been burned but new material has been placed.					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_74\_20150911\_00055.jpg



View of prunings pile along the waterward side of the crown looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>4.98</b>	Rating **	U	Issue No.	<b>11</b>
LM End	<b>4.98</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.003730 °	38.003730 °
				-121.073080 °	-121.073080 °
DWR ID					
Action/Comments					
Inspector Comments: 8/12/2015: No significant change observed. 8/20/2014: No significant change observed. 9/12/2013: Site has been surveyed and the pocket erosion has developed toward levee crest. 08/22/2012: A pocket erosion at the levee toe and on lower slope. The levee surface at the upper slope also shows signs of erosion due to poor maintenance. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2015 Site ID:NA0017U16RM17.99]					

Photo 1 of 2 : SJR2015\_NA0017U16RM17.99\_1.jpg



View from right river bank.

LM Start	<b>4.98</b>	Rating **	U	Issue No.	<b>11 (cont)</b>
LM End	<b>4.98</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SJR2015\_NA0017U16RM17.99\_4.jpg



A close view of the erosion.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>5.03</b>	Rating **	M	Issue No.	<b>171</b>
LM End	<b>5.03</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.003105 °	38.003105 °
				-121.073585 °	-121.073585 °
DWR ID	DWR_NA0017_15_f_2014_171				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Bank Caving.					

Photo 1 of 2 : FA\_2015\_NA0017\_159\_171\_20151009\_00145.jpg



Updated picture of the slope instability on the waterside of the levee looking upstream during fall 2015 inspection.

LM Start	<b>5.03</b>	Rating **	M	Issue No.	<b>171 (cont)</b>
LM End	<b>5.03</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA\_2015\_NA0017\_159\_171\_20150911\_00096.jpg



Picture of the slope instability on the waterside of the levee looking downstream during spring 2015 inspection.

LM Start	<b>5.04</b>	Rating **	M	Issue No.	<b>1009</b>
LM End	<b>5.04</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.003021 °	38.003021 °
				-121.073658 °	-121.073658 °
DWR ID	DWR_NA0017_15_s_2012_1009				
Action/Comments					
Repair slope instability.					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_1009\_20150911\_00120.jpg



View of a slip in the waterward levee slope looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>5.06</b>	Rating **	C	Issue No.	<b>143</b>
LM End	<b>5.06</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.002715 °	38.002715 °
				-121.073960 °	-121.073960 °
DWR ID	DWR_NA0017_15_s_2015_143				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	<b>5.16</b>	Rating **	A/W	Issue No.	<b>142</b>
LM End	<b>10.94</b>	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.001608 °	37.961947 °
				-121.074935 °	-121.159963 °
DWR ID	DWR_NA0017_15_s_2012_142				
Action/Comments					
Material Inspector Comments: This portion of the unit contains a non-project levee. Accordingly, the only issues rated along this stretch affect access and the ability to inspect the channel. Other issues found have been rated "A/W."					

No Photos

LM Start	<b>5.27</b>	Rating **	M	Issue No.	<b>111</b>
LM End	<b>5.27</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.000297 °	38.000297 °
				-121.076113 °	-121.076113 °
DWR ID	DWR_NA0017_15_s_2012_111				
Action/Comments					
Equipment					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_111\_20150911\_00074.jpg



Equipment was found on the waterside of the levee looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>5.27</b>	Rating **	M	Issue No.	<b>24</b>
LM End	<b>5.33</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.000308 °	37.999502 °	
			-121.076133 °	-121.076835 °	
DWR ID	DWR_NA0017_15_s_2012_24				
Action/Comments					
Building					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_24\_20150911\_00016.jpg



Building located immediately adjacent to access road approximately from LM 5.38 to 5.45

LM Start	<b>5.32</b>	Rating **	M	Issue No.	<b>1012</b>
LM End	<b>5.32</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.999718 °	37.999718 °	
			-121.076665 °	-121.076665 °	
DWR ID	DWR_NA0017_15_s_2012_1012				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_1012\_20150911\_00121.jpg



View of landscaping planted along the waterward side of the access road impacting visibility and the ability to floodfight looking downstream.

LM Start	<b>5.49</b>	Rating **	M	Issue No.	<b>1014</b>
LM End	<b>5.54</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.997619 °	37.997043 °	
			-121.078405 °	-121.078972 °	
DWR ID	DWR_NA0017_15_s_2012_1014				
Action/Comments					
Material Inspector Comments: Walnut piles on waterward shoulder.					

Photo 1 of 2 : FA\_2015\_NA0017\_159\_1014\_20150911\_00122.jpg



In addition to the walnut piles, there were rocks and debris were found at the landside shoulder of the levee looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>5.49</b>	Rating **	M	Issue No.	<b>1014 (cont)</b>
LM End	<b>5.54</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.997619 °	37.997043 °	
			-121.078405 °	-121.078972 °	
DWR ID	DWR_NA0017_15_s_2012_1014				
Action/Comments					
Material Inspector Comments: Walnut piles on waterward shoulder.					

Photo 2 of 2 : FA\_2015\_NA0017\_159\_1014\_20150911\_00123.jpg



View of discarded nut shells placed along the waterward slope to be burned looking downstream.

LM Start	<b>5.63</b>	Rating **	M	Issue No.	<b>64</b>
LM End	<b>5.63</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		37.996022 °	37.996022 °	
			-121.079919 °	-121.079919 °	
DWR ID	DWR_NA0017_15_s_2014_64				
Action/Comments					
Repair slope instability.					

No Photos

LM Start	<b>5.65</b>	Rating **	M	Issue No.	<b>25</b>
LM End	<b>5.74</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.995733 °	37.994670 °	
			-121.080102 °	-121.081207 °	
DWR ID	DWR_NA0017_15_s_2012_25				
Action/Comments					
Debris					

Photo 1 of 2 : FA\_2015\_NA0017\_159\_25\_20150911\_00017.jpg



Broken concrete pipes and other debris were found on the waterside of the levee. The picture was taken from the crown looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>5.65</b>	Rating **	M	Issue No.	<b>25 (cont)</b>
LM End	<b>5.74</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.995733 °	37.994670 °	
			-121.080102 °	-121.081207 °	
DWR ID	DWR_NA0017_15_s_2012_25				
Action/Comments					
Debris					

Photo 2 of 2 : FA\_2015\_NA0017\_159\_25\_20150911\_00018.jpg



Debris were still on the waterside of the levee looking downstream. This picture was taken during Spring 2012 inspection.

LM Start	<b>5.66</b>	Rating **	M	Issue No.	<b>70</b>
LM End	<b>5.66</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.995700 °	37.995700 °	
			-121.080226 °	-121.080226 °	
DWR ID	DWR_NA0017_15_s_2014_70				
Action/Comments					
Prunings					

No Photos

LM Start	<b>5.66</b>	Rating **	C	Issue No.	<b>30</b>
LM End	<b>5.66</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.995679 °	37.995679 °	
			-121.080267 °	-121.080267 °	
DWR ID	DWR_NA0017_15_s_2013_30				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>5.84</b>	Rating **	M	Issue No.	<b>84</b>
LM End	<b>5.93</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.993554 °	37.992476 °	
			-121.082192 °	-121.083241 °	
DWR ID	DWR_NA0017_15_s_2012_84				
Action/Comments					
Material					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_84\_20150911\_00061.jpg



Materials were found on the waterside slope of the levee looking downstream.

LM Start	<b>5.86</b>	Rating **	M	Issue No.	<b>1165</b>
LM End	<b>5.86</b>	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.993295 °	37.993295 °	
			-121.082498 °	-121.082498 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:34925 DS_ID:24852 EP_NO: N/A FS_HLM: 5.984 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Field discovered crossing. Only visible on waterside. Air vent was leaking during field visit. FIELD_STRUCT_DESC: 10-inch steel pipe and electric conduit through the levee, 2.5 ft. below the crown. Pump on concrete pad on waterside shoulder. U type concrete headwall on levee shoulder. Gate valve, air vent, and flow meter on waterside. Power switch panel on landside shoulder. FS Date: 04/10/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_5610.jpg



LS view: power pole and switch panel on landside.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>5.86</b>	Rating **	M	Issue No.	<b>1166 (cont)</b>
LM End	<b>5.86</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.993289 °	37.993289 °
				-121.082503 °	-121.082503 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41630 DS_ID:23298 EP_NO: 12308 FS_HLM: 5.984 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Looks abandoned and if so should be done so properly. FIELD_STRUCT_DESC: 12-inch-diameter pipeline 2.5 feet below the roadway. Pump diversion structure and well on slough bank and in channel. (Permit No. 12308-1978) (combination pipe diversion and well discharge) Power pole on landside. Pump connected to new pipe. FS Date: 04/10/2014					

Photo 2 of 2 : UCIP\_FA\_2015\_5613.jpg



WS view: pipe (left), headwall, and appurtenances on concrete pad on levee slope.

LM Start	<b>6.00</b>	Rating **	C	Issue No.	<b>41</b>
LM End	<b>6.00</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.991648 °	37.991648 °
				-121.083924 °	-121.083924 °
DWR ID	DWR_NA0017_15_s_2013_41				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>6.17</b>	Rating **	C	Issue No.	<b>75</b>
LM End	<b>6.17</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.989630 °	37.989630 °
				-121.085754 °	-121.085754 °
DWR ID	DWR_NA0017_15_s_2014_75				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	<b>6.42</b>	Rating **	M	Issue No.	<b>1167</b>
LM End	<b>6.42</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.986776 °	37.986776 °
				-121.088137 °	-121.088137 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41626 DS_ID:23218 EP_NO: N/A FS_HLM: 6.54 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Looks abandoned. Pipe found under the bridge and visible on both sides of the channel. FIELD_STRUCT_DESC: Abandoned 16-inch concrete siphon through the levee 4.0 feet below the crown and under the channel. O&M Manual SJR Assumed 999. FS Date: 04/10/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_5614.jpg



WS view: closer view of concrete pipe on channel bank.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>6.42</b>	Rating **	M	Issue No.	<b>1167 (cont)</b>
LM End	<b>6.42</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.986776 °	37.986776 °
				-121.088137 °	-121.088137 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41626 DS_ID:23218 EP_NO: N/A FS_HLM: 6.54 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Looks abandoned. Pipe found under the bridge and visible on both sides of the channel. FIELD_STRUCT_DESC: Abandoned 16-inch concrete siphon through the levee 4.0 feet below the crown and under the channel. O&M Manual SJR Assumed 999. FS Date: 04/10/2014					

Photo 2 of 2 : UCIP\_FA\_2015\_5615.jpg



WS view: concrete pipe on channel bank.

LM Start	<b>6.46</b>	Rating **	M	Issue No.	<b>98</b>
LM End	<b>6.46</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.986225 °	37.986225 °
				-121.088704 °	-121.088704 °
DWR ID	DWR_NA0017_15_f_2012_98				
Action/Comments					
Prunings					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_98\_20150911\_00067.jpg



Prunings were found on the landside of the levee looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>6.59</b>	Rating **	M	Issue No.	<b>82</b>
LM End	<b>6.59</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.984696 °	37.984696 °
				-121.090054 °	-121.090054 °
DWR ID	DWR_NA0017_15_s_2014_82				
Action/Comments					
Pipe					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_82\_20150911\_00059.jpg



An abandoned pipe was found on the waterside slope of the levee looking downstream.

LM Start	<b>6.59</b>	Rating **	M	Issue No.	<b>1168</b>
LM End	<b>6.59</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.984667 °	37.984667 °
				-121.090067 °	-121.090067 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40384 DS_ID:23219 EP_NO: N/A FS_HLM: 6.729 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No pipe found. An alfalfa valve on waterside shoulder. Needs more info from the LMA or DWR Inspector. Concrete standpipe and power pole on waterside. A concrete standpipe off the levee on landside. FIELD_STRUCT_DESC: 12-inch concrete pipe through the levee 5.0 feet below the crown. 24-inch concrete standpipe on the waterward side. Power pole on berm. Pump mounted on wooden platform in channel. O&M Manual SJR Assumed 999. FS Date: 04/10/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_4092.jpg



LS view: a concrete standpipe off the levee toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	6.59	Rating **	M	Issue No.	1168 (cont)
LM End	6.59	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.984667 °	37.984667 °
				-121.090067 °	-121.090067 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40384 DS_ID:23219 EP_NO: N/A FS_HLM: 6.729 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No pipe found. An alfalfa valve on waterside shoulder. Needs more info from the LMA or DWR Inspector. Concrete standpipe and power pole on waterside. A concrete standpipe off the levee on landside. FIELD_STRUCT_DESC: 12-inch concrete pipe through the levee 5.0 feet below the crown. 24-inch concrete standpipe on the waterward side. Power pole on berm. Pump mounted on wooden platform in channel. O&M Manual SJR Assumed 999. FS Date: 04/10/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_4093.jpg



WS view: a steel pipe and alfalfa valve also found on levee berm.

LM Start	6.59	Rating **	M	Issue No.	1168 (cont)
LM End	6.59	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_FA\_2015\_4094.jpg



WS view: concrete standpipe and switch panel on levee berm.

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



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>6.79</b>	Rating **	M	Issue No.	<b>149</b>
LM End	<b>6.79</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.982781 °	37.982781 °
				-121.092839 °	-121.092839 °
DWR ID	DWR_NA0017_15_s_2015_149				
Action/Comments					
Prunings					

No Photos

LM Start	<b>6.94</b>	Rating **	M	Issue No.	<b>51</b>
LM End	<b>6.94</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.981517 °	37.981517 °
				-121.095061 °	-121.095061 °
DWR ID	DWR_NA0017_15_s_2013_51				
Action/Comments					
Ditch					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_51\_20150911\_00039.jpg



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

LM Start	<b>6.96</b>	Rating **	M	Issue No.	<b>115</b>
LM End	<b>7.20</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.981387 °	37.979749 °
				-121.095370 °	-121.099178 °
DWR ID	DWR_NA0017_15_s_2014_115				
Action/Comments					
Trim trees to at least five feet above ground level.					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_115\_20150911\_00076.jpg



Tree limbs were obstructing the visibility of the crown of the levee looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>6.98</b>	Rating **	M	Issue No.	<b>1169</b>
LM End	<b>6.98</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.981279 °	37.981279 °
				-121.095735 °	-121.095735 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41732 DS_ID:23222 EP_NO: N/A FS_HLM: 7.128 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 4-inch pvc pipe sleeved through 8-inch steel pipe. Levee surface erosion on waterside. Annular space does not appear to be grouted. FIELD_STRUCT_DESC: A 4-inch pvc pipe sleeved through 8-inch steel pipe through the levee 3.0 feet below the crown. Pump on the waterside. Pole and switch panel on the waterside berm. O&M Manual SJR Assumed 999. FS Date: 04/10/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_4095.jpg



LS view: no pipe and appurtenances found.

LM Start	<b>6.98</b>	Rating **	M	Issue No.	<b>1169 (cont)</b>
LM End	<b>6.98</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_4096.jpg



WS view: a 4-inch pvc pipe sleeved through steel pipe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>6.98</b>	Rating **	M	Issue No.	<b>1169 (cont)</b>
LM End	<b>6.98</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.981279 °	37.981279 °
				-121.095735 °	-121.095735 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41732 DS_ID:23222 EP_NO: N/A FS_HLM: 7.128 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_4097.jpg



WS view: steel pipe and filter on levee slope. Surface erosion on levee slope.

LM Start	<b>6.99</b>	Rating **	M	Issue No.	<b>1170</b>
LM End	<b>6.99</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.981222 °	37.981222 °
				-121.095881 °	-121.095881 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40385 DS_ID:23452 EP_NO: N/A FS_HLM: 7.137 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned and if so should be done so properly. Only a concrete riser with 12-inch pipe on levee shoulder. FIELD_STRUCT_DESC: A 12-inch concrete pipe through the levee 1.5 feet below the crown. 36-inch concrete standpipe on the landward side. O&M Manual SJR Assumed 999. FS Date: 04/10/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_3506.jpg



WS view: a concrete riser on old levee slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>6.99</b>	Rating **	M	Issue No.	<b>1170 (cont)</b>
LM End	<b>6.99</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.981222 °	37.981222 °
				-121.095881 °	-121.095881 °
DWR ID					

**Action/Comments**  
 Inspector Comments: FS\_ID:40385  
 DS\_ID:23452  
 EP\_NO: N/A  
 FS\_HLM: 7.137  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: Appears abandoned and if so should be done so properly. Only a concrete riser with 12-inch pipe on levee shoulder.  
 FIELD\_STRUCT\_DESC: A 12-inch concrete pipe through the levee 1.5 feet below the crown. 36-inch concrete standpipe on the landward side.  
 O&M Manual SJR Assumed 999.  
 FS Date: 04/10/2014

LM Start	<b>6.99</b>	Rating **	M	Issue No.	<b>1170 (cont)</b>
LM End	<b>6.99</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_3507.jpg



WS view: no pipe or appurtenances found on levee slope.

Photo 3 of 3 : UCIP\_FA\_2015\_4098.jpg



WS view: inside view of concrete riser.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>7.21</b>	Rating **	M	Issue No.	<b>102</b>
LM End	<b>7.21</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.979612 °	37.979612 °
				-121.099390 °	-121.099390 °
DWR ID	DWR_NA0017_15_s_2012_102				
Action/Comments					
Debris					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_102\_20150911\_00068.jpg



Debris was found on the waterside slope of the levee looking downstream.

LM Start	<b>7.22</b>	Rating **	M	Issue No.	<b>1171</b>
LM End	<b>7.22</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.979557 °	37.979557 °
				-121.099507 °	-121.099507 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:34948 DS_ID:23223 EP_NO: 11662 FS_HLM: 7.372 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Looks abandoned. May need proper abandonment.Flowmeter on landside pipe. FIELD_STRUCT_DESC: 8-inch steel pipe through the levee 4.0 feet below the crown. 30-inch concrete standpipe on the waterward shoulder. Pump mounted on concrete platform on waterward slope. (App. No. 11662-1977 - Dondero) O&M Manual SJR Assumed 999. FS Date: 04/10/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_3508.jpg



LS view: power pole and concrete standpipe on levee slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	7.52	Rating **	M	Issue No.	1172 (cont)
LM End	7.52	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.977467 °	37.977467 °
				-121.104255 °	-121.104255 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:42010 DS_ID:23225 EP_NO: N/A FS_HLM: 7.683 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: May need proper abandonment. FIELD_STRUCT_DESC: Abandoned 10-inch concrete pipe 4.0 feet below the roadway. 8-inch pipe into 30-inch concrete standpipe on the waterward shoulder. Power pole on the waterward side. O&M Manual SJR Assumed 999. FS Date: 04/10/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_5690.jpg



WS view: inside view of concrete standpipe on levee shoulder.

LM Start	7.52	Rating **	M	Issue No.	1172 (cont)
LM End	7.52	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_FA\_2015\_5691.jpg



WS view: concrete standpipe and power pole (disconnected) on levee shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>7.82</b>	Rating **	A/W	Issue No.	<b>144</b>
LM End	<b>7.82</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.974829 °	37.974829 °	
			-121.108405 °	-121.108405 °	
DWR ID	DWR_NA0017_15_s_2012_144				
Action/Comments					
Equipment					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_144\_20150911\_00088.jpg



Equipment was left by the farmers on the landside of the levee. The picture was taken from crown looking toward the landside of the levee.

LM Start	<b>7.82</b>	Rating **	M	Issue No.	<b>1173</b>
LM End	<b>7.82</b>	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.974827 °	37.974827 °	
			-121.108515 °	-121.108515 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41627 DS_ID:23226 EP_NO: 4311 FS_HLM: 7.987 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Looks abandoned and if so should be done so properly. No pipe or appurtenances found on landside. FIELD_STRUCT_DESC: Abandoned 10-inch concrete pipe 3.0 feet below the roadway. 8-inch steel intake pipe to pump and 30-inch concrete standpipe. Pump mounted on concrete foundation on the waterward slope. Overhead power line crossing. Pole and switch panel on water, and side. (App. No. 4311 - Joseph Caffese, Jr.) O&M Manual SJR Assumed 999. FS Date: 04/10/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_5692.jpg



LS view: no pipe or appurtenances found.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>7.89</b>	Rating **	M	Issue No.	<b>104</b>
LM End	<b>7.89</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.974304 °	37.974304 °	
			-121.109625 °	-121.109625 °	
DWR ID	DWR_NA0017_15_s_2012_104				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 1 of 2 : FA\_2015\_NA0017\_159\_104\_20150911\_00069.jpg



Updated picture of the Arundo on the waterside slope of the levee looking downstream.

LM Start	<b>7.89</b>	Rating **	M	Issue No.	<b>104 (cont)</b>
LM End	<b>7.89</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA\_2015\_NA0017\_159\_104\_20150911\_00070.jpg



View of arrundo on the waterward shoulder and slope blocking visibility looking downstream.

LM Start	<b>8.07</b>	Rating **	M	Issue No.	<b>34</b>
LM End	<b>8.07</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.972823 °	37.972823 °	
			-121.112400 °	-121.112400 °	
DWR ID	DWR_NA0017_15_s_2012_34				
Action/Comments					
Prunings					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_34\_20150911\_00025.jpg



Prunings were found on the landside of the levee looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>8.11</b>	Rating **	C	Issue No.	<b>122</b>
LM End	<b>8.11</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.972590 °	37.972590 °
				-121.112938 °	-121.112938 °
DWR ID	DWR_NA0017_15_s_2014_122				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	<b>8.32</b>	Rating **	C	Issue No.	<b>62</b>
LM End	<b>8.32</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.970147 °	37.970147 °
				-121.114849 °	-121.114849 °
DWR ID	DWR_NA0017_15_s_2013_62				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	<b>8.39</b>	Rating **	M	Issue No.	<b>146</b>
LM End	<b>8.39</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.969822 °	37.969822 °
				-121.116057 °	-121.116057 °
DWR ID	DWR_NA0017_15_f_2015_146				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_146\_20151019\_00148.jpg



Erosion was found on the waterside of the levee looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>8.40</b>	Rating **	M	Issue No.	<b>63</b>
LM End	<b>8.40</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.969813 °	37.969813 °	
			-121.116192 °	-121.116192 °	
DWR ID	DWR_NA0017_15_s_2013_63				
Action/Comments					
Prunings					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_63\_20150911\_00046.jpg



Prunings were found on the landside of the levee looking downstream.

LM Start	<b>8.43</b>	Rating **	U	Issue No.	<b>65</b>
LM End	<b>8.43</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		37.969748 °	37.969748 °	
			-121.116767 °	-121.116767 °	
DWR ID	DWR_NA0017_15_s_2013_65				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 2 : FA\_2015\_NA0017\_159\_65\_20151019\_00149.jpg



Updated picture of the slope instability on the waterside of the levee looking upstream during fall 2015 inspection.

LM Start	<b>8.43</b>	Rating **	U	Issue No.	<b>65 (cont)</b>
LM End	<b>8.43</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA\_2015\_NA0017\_159\_65\_20150911\_00048.jpg



View of the slope instability on the waterside of the levee looking downstream during spring 2014 inspection.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>8.43</b>	Rating **	M	Issue No.	<b>6</b>
LM End	<b>8.43</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.969711 °	37.969711 °
				-121.116739 °	-121.116739 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: 8/12/2015: No significant change observed. More vegetation is observed at the site. 8/20/2014: No significant change observed. 09/12/2013: The erosion has been caused by runoff. [2015 Site ID:NA0017U15RM14.49]					

Photo 1 of 3 : SJR2015\_NA0017U15RM14.49\_1.JPG



Looking down at the erosion from the levee crest.

LM Start	<b>8.43</b>	Rating **	M	Issue No.	<b>6 (cont)</b>
LM End	<b>8.43</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : SJR2015\_NA0017U15RM14.49\_3.JPG



Close view of the erosion.

LM Start	<b>8.43</b>	Rating **	M	Issue No.	<b>6 (cont)</b>
LM End	<b>8.43</b>	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SJR2015\_NA0017U15RM14.49\_4.JPG



Close view of the erosion.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>8.46</b>	Rating **	M	Issue No.	<b>1174</b>
LM End	<b>8.46</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.969690 °	37.969690 °
				-121.117404 °	-121.117404 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40386 DS_ID:23227 EP_NO: N/A FS_HLM: 8.644 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_5634.jpg



LS view: closer view of distorted CM outlet pipe on levee slope.

LM Start	<b>8.46</b>	Rating **	M	Issue No.	<b>1174 (cont)</b>
LM End	<b>8.46</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_5635.jpg



LS view: distorted CM outlet pipe on levee slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>8.46</b>	Rating **	M	Issue No.	<b>1174 (cont)</b>
LM End	<b>8.46</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.969690 °	37.969690 °
				-121.117404 °	-121.117404 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40386 DS_ID:23227 EP_NO: N/A FS_HLM: 8.644 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_5636.jpg



WS view: no pipe or appurtenances found on waterside. Dense vegetation.

LM Start	<b>8.48</b>	Rating **	M	Issue No.	<b>982</b>
LM End	<b>8.48</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.969611 °	37.969611 °
				-121.117650 °	-121.117650 °
DWR ID	DWR_NA0017_15_s_2012_982				
Action/Comments					
Prunings Inspector Comments: Burn pile has been burned but new material has been placed.					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_982\_20150911\_00117.jpg



Prunings were found on the waterside slope of the levee looking upstream.

LM Start	<b>8.49</b>	Rating **	A/W	Issue No.	<b>37</b>
LM End	<b>8.51</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.969550 °	37.969391 °
				-121.117927 °	-121.118277 °
DWR ID	DWR_NA0017_15_s_2012_37				
Action/Comments					
Equipment					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_37\_20150911\_00026.jpg



Remove equipment from landside slope of levee.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>8.54</b>	Rating **	M	Issue No.	<b>83</b>
LM End	<b>8.54</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.969305 °	37.969305 °	
			-121.118664 °	-121.118664 °	
DWR ID	DWR_NA0017_15_s_2012_83				
Action/Comments					
Building					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_83\_20150911\_00060.jpg



Building, fence and landscaping immediately adjacent to the access road at LM 8.72.

LM Start	<b>8.61</b>	Rating **	A/W	Issue No.	<b>38</b>
LM End	<b>8.61</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.969133 °	37.969133 °	
			-121.119957 °	-121.119957 °	
DWR ID	DWR_NA0017_15_s_2012_38				
Action/Comments					
Equipment					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>8.69</b>	Rating **	M	Issue No.	<b>1175</b>
LM End	<b>8.69</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.968500 °	37.968500 °
				-121.121130 °	-121.121130 °
DWR ID					

**Action/Comments**

Inspector Comments: FS\_ID:40387  
 DS\_ID:23229  
 EP\_NO: N/A  
 FS\_HLM: 8.868  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: Distorted pipe opening on landside. Inlet pipe needs clearing and cleaning.No pipe visible on waterside.  
 FIELD\_STRUCT\_DESC: 18-inch CM pipe and electric conduit through the levee 1.0 feet below the crown. Power pole on landside. Electric conduit through the levee. Outlet of pipe rock revetted. O&M Manual SJR Assumed 999.  
 FS Date: 04/10/2014

LM Start	<b>8.69</b>	Rating **	M	Issue No.	<b>1175 (cont)</b>
LM End	<b>8.69</b>	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP\_FA\_2015\_5305.jpg



LS view: distorted CM inlet pipe. Partially buried.

Photo 2 of 2 : UCIP\_FA\_2015\_5306.jpg



WS view: no pipe or appurtenances found. Steep levee slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>8.72</b>	Rating **	M	Issue No.	<b>1176</b>
LM End	<b>8.72</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.968582 °	37.968582 °
				-121.121805 °	-121.121805 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:41789 DS_ID:23228 EP_NO: 12607 FS_HLM: 8.907 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 2 : UCIP\_FA\_2015\_5307.jpg



LS view: only power pole and switch panel found.

LM Start	<b>8.72</b>	Rating **	M	Issue No.	<b>1176 (cont)</b>
LM End	<b>8.72</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP\_FA\_2015\_5308.jpg



WS view: pump on concrete pipe sump. Pipe, walkway, and appurtenance on levee slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>8.81</b>	Rating **	M	Issue No.	<b>4</b>
LM End	<b>8.83</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.968060 °	37.968060 °
				-121.123299 °	-121.123299 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: 8/12/2015: No significant change observed. 8/20/2014: Both ends of the erosion site are protected by riprap. [2015 Site ID:NA0017U15RM13.87]					

Photo 1 of 3 : SJR2015\_NA0017U15RM13.87\_1.JPG



View of the site from the left river bank.

LM Start	<b>8.81</b>	Rating **	M	Issue No.	<b>4 (cont)</b>
LM End	<b>8.83</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : SJR2015\_NA0017U15RM13.87\_2.JPG



Close view of the erosion.

LM Start	<b>8.81</b>	Rating **	M	Issue No.	<b>4 (cont)</b>
LM End	<b>8.83</b>	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SJR2015\_NA0017U15RM13.87\_4.JPG



Close view of the erosion.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>8.86</b>	Rating **	M	Issue No.	<b>148</b>
LM End	<b>9.92</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.967726 °	37.965119 °
				-121.124092 °	-121.142330 °
DWR ID	DWR_NA0017_15_f_2015_148				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	<b>9.07</b>	Rating **	U	Issue No.	<b>10</b>
LM End	<b>9.07</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.967019 °	37.967019 °
				-121.127581 °	-121.127581 °
DWR ID					
Action/Comments					
Inspector Comments: 8/12/2015: No significant change observed. 8/20/2014: No significant change observed. 9/12/2013: The erosion might have been caused by river flow combined with runoff. Dense vegetation is presents at the site. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2015 Site ID:NA0017U16RM13.85]					

Photo 1 of 2 : SJR2015\_NA0017U16RM13.85\_1.JPG



View of the site from the right river bank.

LM Start	<b>9.07</b>	Rating **	U	Issue No.	<b>10 (cont)</b>
LM End	<b>9.07</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SJR2015\_NA0017U16RM13.85\_3.JPG



Close view of the erosion.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>9.37</b>	Rating **	M	Issue No.	<b>8</b>
LM End	<b>9.39</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.967190 °	37.967190 °
				-121.133080 °	-121.133080 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: 8/12/2015: No significant change observed. 8/20/2014: No significant change observed. 9/12/2013: No significant change observed. 08/22/2012: The erosion is on berm. The berm width is estimated. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2015 Site					

Photo 1 of 3 : SJR2015\_NA0017U16RM13.53\_1.jpg



Upstream view of the erosion.

LM Start	<b>9.37</b>	Rating **	M	Issue No.	<b>8 (cont)</b>
LM End	<b>9.39</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : SJR2015\_NA0017U16RM13.53\_3.jpg



Close view of the erosion.

LM Start	<b>9.37</b>	Rating **	M	Issue No.	<b>8 (cont)</b>
LM End	<b>9.39</b>	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SJR2015\_NA0017U16RM13.53\_4.jpg



Close view of the erosion.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>9.39</b>	Rating **	M	Issue No.	<b>121</b>
LM End	<b>9.39</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		37.967155 °	37.967155 °	
			-121.133277 °	-121.133277 °	
DWR ID	DWR_NA0017_15_f_2012_121				
Action/Comments					
Repair slope instability.					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_121\_20150911\_00078.jpg



A slope instability was found on the waterside slope of the levee looking downstream.

LM Start	<b>9.42</b>	Rating **	U	Issue No.	<b>40</b>
LM End	<b>9.42</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.967017 °	37.967017 °	
			-121.133863 °	-121.133863 °	
DWR ID	DWR_NA0017_15_s_2012_40				
Action/Comments					
Building					

Photo 1 of 2 : FA\_2015\_NA0017\_159\_40\_20150911\_00027.jpg



Additional view of building.

LM Start	<b>9.42</b>	Rating **	U	Issue No.	<b>40 (cont)</b>
LM End	<b>9.42</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : FA\_2015\_NA0017\_159\_40\_20150911\_00028.jpg



Building located on waterside of access road. This building appears to be recently constructed and does not currently contain anything.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>9.55</b>	Rating **	M	Issue No.	<b>1177</b>
LM End	<b>9.55</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.966327 °	37.966327 °
				-121.135980 °	-121.135980 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:34983 DS_ID:23233 EP_NO: N/A FS_HLM: 9.75 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_5355.jpg



WS view: closer view of CM outlet pipe on levee slope.

LM Start	<b>9.55</b>	Rating **	M	Issue No.	<b>1177 (cont)</b>
LM End	<b>9.55</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_5356.jpg



WS view: CM outlet pipe on levee slope.

LM Start	<b>9.55</b>	Rating **	M	Issue No.	<b>1177 (cont)</b>
LM End	<b>9.55</b>	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_FA\_2015\_5357.jpg



WS view: CM outlet pipe on levee slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>9.56</b>	Rating **	M	Issue No.	<b>1178</b>
LM End	<b>9.56</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.966250 °	37.966250 °
				-121.136140 °	-121.136140 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:40389 DS_ID:23234 EP_NO: N/A FS_HLM: 9.76 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_5358.jpg



LS view: pump on concrete pipe sump; steel pipe and appurtenances.

LM Start	<b>9.56</b>	Rating **	M	Issue No.	<b>1178 (cont)</b>
LM End	<b>9.56</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_5420.jpg



WS view: closer view of concrete pipe on channel bank.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>9.56</b>	Rating **	M	Issue No.	<b>1178 (cont)</b>
LM End	<b>9.56</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.966250 °	37.966250 °
				-121.136140 °	-121.136140 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40389 DS_ID:23234 EP_NO: N/A FS_HLM: 9.76 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_5421.jpg



WS view: concrete pipe on channel bank (right-bottom).

LM Start	<b>9.56</b>	Rating **	M	Issue No.	<b>1179</b>
LM End	<b>9.56</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.966255 °	37.966255 °
				-121.136170 °	-121.136170 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40390 DS_ID:24853 EP_NO: N/A FS_HLM: 9.762 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Field discovered crossing. Needs more info from LMA or DWR Inspector.No pipe or appurtenances found on landside. FIELD_STRUCT_DESC: 8-inch PVC pipe through the levee, 3.0 ft. below the crown. FS Date: 04/10/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_5422.jpg



WS view: pvc outfall pipe on levee slope with open end.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	9.56	Rating **	M	Issue No.	1179 (cont)
LM End	9.56	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
	Start		End		
Item	DWR UCIP Field Study			37.966255 °	37.966255 °
				-121.136170 °	-121.136170 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40390 DS_ID:24853 EP_NO: N/A FS_HLM: 9.762 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Field discovered crossing. Needs more info from LMA or DWR Inspector.No pipe or appurtenances found on landside. FIELD_STRUCT_DESC: 8-inch PVC pipe through the levee, 3.0 ft. below the crown. FS Date: 04/10/2014					

Photo 2 of 2 : UCIP\_FA\_2015\_5423.jpg



WS view: pvc outfall pipe on levee slope (top-left).

LM Start	9.56	Rating **	U	Issue No.	136
LM End	9.56	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
	Start		End		
Item	Encroachments			37.966230 °	37.966230 °
				-121.136215 °	-121.136215 °
DWR ID	DWR_NA0017_15_s_2012_136				
Action/Comments					
Pipe Inspector Comments: A PVC drain pipe is going under the levee crown.					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_136\_20150911\_00085.jpg



A perforated PVC pipe was found on the waterside slope of the levee looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	9.80	Rating **	M	Issue No.	1180
LM End	9.80	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.965294 °	37.965294 °
				-121.140184 °	-121.140184 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:34986 DS_ID:23235 EP_NO: N/A FS_HLM: 10.01 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Mud/soil in inlet pipe. Needs cleaning.No pipe or appurtenances visible on waterside. Dense vegetation (may be visible from other channel bank). FIELD_STRUCT_DESC: 18-inch CM pipe through the levee 4.0 feet below the crown. Grouted inlet and outlet. O&M Manual SJR Assumed 999. FS Date: 04/10/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_5424.jpg



LS view: closer view of partially buried inlet pipe. Needs cleaning and clearing.

LM Start	9.80	Rating **	M	Issue No.	1180 (cont)
LM End	9.80	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_5425.jpg



LS view: partially buried inlet pipe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>9.80</b>	Rating **	M	Issue No.	<b>1180 (cont)</b>
LM End	<b>9.80</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.965294 °	37.965294 °
				-121.140184 °	-121.140184 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:34986 DS_ID:23235 EP_NO: N/A FS_HLM: 10.01 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_5426.jpg



WS view: no pipe or appurtenances found.

LM Start	<b>9.81</b>	Rating **	M	Issue No.	<b>147</b>
LM End	<b>9.81</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.965314 °	37.965314 °
				-121.140296 °	-121.140296 °
DWR ID	DWR_NA0017_15_s_2012_147				
Action/Comments					
Prunings					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_147\_20150911\_00090.jpg



Prunings were found on the waterside shoulder of the levee looking downstream.

LM Start	<b>9.82</b>	Rating **	M	Issue No.	<b>151</b>
LM End	<b>9.82</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.965369 °	37.965369 °
				-121.140559 °	-121.140559 °
DWR ID	DWR_NA0017_15_f_2015_151				
Action/Comments					
Debris					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_151\_20151019\_00150.jpg



Debris was found on the waterside shoulder of the levee looking downstream.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>9.83</b>	Rating **	M	Issue No.	<b>126</b>
LM End	<b>9.83</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.965343 °	37.965343 °
				-121.140761 °	-121.140761 °
DWR ID	DWR_NA0017_15_s_2014_126				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_126\_20150911\_00082.jpg



View of rodent holes on the waterside of the levee looking upstream.

LM Start	<b>9.90</b>	Rating **	M	Issue No.	<b>68</b>
LM End	<b>9.90</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.965165 °	37.965165 °
				-121.141928 °	-121.141928 °
DWR ID	DWR_NA0017_15_s_2013_68				
Action/Comments					
Repair slope instability.					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_68\_20150911\_00052.jpg



Slope instability was found on the waterside slope of the levee looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	10.01	Rating **	M	Issue No.	1181
LM End	10.01	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.965085 °	37.965085 °
				-121.143999 °	-121.143999 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:34987 DS_ID:23236 EP_NO: N/A FS_HLM: 10.225 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: May need cleaning of the pipe. Pipe not visible on waterside. FIELD_STRUCT_DESC: 18-inch CM pipe through the levee 4.5 feet below the crown. Grouted inlet and outlet. O&M Manual SJR Assumed 999. FS Date: 04/10/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_5427.jpg



LS view: partially buried inlet pipe on levee toe.

Photo 2 of 3 : UCIP\_FA\_2015\_5428.jpg



LS view: inside view of partially buried inlet pipe. Needs cleaning.

LM Start	10.01	Rating **	M	Issue No.	1181 (cont)
LM End	10.01	Issue Type +	En	Location *	WS

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>10.01</b>	Rating **	M	Issue No.	<b>1181 (cont)</b>
LM End	<b>10.01</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.965085 °	37.965085 °
				-121.143999 °	-121.143999 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:34987 DS_ID:23236 EP_NO: N/A FS_HLM: 10.225 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_5429.jpg



WS view: no pipe or appurtenances found.

LM Start	<b>10.26</b>	Rating **	M	Issue No.	<b>1182</b>
LM End	<b>10.26</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.965115 °	37.965115 °
				-121.148521 °	-121.148521 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41468 DS_ID:24854 EP_NO: N/A FS_HLM: 10.478 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Field discovered crossing. Need to determine Permit No. FIELD_STRUCT_DESC: 4-inch galvanized iron communication conduit attached to the bridge and through the levee. Warning post on waterside shoulder. FS Date: 04/10/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_5430.jpg



WS view: closer view of GI conduit attached to the bridge.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	10.26	Rating **	M	Issue No.	1182 (cont)
LM End	10.26	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.965115 °	37.965115 °
				-121.148521 °	-121.148521 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41468 DS_ID:24854 EP_NO: N/A FS_HLM: 10.478 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Field discovered crossing. Need to determine Permit No. FIELD_STRUCT_DESC: 4-inch galvanized iron communication conduit attached to the bridge and through the levee. Warning post on waterside shoulder. FS Date: 04/10/2014					

Photo 2 of 2 : UCIP\_FA\_2015\_5431.jpg



WS view: GI conduit attached to the bridge. Warning post on levee shoulder.

LM Start	10.27	Rating **	M	Issue No.	1183
LM End	10.27	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.965097 °	37.965097 °
				-121.148671 °	-121.148671 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:35005 DS_ID:23238 EP_NO: N/A FS_HLM: 10.486 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe buried on landside. May need cleaning of vegetation debris in inlet opening. FIELD_STRUCT_DESC: 18-inch CM pipe through the levee 7.5 feet below the crown. Flap gate on the waterward side. O&M Manual SJR Assumed 999. FS Date: 04/10/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_5432.jpg



LS view: vegetation debris in inlet area. Needs cleaning and clearing.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	10.27	Rating **	M	Issue No.	1183 (cont)	
LM End	10.27	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
			Start	End		
Item	DWR UCIP Field Study			37.965097 °	37.965097 °	
				-121.148671 °	-121.148671 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:35005 DS_ID:23238 EP_NO: N/A FS_HLM: 10.486 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe buried on landside. May need cleaning of vegetation debris in inlet opening. FIELD_STRUCT_DESC: 18-inch CM pipe through the levee 7.5 feet below the crown. Flap gate on the waterward side. O&M Manual SJR Assumed 999. FS Date: 04/10/2014						

Photo 2 of 2 : UCIP\_FA\_2015\_5433.jpg



WS view: CM outfall pipe with flapgate on levee slope.

LM Start	10.40	Rating **	M	Issue No.	78	
LM End	10.40	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
			Start	End		
Item	Encroachments			37.964942 °	37.964942 °	
				-121.151073 °	-121.151073 °	
DWR ID	DWR_NA0017_15_s_2012_78					
Action/Comments						
Prunings						

Photo 1 of 2 : FA\_2015\_NA0017\_159\_78\_20150911\_00057.jpg



Prunings were found on the waterside of the levee looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>10.40</b>	Rating **	M	Issue No.	<b>78 (cont)</b>
LM End	<b>10.40</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.964942 °	37.964942 °
				-121.151073 °	-121.151073 °
DWR ID	DWR_NA0017_15_s_2012_78				
Action/Comments					
Prunings					

Photo 2 of 2 : FA\_2015\_NA0017\_159\_78\_20150911\_00058.jpg



View of the prunings pile on the waterward slope looking downstream.

LM Start	<b>10.53</b>	Rating **	M	Issue No.	<b>174</b>
LM End	<b>10.53</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.964605 °	37.964605 °
				-121.153369 °	-121.153369 °
DWR ID	DWR_NA0017_15_f_2015_174				
Action/Comments					
Prunings					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>10.53</b>	Rating **	M	Issue No.	<b>1184</b>
LM End	<b>10.53</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.964584 °	37.964584 °
				-121.153474 °	-121.153474 °
DWR ID					

**Action/Comments**

Inspector Comments: FS\_ID:40391  
 DS\_ID:23240  
 EP\_NO: N/A  
 FS\_HLM: 10.755  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: Pipe open on WS as Pump removed from the pipe. Tri-action valve on landside pipe.  
 FIELD\_STRUCT\_DESC: 6-inch pipe through the levee 1.0 feet below the crown. Pump, motor and gate valve on waterward berm. 30-inch standpipe on the landward side. Pole on the waterward shoulder.  
 Electric conduit through the levee. O&M Manual SJR Assumed 999.  
 FS Date: 04/10/2014

LM Start	<b>10.53</b>	Rating **	M	Issue No.	<b>1184 (cont)</b>
LM End	<b>10.53</b>	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP\_FA\_2015\_5485.jpg



LS view: concrete standpipe, pipe, and tri-action valve.

Photo 2 of 3 : UCIP\_FA\_2015\_5486.jpg



WS view: pump removed from the pipe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>10.53</b>	Rating **	M	Issue No.	<b>1184 (cont)</b>
LM End	<b>10.53</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.964584 °	37.964584 °
				-121.153474 °	-121.153474 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40391 DS_ID:23240 EP_NO: N/A FS_HLM: 10.755 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_5487.jpg



WS view: pipe and pump on levee slope.

LM Start	<b>10.77</b>	Rating **	M	Issue No.	<b>106</b>
LM End	<b>10.77</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.963319 °	37.963319 °
				-121.157557 °	-121.157557 °
DWR ID	DWR_NA0017_15_s_2012_106				
Action/Comments					
Prunings Inspector Comments: Prunings and ashes piled at the toe.					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_106\_20150911\_00071.jpg



Prunings were found on the landside of the levee looking downstream.

LM Start	<b>10.83</b>	Rating **	M	Issue No.	<b>137</b>
LM End	<b>10.83</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.962885 °	37.962885 °
				-121.158509 °	-121.158509 °
DWR ID	DWR_NA0017_15_s_2012_137				
Action/Comments					
Prunings					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_137\_20150911\_00086.jpg



Prunings were found on the waterside of the levee looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>10.90</b>	Rating **	M	Issue No.	<b>152</b>
LM End	<b>10.90</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.962272 °	37.962272 °	
			-121.159393 °	-121.159393 °	
DWR ID	DWR_NA0017_15_f_2015_152				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_152\_20151019\_00151.jpg



A rodent hole was found on the waterside of the levee looking upstream.

LM Start	<b>11.35</b>	Rating **	M	Issue No.	<b>150</b>
LM End	<b>11.35</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.960824 °	37.960824 °	
			-121.166996 °	-121.166996 °	
DWR ID	DWR_NA0017_15_s_2012_150				
Action/Comments					
Equipment					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_150\_20150911\_00091.jpg



Equipment on the landside of the levee. The picture was taken from the crown looking downstream.

LM Start	<b>11.37</b>	Rating **	M	Issue No.	<b>109</b>
LM End	<b>11.37</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.960762 °	37.960762 °	
			-121.167528 °	-121.167528 °	
DWR ID	DWR_NA0017_15_s_2012_109				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_109\_20150911\_00073.jpg



View of cactus within 10 feet of the landward toe blocking visibility and access.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>11.41</b>	Rating **	M	Issue No.	<b>1185</b>
LM End	<b>11.41</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.960784 °	37.960784 °
				-121.168119 °	-121.168119 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:35010 DS_ID:23243 EP_NO: N/A FS_HLM: 11.645 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Distorted outlet pipe on waterside. FIELD_STRUCT_DESC: 18-inch CM pipe 4.0 feet below the roadway. Grouted outlet on the waterward side. O&M Manual SJR Assumed 999. FS Date: 04/14/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_5488.jpg



LS view: headwall and inlet pipe on levee toe.

LM Start	<b>11.41</b>	Rating **	M	Issue No.	<b>1185 (cont)</b>
LM End	<b>11.41</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP\_FA\_2015\_5489.jpg



WS view: outlet pipe on grouted riprap on levee slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>11.49</b>	Rating **	A/W	Issue No.	<b>153</b>
LM End	<b>11.60</b>	Issue Type +	Ob	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.960820 °	37.961237 °	
			-121.169595 °	-121.171659 °	
DWR ID	DWR_NA0017_15_f_2015_153				
Action/Comments					
Environmental Requirements.					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_153\_20151019\_00152.jpg



View of the re-vegetation area on the waterside of the levee.

LM Start	<b>11.84</b>	Rating **	M	Issue No.	<b>989</b>
LM End	<b>11.84</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.961901 °	37.961901 °	
			-121.175973 °	-121.175973 °	
DWR ID	DWR_NA0017_15_s_2012_989				
Action/Comments					
Prunings Inspector Comments: Burn pile has been burned but new material has been placed.					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_989\_20150911\_00118.jpg



Prunings were found on the landside slope of the levee looking downstream.

LM Start	<b>11.97</b>	Rating **	M	Issue No.	<b>45</b>
LM End	<b>11.97</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.961945 °	37.961945 °	
			-121.178268 °	-121.178268 °	
DWR ID	DWR_NA0017_15_s_2012_45				
Action/Comments					
Prunings Inspector Comments: Burn pile has been burned but new material has been placed.					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_45\_20150911\_00036.jpg



Prunings were found on the landside of the levee looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>12.30</b>	Rating **	M	Issue No.	<b>155</b>
LM End	<b>12.30</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.961410 °	37.961410 °
				-121.184231 °	-121.184231 °
DWR ID	DWR_NA0017_15_s_2015_155				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_155\_20150911\_00092.jpg



View of slope instability on the landside of the levee looking upstream.

LM Start	<b>12.40</b>	Rating **	M	Issue No.	<b>1186</b>
LM End	<b>12.40</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.961191 °	37.961191 °
				-121.185985 °	-121.185985 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41629 DS_ID:23248 EP_NO: N/A FS_HLM: 12.653 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned and if so should be done so properly. FIELD_STRUCT_DESC: Abandoned 8-inch pipe and electric conduit through the levee 3.5 feet below the crown. Pump on the waterside. Concrete standpipe on the landward side. Pole on the landward side. O&M Manual SJR Assumed 999. FS Date: 04/14/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_5661.jpg



LS view: air vent and valve in concrete riser.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	12.40	Rating **	M	Issue No.	1186 (cont)
LM End	12.40	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
			Start	End	
Item	DWR UCIP Field Study			37.961191 °	37.961191 °
				-121.185985 °	-121.185985 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41629 DS_ID:23248 EP_NO: N/A FS_HLM: 12.653 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned and if so should be done so properly. FIELD_STRUCT_DESC: Abandoned 8-inch pipe and electric conduit through the levee 3.5 feet below the crown. Pump on the waterside. Concrete standpipe on the landward side. Pole on the landward side. O&M Manual SJR Assumed 999. FS Date: 04/14/2014					

Photo 2 of 2 : UCIP\_FA\_2015\_5662.jpg



WS view: an abandoned pipe and pump on levee slope.

LM Start	12.57	Rating **	M	Issue No.	46
LM End	12.57	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
			Start	End	
Item	Encroachments			37.961012 °	37.961012 °
				-121.189067 °	-121.189067 °
DWR ID	DWR_NA0017_15_f_2015_46				
Action/Comments					
Prunings Inspector Comments: Burn pile has been burned but new material has been placed. Burn piles need to be moved away from the flood wall to prevent further damage.					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_46\_20150911\_00037.jpg



Prunings were found on the waterside of the levee looking downstream.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown N/A : Not Applicable	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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>12.75</b>	Rating **	M	Issue No.	<b>1187</b>
LM End	<b>12.75</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.960591 °	37.960591 °
				-121.192367 °	-121.192367 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:35044 DS_ID:23250 EP_NO: N/A FS_HLM: 13.013 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pumped removed. New 12-inch steel pipe. Not found- 36-inch concrete standpipe on the landward side. Siphon valve on the landward shoulder.No pipe and appurtenances found on landside. FIELD_STRUCT_DESC: 12-inch pipe and electric conduit through the levee 3.5 feet below the crown. Pump on concrete pad on channel bank. Air vent on waterside berm and power pole on landside. O&M Manual SJR Assumed 999. FS Date: 04/14/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_5663.jpg



LS view: no pipe found on landside. A power pole with switch panel.

LM Start	<b>12.75</b>	Rating **	M	Issue No.	<b>1187 (cont)</b>
LM End	<b>12.75</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP\_FA\_2015\_5664.jpg



WS view: pump on concrete pad on levee slope. Pump has been removed. Pipe and appurtenances on levee slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>12.99</b>	Rating **	M	Issue No.	<b>114</b>
LM End	<b>12.99</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.961002 °	37.961002 °
				-121.196155 °	-121.196155 °
DWR ID	DWR_NA0017_15_s_2012_114				
Action/Comments					
Equipment					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_114\_20150911\_00075.jpg



Equipment was found on the landside toe of the levee looking downstream.

LM Start	<b>13.02</b>	Rating **	M	Issue No.	<b>1188</b>
LM End	<b>13.02</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.961175 °	37.961175 °
				-121.196691 °	-121.196691 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:35045 DS_ID:23251 EP_NO: 7363 FS_HLM: 13.283 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pump removed. Flowmeter in pvc riser on waterside slope.No pipe found on landside. FIELD_STRUCT_DESC: 6-inch steel pipe through the levee 3 feet below the crown. Slant pump mounted on the waterward slope. Flowmeter in pvc riser on waterside slope. (App. No.7363 - Caffese) FS Date: 04/14/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_5665.jpg



LS view: no pipe or appurtenances found.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	13.02	Rating **	M	Issue No.	1188 (cont)	
LM End	13.02	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
			Start	End		
Item	DWR UCIP Field Study			37.961175 °	37.961175 °	
DWR ID				-121.196691 °	-121.196691 °	
Action/Comments						
Inspector Comments: FS_ID:35045 DS_ID:23251 EP_NO: 7363 FS_HLM: 13.283 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pump removed. Flowmeter in pvc riser on waterside slope.No pipe found on landside. FIELD_STRUCT_DESC: 6-inch steel pipe through the levee 3 feet below the crown. Slant pump mounted on the waterward slope. Flowmeter in pvc riser on waterside slope. (App. No.7363 - Caffese) FS Date: 04/14/2014						

Photo 2 of 2 : UCIP\_FA\_2015\_5666.jpg



WS view: steel plated pipe, pump removed, and appurtenances on levee slope.

LM Start	13.15	Rating **	M	Issue No.	1189	
LM End	13.15	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
			Start	End		
Item	DWR UCIP Field Study			37.961186 °	37.961186 °	
DWR ID				-121.199150 °	-121.199150 °	
Action/Comments						
Inspector Comments: FS_ID:35047 DS_ID:23252 EP_NO: N/A FS_HLM: 13.421 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs pipe cleaning. FIELD_STRUCT_DESC: 30-inch CM pipe through the levee 8.5 feet below the crown. Concrete "U" headwalls on both ends. Grouted spillway on waterside. Flap gate on the waterward end. O&M Manual SJR Assumed 999. FS Date: 04/14/2014						

Photo 1 of 3 : UCIP\_FA\_2015\_5667.jpg



LS view: U type concrete headwall and CM inlet Pipe on levee slope. Soil/mud on inlet box.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown N/A : Not Applicable	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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	13.15	Rating **	M	Issue No.	1189 (cont)
LM End	13.15	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.961186 °	37.961186 °
				-121.199150 °	-121.199150 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:35047 DS_ID:23252 EP_NO: N/A FS_HLM: 13.421 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs pipe cleaning. FIELD_STRUCT_DESC: 30-inch CM pipe through the levee 8.5 feet below the crown. Concrete "U" headwalls on both ends. Grouted spillway on waterside. Flap gate on the waterward end. O&M Manual SJR Assumed 999. FS Date: 04/14/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_5668.jpg



WS view: U type concrete headwall, CM pipe with flapgate, and concrete spillway on levee slope.

LM Start	13.15	Rating **	M	Issue No.	1189 (cont)
LM End	13.15	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_5669.jpg



LS view: inside view of the CM pipe. Needs cleaning and clearing the pipe.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>13.19</b>	Rating **	M	Issue No.	<b>1190</b>
LM End	<b>13.19</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.961068 °	37.961068 °
				-121.199722 °	-121.199722 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:35048 DS_ID:23253 EP_NO: N/A FS_HLM: 13.454 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_5670.jpg



LS view: power pole and appurtenances on landside toe.

LM Start	<b>13.19</b>	Rating **	M	Issue No.	<b>1190 (cont)</b>
LM End	<b>13.19</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_5695.jpg



WS view: an abandoned pump on steel pedestal.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>13.19</b>	Rating **	M	Issue No.	<b>1190 (cont)</b>
LM End	<b>13.19</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.961068 °	37.961068 °
				-121.199722 °	-121.199722 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:35048 DS_ID:23253 EP_NO: N/A FS_HLM: 13.454 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_5696.jpg



WS view: flowmeter in CMP riser on berm.

LM Start	<b>13.31</b>	Rating **	M	Issue No.	<b>178</b>
LM End	<b>13.31</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.960483 °	37.960483 °
				-121.201788 °	-121.201788 °
DWR ID	DWR_NA0017_15_f_2014_178				
Action/Comments					
Agricultural tilling					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_178\_20150911\_00101.jpg



Agriculture tilling was found on the landside toe of the levee looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>13.47</b>	Rating **	M	Issue No.	<b>1191</b>
LM End	<b>13.47</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.961446 °	37.961446 °
				-121.204389 °	-121.204389 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:35049 DS_ID:23254 EP_NO: N/A FS_HLM: 13.738 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning. FIELD_STRUCT_DESC: 36-inch pipe through the levee 8.5 feet below the crown. Concrete "U" headwalls on both ends. Flap gate on waterward side. Grouted spillway. O&M Manual SJR Assumed 999. FS Date: 04/14/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_5309.jpg



LS view: inside view of the CM pipe. Needs cleaning and clearing the pipe.

LM Start	<b>13.47</b>	Rating **	M	Issue No.	<b>1191 (cont)</b>
LM End	<b>13.47</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_5310.jpg



LS view: U type concrete headwall and CM inlet Pipe on levee slope. Soil/mud on inlet box.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>13.47</b>	Rating **	M	Issue No.	<b>1191 (cont)</b>
LM End	<b>13.47</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.961446 °	37.961446 °
				-121.204389 °	-121.204389 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:35049 DS_ID:23254 EP_NO: N/A FS_HLM: 13.738 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_5311.jpg



WS view: U type concrete headwall, CM pipe with flapgat, and concrete spillway on levee slope.

LM Start	<b>13.53</b>	Rating **	M	Issue No.	<b>192</b>
LM End	<b>14.93</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.961961 °	37.972713 °
				-121.205328 °	-121.227133 °
DWR ID	DWR_NA0017_15_s_2015_192				
Action/Comments					
Fence					

No Photos

LM Start	<b>13.59</b>	Rating **	M	Issue No.	<b>138</b>
LM End	<b>14.89</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.962469 °	37.972404 °
				-121.206356 °	-121.226450 °
DWR ID	DWR_NA0017_15_f_2015_138				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>14.36</b>	Rating **	M	Issue No.	<b>1192</b>
LM End	<b>14.36</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.968450 °	37.968450 °
				-121.218081 °	-121.218081 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40403 DS_ID:23259 EP_NO: 6378 FS_HLM: 14.643 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Needs further evaluation to determine if crossing still exists. Only few appurtenances found on landside.Needs confirmation from LMA. FIELD_STRUCT_DESC: 42-inch concrete pipe through the levee 8.5 feet below the crown. Siphon breaker in 20-inch man hole on landward shoulder. Pressure relief valve on waterward berm. Discharges onto rock. Waterward bank rock revetted. Pad over pipe 4-foot above crown. (App- No.6378-California Water Service) O&M Manual SJR Assumed 999. FS Date: 04/14/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_5312.jpg



LS view: closer view of four steel risers across the wired fence.

LM Start	<b>14.36</b>	Rating **	M	Issue No.	<b>1192 (cont)</b>
LM End	<b>14.36</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_5313.jpg



LS view: four steel risers across the wired fence.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>14.36</b>	Rating **	M	Issue No.	<b>1192 (cont)</b>
LM End	<b>14.36</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.968450 °	37.968450 °
				-121.218081 °	-121.218081 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40403 DS_ID:23259 EP_NO: 6378 FS_HLM: 14.643 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP\_FA\_2015\_5314.jpg



WS view: no pipe or appurtenances found. Dense vegetation.

LM Start	<b>14.66</b>	Rating **	M	Issue No.	<b>1039</b>
LM End	<b>15.01</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.970850 °	37.973212 °
				-121.222724 °	-121.228395 °
DWR ID	DWR_NA0017_15_s_2012_1039				
Action/Comments					
Ditch					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>14.83</b>	Rating **	M	Issue No.	<b>1193</b>
LM End	<b>14.83</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.971974 °	37.971974 °
				-121.225414 °	-121.225414 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40404 DS_ID:23260 EP_NO: N/A FS_HLM: 15.12 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs further evaluation to determine if pipe crosses through the levee. Only a well and pump found on landside off the levee inside fence. Needs confirmation from the LMA. FIELD_STRUCT_DESC: Abandoned water well at the landward toe. Concrete "U" headwall protects sump and levee slope. Concrete standpipe 3 feet from the landward toe. FS Date: 04/14/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_3519.jpg



LS view: well pump off the levee on landside.

LM Start	<b>14.83</b>	Rating **	M	Issue No.	<b>1193 (cont)</b>
LM End	<b>14.83</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP\_FA\_2015\_3520.jpg



LS view: power pole for well pump off the levee on landside.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>15.41</b>	Rating **	M	Issue No.	<b>156</b>
LM End	<b>15.52</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.975882 °	37.976634 °
				-121.234883 °	-121.236714 °
DWR ID	DWR_NA0017_15_f_2015_156				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	<b>15.42</b>	Rating **	M	Issue No.	<b>32</b>
LM End	<b>15.42</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.975959 °	37.975959 °
				-121.235058 °	-121.235058 °
DWR ID	DWR_NA0017_15_s_2014_32				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or gROUT burrows.					

Photo 1 of 2 : FA\_2015\_NA0017\_159\_32\_20150911\_00023.jpg



Updated picture of the rodent hole on the landside of the levee during spring 2015 inspection.

LM Start	<b>15.42</b>	Rating **	M	Issue No.	<b>32 (cont)</b>
LM End	<b>15.42</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA\_2015\_NA0017\_159\_32\_20150911\_00024.jpg



A rodent hole was found on the landside of the levee looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>15.43</b>	Rating **	M	Issue No.	<b>71</b>
LM End	<b>15.43</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.976000 °	37.976000 °
				-121.235156 °	-121.235156 °
DWR ID	DWR_NA0017_15_s_2013_71				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 2 : FA\_2015\_NA0017\_159\_71\_20151019\_00153.jpg



Updated picture of the rodent holes on the landside of the levee looking downstream during fall 2015 inspection.

LM Start	<b>15.43</b>	Rating **	M	Issue No.	<b>71 (cont)</b>
LM End	<b>15.43</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA\_2015\_NA0017\_159\_71\_20150911\_00053.jpg



View of the animal holes on the landside of the levee looking upstream during fall 2014 inspection.

LM Start	<b>15.65</b>	Rating **	M	Issue No.	<b>1194</b>
LM End	<b>15.65</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.977487 °	37.977487 °
				-121.238711 °	-121.238711 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40405 DS_ID:23190 EP_NO: N/A FS_HLM: 15.954 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_3757.jpg



LS view: concrete riser on levee toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>15.65</b>	Rating **	M	Issue No.	<b>1194 (cont)</b>
LM End	<b>15.65</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.977487 °	37.977487 °
				-121.238711 °	-121.238711 °
DWR ID					

**Action/Comments**

Inspector Comments: FS\_ID:40405  
 DS\_ID:23190  
 EP\_NO: N/A  
 FS\_HLM: 15.954  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: Pipe appears abandoned and if so should be done so properly. Pump removed.  
 FIELD\_STRUCT\_DESC: Abandoned 10-inch steel pipe through the levee 3.3 feet below the crown. Pump mounted over riser unit on berm. 24-inch intake pipe with concrete "U" headwall from the channel to riser unit. Electric conduit through the levee. Concrete standpipe on the landward side 25 feet from the toe. O&M Manual SJR Assumed 999.  
 FS Date: 04/15/2014

LM Start	<b>15.65</b>	Rating **	M	Issue No.	<b>1194 (cont)</b>
LM End	<b>15.65</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_3758.jpg



WS view: steel pipe, pump removed from pipes.

Photo 3 of 3 : UCIP\_FA\_2015\_3759.jpg



WS view: steel irrigation pipe exposed on levee slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>15.66</b>	Rating **	M	Issue No.	<b>157</b>
LM End	<b>15.84</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.977593 °	37.978901 °
				-121.238986 °	-121.241830 °
DWR ID	DWR_NA0017_15_f_2015_157				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	<b>15.79</b>	Rating **	M	Issue No.	<b>1045</b>
LM End	<b>16.29</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.978480 °	37.981949 °
				-121.240909 °	-121.248943 °
DWR ID	DWR_NA0017_15_s_2012_1045				
Action/Comments					
Ditch					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_1045\_20150911\_00124.jpg



View of a ditch adjacent to the landward toe looking downstream.

LM Start	<b>15.79</b>	Rating **	M	Issue No.	<b>196</b>
LM End	<b>15.79</b>	Issue Type +	Ma	Location *	WS
Category	Concrete Floodwalls			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			37.978513 °	37.978513 °
				-121.240984 °	-121.240984 °
DWR ID	DWR_NA0017_15_s_2015_196				
Action/Comments					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>15.97</b>	Rating **	M	Issue No.	<b>1195</b>
LM End	<b>15.97</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.979818 °	37.979818 °
				-121.243889 °	-121.243889 °
DWR ID					

**Action/Comments**  
 Inspector Comments: FS\_ID:40406  
 DS\_ID:23191  
 EP\_NO: N/A  
 FS\_HLM: 16.284  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: Appears abandoned and if so should be done so properly. Pump removed.  
 FIELD\_STRUCT\_DESC: Abandoned 12-inch steel pipe through the levee 3.3 feet below the crown. Pump mounted over riser unit on berm. 24-inch intake pipe with concrete "U" headwall from the channel to riser unit. Electric conduit through the levee. Concrete standpipe on the landward side 25 feet from toe. O&M Manual SJR Assumed 999.  
 FS Date: 04/15/2014

Photo 1 of 2 : UCIP\_FA\_2015\_5564.jpg



LS view: steel pipe crossing ditch, a concrete standpipe across the ditch under the tree.

LM Start	<b>15.97</b>	Rating **	M	Issue No.	<b>1195 (cont)</b>
LM End	<b>15.97</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP\_FA\_2015\_5565.jpg



WS view: pump removed from CMP pump sump. CMP sump on levee slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>16.14</b>	Rating **	M	Issue No.	<b>198</b>
LM End	<b>16.14</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.980961 °	37.980961 °
				-121.246553 °	-121.246553 °
DWR ID	DWR_NA0017_15_s_2015_198				
Action/Comments					
Repair slope instability. Inspector Comments: Runoff					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_198\_20150911\_00109.jpg



View of slope instability due to runoff on the landside of the levee looking upstream.

LM Start	<b>16.20</b>	Rating **	M	Issue No.	<b>86</b>
LM End	<b>16.20</b>	Issue Type +	Ma	Location *	WS
Category	Concrete Floodwalls			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			37.981363 °	37.981363 °
				-121.247601 °	-121.247601 °
DWR ID	DWR_NA0017_15_f_2013_86				
Action/Comments					

No Photos

LM Start	<b>16.26</b>	Rating **	M	Issue No.	<b>158</b>
LM End	<b>16.26</b>	Issue Type +	Ma	Location *	WS
Category	Concrete Floodwalls			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			37.981755 °	37.981755 °
				-121.248507 °	-121.248507 °
DWR ID	DWR_NA0017_15_f_2015_158				
Action/Comments					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>16.26</b>	Rating **	M	Issue No.	<b>197</b>
LM End	<b>16.26</b>	Issue Type +	Ma	Location *	WS
Category	Concrete Floodwalls			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			37.981770 °	37.981770 °
				-121.248521 °	-121.248521 °
DWR ID	DWR_NA0017_15_s_2015_197				
Action/Comments					

No Photos

LM Start	<b>16.26</b>	Rating **	M	Issue No.	<b>184</b>
LM End	<b>16.26</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.981800 °	37.981800 °
				-121.248545 °	-121.248545 °
DWR ID	DWR_NA0017_15_f_2014_184				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Surface runoff.					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_184\_20150911\_00103.jpg



Erosion caused by surface runoff was found on the landside of the levee looking upstream.

LM Start	<b>16.29</b>	Rating **	M	Issue No.	<b>1196</b>
LM End	<b>16.29</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.982002 °	37.982002 °
				-121.249063 °	-121.249063 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41483 DS_ID:23310 EP_NO: N/A FS_HLM: 16.61 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Dense vegetation. FIELD_STRUCT_DESC: 12-inch steel pipe through the levee 3.5 feet below the crown. FS Date: 04/15/2014					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>16.42</b>	Rating **	M	Issue No.	<b>1197</b>
LM End	<b>16.42</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.982928 °	37.982928 °
				-121.251139 °	-121.251139 °
DWR ID					

**Action/Comments**  
 Inspector Comments: FS\_ID:40407  
 DS\_ID:24855  
 EP\_NO: N/A  
 FS\_HLM: 16.742  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: Needs cleaning and clearing of inlet and distribution box. Due to dense vegetation headwall and flapgate not visible. New field discovered entry. Also mentioned in PI report.  
 FIELD\_STRUCT\_DESC: 30-inch reinforced concrete drain pipe through the levee, about 9.0 ft. below the crown. Slide gate on concrete box on waterside shoulder. Flap gate on pipe end on waterside. U type concrete headwall on both sides of the levee.  
 FS Date: 04/15/2014

Photo 1 of 2 : UCIP\_FA\_2015\_5490.jpg



LS view: U type concrete headwall and concrete pipe on levee slope.

LM Start	<b>16.42</b>	Rating **	M	Issue No.	<b>1197 (cont)</b>
LM End	<b>16.42</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP\_FA\_2015\_5491.jpg



WS view: slide gate in a concrete box on levee shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>16.50</b>	Rating **	M	Issue No.	<b>160</b>
LM End	<b>16.50</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.983513 °	37.983513 °
				-121.252295 °	-121.252295 °
DWR ID	DWR_NA0017_15_f_2015_160				
Action/Comments					
Debris					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_160\_20151019\_00154.jpg



Debris was found on the landside of the levee.

LM Start	<b>16.56</b>	Rating **	M	Issue No.	<b>93</b>
LM End	<b>16.56</b>	Issue Type +	Ma	Location *	WS
Category	Concrete Floodwalls			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			37.983744 °	37.983744 °
				-121.253211 °	-121.253211 °
DWR ID	DWR_NA0017_15_s_2013_93				
Action/Comments					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_93\_20150911\_00062.jpg



The monolith joint material is deteriorating at the waterside shoulder of the levee looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>16.68</b>	Rating **	U	Issue No.	<b>1198</b>
LM End	<b>16.68</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.984621 °	37.984621 °
				-121.255303 °	-121.255303 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40409 DS_ID:23459 EP_NO: 12371 FS_HLM: 17.007 Repair Type: Urgent Crossing Status: Found UCIP Comments: Flap gate missing on waterside pipe end. Siphon breaker in CMP riser on waterside shoulder. FIELD_STRUCT_DESC: 2 of 2: Two 24-inch-diameter steel pipes through the levee 3.0 feet below the crown. Pump and sump area landward of the levee. Siphon breaker in CMP riser on waterside shoulder. Flap gate missing on waterside pipe end. (Permit No. 12371 - Cherokee Industrial Park Investors) FS Date: 04/15/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_3510.jpg



LS view: exposed steel pipes and pumps on landside.

LM Start	<b>16.68</b>	Rating **	U	Issue No.	<b>1198 (cont)</b>
LM End	<b>16.68</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_3511.jpg



WS view: outfall pipes on levee slope. Steel pipe with missing flap gate (right).

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>16.68</b>	Rating **	U	Issue No.	<b>1198 (cont)</b>
LM End	<b>16.68</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.984621 °	37.984621 °
				-121.255303 °	-121.255303 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40409 DS_ID:23459 EP_NO: 12371 FS_HLM: 17.007 Repair Type: Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_3512.jpg



Crown view: two steel pipes (right) on landside and siphon breakers (left) on crown. Flood wall along the levee on waterside.

LM Start	<b>16.90</b>	Rating **	M	Issue No.	<b>1048</b>
LM End	<b>17.36</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.986117 °	37.989236 °
				-121.258790 °	-121.266194 °
DWR ID	DWR_NA0017_15_s_2012_1048				
Action/Comments					
Ditch					

No Photos

LM Start	<b>17.44</b>	Rating **	M	Issue No.	<b>1199</b>
LM End	<b>17.44</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.989830 °	37.989830 °
				-121.267485 °	-121.267485 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39094 DS_ID:24963 EP_NO: N/A FS_HLM: 17.777 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine purpose for conduit. No permit identified for this crossing. FIELD_STRUCT_DESC: Delete, duplicate. FS Date: 05/07/2014					

Photo 1 of 1 : UCIP\_FA\_2015\_5815.jpg



Pipe visible on underside of upstream side of bridge.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>17.44</b>	Rating **	M	Issue No.	<b>1200</b>
LM End	<b>17.44</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.989878 °	37.989878 °
				-121.267455 °	-121.267455 °
DWR ID					

**Action/Comments**  
 Inspector Comments: FS\_ID:40410  
 DS\_ID:23180  
 EP\_NO: 16163  
 FS\_HLM: 17.777  
 Repair Type: Non-Urgent  
 Crossing Status: Indicator Found  
 UCIP Comments: Needs more info from LMA. A steel pipe riser found on waterside shoulder. A concrete manhole with steel plate cover found on landside shoulder.  
 FIELD\_STRUCT\_DESC: 12-inch-diameter steel water pipe through both levees and under stockton Diversion Canal. (Permit No. 16163 - California Water Service Company)  
 FS Date: 04/15/2014

LM Start	<b>17.44</b>	Rating **	M	Issue No.	<b>1200 (cont)</b>
LM End	<b>17.44</b>	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP\_FA\_2015\_3642.jpg



WS view: a steel pipe riser found on levee shoulder.

Photo 2 of 2 : UCIP\_FA\_2015\_3677.jpg



LS view: two manholes on road and a concrete manhole on levee shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>17.46</b>	Rating **	M	Issue No.	<b>48</b>
LM End	<b>17.72</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.990067 °	37.991645 °
				-121.267757 °	-121.271827 °
DWR ID	DWR_NA0017_15_s_2012_48				
Action/Comments					
Fence					

No Photos

LM Start	<b>17.66</b>	Rating **	M	Issue No.	<b>1201</b>
LM End	<b>17.66</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.991126 °	37.991126 °
				-121.271062 °	-121.271062 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:35183 DS_ID:23267 EP_NO: N/A FS_HLM: 17.998 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: CMP riser needs cleaning. FIELD_STRUCT_DESC: 30-inch pipe through the levee 13.0 feet below the crown. Concrete "U" headwall on the waterward side. CMP riser unit at the landward toe. O&M Manual SJR Assumed 999. FS Date: 04/15/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_3678.jpg



LS view: inside view of CMP riser on levee shoulder. It needs cleaning and clearing.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>17.66</b>	Rating **	M	Issue No.	<b>1201 (cont)</b>
LM End	<b>17.66</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.991126 °	37.991126 °
				-121.271062 °	-121.271062 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:35183 DS_ID:23267 EP_NO: N/A FS_HLM: 17.998 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: CMP riser needs cleaning. FIELD_STRUCT_DESC: 30-inch pipe through the levee 13.0 feet below the crown. Concrete "U" headwall on the waterward side. CMP riser unit at the landward toe. O&M Manual SJR Assumed 999. FS Date: 04/15/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_3679.jpg



LS view: CMP riser on levee shoulder.

LM Start	<b>17.66</b>	Rating **	M	Issue No.	<b>1201 (cont)</b>
LM End	<b>17.66</b>	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_3680.jpg



WS view: U type concrete headwall, CM pipe with flapgate, and concrete spillway on levee slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>17.70</b>	Rating **	M	Issue No.	<b>101</b>
LM End	<b>17.96</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.991404 °	37.993229 °
				-121.271659 °	-121.275715 °
DWR ID	DWR_NA0017_15_s_2012_101				
Action/Comments					
Ditch					

No Photos

LM Start	<b>18.17</b>	Rating **	M	Issue No.	<b>1202</b>
LM End	<b>18.17</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.994753 °	37.994753 °
				-121.278107 °	-121.278107 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:35203 DS_ID:23269 EP_NO: N/A FS_HLM: 18.512 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Slide gate handle missing. Vegetation on both inlet and outlet box. FIELD_STRUCT_DESC: 36-inch CM pipe through the levee 15.0 feet below the crown. Concrete "U" headwall on the both levee sides. Slide gate in CMP riser unit on the waterward slope. Flap gate on the waterward end. O&M Manual SJR Assumed 999. FS Date: 04/15/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_3847.jpg



WS view: U type concrete headwall, CM pipe with flapgate, and concrete spillway on levee slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	18.17	Rating **	M	Issue No.	1202 (cont)
LM End	18.17	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.994753 °	37.994753 °
				-121.278107 °	-121.278107 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:35203 DS_ID:23269 EP_NO: N/A FS_HLM: 18.512 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Slide gate handle missing. Vegetation on both inlet and outlet box. FIELD_STRUCT_DESC: 36-inch CM pipe through the levee 15.0 feet below the crown. Concrete "U" headwall on the both levee sides. Slide gate in CMP riser unit on the waterward slope. Flap gate on the waterward end. O&M Manual SJR Assumed 999. FS Date: 04/15/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_3848.jpg



WS view: slide gate in CMP riser on levee slope. Slide gate handle missing.

LM Start	18.17	Rating **	M	Issue No.	1202 (cont)
LM End	18.17	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_3849.jpg



LS view: U type concrete headwall and CM pipe on levee slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>18.30</b>	Rating **	M	Issue No.	<b>567</b>
LM End	<b>18.30</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.994859 °	37.994859 °
				-121.275862 °	-121.275862 °
DWR ID	DWR_NA0017_15_s_2012_567				
Action/Comments					
Equipment					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_567\_20150911\_00115.jpg



Equipment was found on the landside of the levee looking downstream.

LM Start	<b>18.39</b>	Rating **	M	Issue No.	<b>1203</b>
LM End	<b>18.39</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.995907 °	37.995907 °
				-121.274854 °	-121.274854 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40411 DS_ID:23271 EP_NO: N/A FS_HLM: 18.737 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned and if so should be done so properly. FIELD_STRUCT_DESC: Abandoned 14-inch concrete pipe through the levee 14.0 feet below the crown. 30-inch concrete standpipe with slide gate at the waterward toe. Pump and well on the berm. 24-inch concrete standpipe near pump. O&M Manual SJR Assumed 999. FS Date: 04/15/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_3850.jpg



LS view: no pipe or any appurtenances found.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>18.39</b>	Rating **	M	Issue No.	<b>1203 (cont)</b>
LM End	<b>18.39</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.995907 °	37.995907 °
				-121.274854 °	-121.274854 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40411 DS_ID:23271 EP_NO: N/A FS_HLM: 18.737 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned and if so should be done so properly. FIELD_STRUCT_DESC: Abandoned 14-inch concrete pipe through the levee 14.0 feet below the crown. 30-inch concrete standpipe with slide gate at the waterward toe. Pump and well on the berm. 24-inch concrete standpipe near pump. O&M Manual SJR Assumed 999. FS Date: 04/15/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_3868.jpg



WS view: abandoned pump on concrete pad on levee berm.

LM Start	<b>18.39</b>	Rating **	M	Issue No.	<b>1203 (cont)</b>
LM End	<b>18.39</b>	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_3869.jpg



WS view: concrete standpipe on levee berm.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>18.99</b>	Rating **	M	Issue No.	<b>131</b>
LM End	<b>18.99</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.999901 °	37.999901 °
				-121.271303 °	-121.271303 °
DWR ID	DWR_NA0017_15_s_2012_131				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	<b>19.49</b>	Rating **	M	Issue No.	<b>1052</b>
LM End	<b>19.51</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.995287 °	37.995215 °
				-121.277404 °	-121.277843 °
DWR ID	DWR_NA0017_15_s_2012_1052				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_1052\_20150911\_00125.jpg



View of landowner planted and maintained vegetation along the landward slope looking downstream.

LM Start	<b>19.59</b>	Rating **	M	Issue No.	<b>1054</b>
LM End	<b>19.68</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.994756 °	37.994729 °
				-121.279161 °	-121.280718 °
DWR ID	DWR_NA0017_15_s_2012_1054				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_1054\_20150911\_00126.jpg



View of landowner planted and maintained vegetation along the landward slope looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>19.62</b>	Rating **	U	Issue No.	<b>107</b>
LM End	<b>19.74</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.994671 °	37.994696 °	
			-121.279658 °	-121.281905 °	
DWR ID	DWR_NA0017_15_f_2012_107				
Action/Comments					
Fence Inspector Comments: City of Stockton placed this fence on the waterside shoulder of the levee.					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_107\_20150911\_00072.jpg



A fence was placed by the City of Stockton on the waterside shoulder of the levee looking downstream.

LM Start	<b>19.70</b>	Rating **	M	Issue No.	<b>1204</b>
LM End	<b>19.70</b>	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.994717 °	37.994717 °	
			-121.281074 °	-121.281074 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:35469 DS_ID:23484 EP_NO: 17925 FS_HLM: 19.877 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Missing check valve on outfall pipe end. FIELD_STRUCT_DESC: 4 of 4: Three 24-inch and one 12-inch steel discharge pipes through the levee, approx. 5 feet below the crown. Pump station on landside, outfall pipes with check valves on waterside. (App. No. 17925, 2005 - KB Homes). FS Date: 04/22/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_5637.jpg



LS view: exposed pipes and pump house on levee toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>19.70</b>	Rating **	M	Issue No.	<b>1204 (cont)</b>
LM End	<b>19.70</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.994717 °	37.994717 °
				-121.281074 °	-121.281074 °
DWR ID					

**Action/Comments**

Inspector Comments: FS\_ID:35469  
 DS\_ID:23484  
 EP\_NO: 17925  
 FS\_HLM: 19.877  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: Missing check valve on outfall pipe end.  
 FIELD\_STRUCT\_DESC: 4 of 4: Three 24-inch and one 12-inch steel discharge pipes through the levee, approx. 5 feet below the crown.  
 Pump station on landside, outfall pipes with check valves on waterside.  
 (App. No. 17925, 2005 - KB Homes).  
 FS Date: 04/22/2014

LM Start	<b>19.70</b>	Rating **	M	Issue No.	<b>1204 (cont)</b>
LM End	<b>19.70</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_5638.jpg



WS view: air relief valve in concrete box on levee shoulder.

Photo 3 of 3 : UCIP\_FA\_2015\_5639.jpg



WS view: three 24" and one 12" outfall steel pipes, concrete headwall, and spillway with concrete energy dissipators on levee toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>19.75</b>	Rating **	M	Issue No.	<b>1205</b>
LM End	<b>19.75</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.994657 °	37.994657 °
				-121.282027 °	-121.282027 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41903 DS_ID:23273 EP_NO: N/A FS_HLM: 19.93 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 1 of 1 : UCIP\_FA\_2015\_4014.jpg



LS view: A chlorine gas marker on "PG&E" house on landside.

LM Start	<b>19.99</b>	Rating **	N	Issue No.	<b>103</b>
LM End	<b>19.99</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.993578 °	37.993578 °
				-121.286165 °	-121.286165 °
DWR ID	DWR_NA0017_15_f_2013_103				
Action/Comments					
Tree stumps.					

No Photos

LM Start	<b>20.30</b>	Rating **	M	Issue No.	<b>1206</b>
LM End	<b>20.30</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.993334 °	37.993334 °
				-121.291542 °	-121.291542 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41950 DS_ID:24965 EP_NO: N/A FS_HLM: 20.482 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: Communication cable markers along downstream side of bridge. FS Date: 04/29/2014					

Photo 1 of 1 : UCIP\_FA\_2015\_6597.jpg



Communication line markers on WS. Viewed from Unit 16.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	20.58	Rating **	M	Issue No.	1207
LM End	20.58	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.992395 °	37.992395 °
				-121.296512 °	-121.296512 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40412 DS_ID:23279 EP_NO: 4583 FS_HLM: 20.763 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Half inlet opening buried into mud. Needs cleaning and clearing. Intake on storm drain ditch. Trash rack on inlet. FIELD_STRUCT_DESC: 24-inch concrete pipe through the levee 12.5 feet below the crown. Concrete headwall and flap gate on the waterward end. Concrete headwall with flashboard slats on the landward side. (App. No.4583 - San Joaquin Co. Public Works) O&M Manual SJR Assumed 999. FS Date: 05/22/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_3643.jpg



LS view: partially buried intake pipe with trash rack on levee toe. Needs cleaning and clearing.

LM Start	20.58	Rating **	M	Issue No.	1207 (cont)
LM End	20.58	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_5540.jpg



LS view: concrete headwall and intake with trash rack on drainage ditch.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>20.58</b>	Rating **	M	Issue No.	<b>1207 (cont)</b>
LM End	<b>20.58</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.992395 °	37.992395 °
				-121.296512 °	-121.296512 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40412 DS_ID:23279 EP_NO: 4583 FS_HLM: 20.763 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_5541.jpg



WS view: concrete headwall and CM outfall pipe with flapgate, and vegetation on spillway.

LM Start	<b>20.59</b>	Rating **	U	Issue No.	<b>52</b>
LM End	<b>20.70</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.992300 °	37.992008 °
				-121.296665 °	-121.298688 °
DWR ID	DWR_NA0017_15_s_2012_52				
Action/Comments					
Fence					

No Photos

LM Start	<b>20.70</b>	Rating **	U	Issue No.	<b>53</b>
LM End	<b>20.80</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.992015 °	37.992103 °
				-121.298692 °	-121.300505 °
DWR ID	DWR_NA0017_15_s_2012_53				
Action/Comments					
Building					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_53\_20150911\_00040.jpg



View of the buildings on the landside of the levee looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>20.84</b>	Rating **	U	Issue No.	<b>55</b>
LM End	<b>20.89</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.992163 °	37.992170 °
				-121.301308 °	-121.302212 °
DWR ID	DWR_NA0017_15_s_2012_55				
Action/Comments					
Fence					

No Photos

LM Start	<b>21.03</b>	Rating **	U	Issue No.	<b>1208</b>
LM End	<b>21.03</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.991479 °	37.991479 °
				-121.304506 °	-121.304506 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40413 DS_ID:23281 EP_NO: 2389 FS_HLM: 21.216 Repair Type: Urgent Crossing Status: Found UCIP Comments: Flapgate does not fully close. FIELD_STRUCT_DESC: 1 of 3: 16-inch steel pipe through the levee 4.6-feet below the crown. Flap gate on the waterward end. Siphon breakers in 42-inch concrete riser on the waterward shoulder. Pump house on the landward side. (Permit No. 2389 - City of Stockton). O&M Manual SJR Assumed 999. FS Date: 05/22/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_5542.jpg



LS view: pipes and pump house in pump station on levee toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>21.03</b>	Rating **	U	Issue No.	<b>1208 (cont)</b>
LM End	<b>21.03</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.991479 °	37.991479 °
				-121.304506 °	-121.304506 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40413 DS_ID:23281 EP_NO: 2389 FS_HLM: 21.216 Repair Type: Urgent Crossing Status: Found UCIP Comments: Flapgate does not fully close. FIELD_STRUCT_DESC: 1 of 3: 16-inch steel pipe through the levee 4.6-feet below the crown. Flap gate on the waterward end. Siphon breakers in 42-inch concrete riser on the waterward shoulder. Pump house on the landward side. (Permit No. 2389 - City of Stockton). O&M Manual SJR Assumed 999. FS Date: 05/22/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_5543.jpg



WS view: siphon breakers in concrete pipe risers on levee slope.

LM Start	<b>21.03</b>	Rating **	U	Issue No.	<b>1208 (cont)</b>
LM End	<b>21.03</b>	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_5544.jpg



WS view: three (one not visible) steel outfall pipes on channel bank.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>21.03</b>	Rating **	U	Issue No.	<b>1209</b>
LM End	<b>21.03</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.991470 °	37.991470 °
				-121.304522 °	-121.304522 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40414 DS_ID:23469 EP_NO: 2389 FS_HLM: 21.217 Repair Type: Urgent Crossing Status: Found					

Photo 1 of 2 : UCIP\_FA\_2015\_5545.jpg



WS view: three (one not visible) steel outfall pipes on channel bank.

LM Start	<b>21.03</b>	Rating **	U	Issue No.	<b>1209 (cont)</b>
LM End	<b>21.03</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP\_FA\_2015\_5546.jpg



WS view: siphon breakers in concrete pipe risers on levee slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>21.03</b>	Rating **	M	Issue No.	<b>1210</b>
LM End	<b>21.03</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.991458 °	37.991458 °
				-121.304543 °	-121.304543 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:35345 DS_ID:23470 EP_NO: 2389 FS_HLM: 21.219 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_5578.jpg



LS view: pipes and pump house in pump station on levee toe.

LM Start	<b>21.03</b>	Rating **	M	Issue No.	<b>1210 (cont)</b>
LM End	<b>21.03</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_5579.jpg



WS view: three (one not visible) steel outfall pipes on channel bank.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>21.03</b>	Rating **	M	Issue No.	<b>1210 (cont)</b>
LM End	<b>21.03</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.991458 °	37.991458 °
				-121.304543 °	-121.304543 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:35345 DS_ID:23470 EP_NO: 2389 FS_HLM: 21.219 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_5580.jpg



WS view: siphon breakers in concrete pipe risers on levee slope.

LM Start	<b>21.06</b>	Rating **	M	Issue No.	<b>1055</b>
LM End	<b>21.34</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.991146 °	37.987767 °
				-121.304981 °	-121.307575 °
DWR ID	DWR_NA0017_15_s_2012_1055				
Action/Comments					
Fence					

No Photos

LM Start	<b>21.25</b>	Rating **	M	Issue No.	<b>172</b>
LM End	<b>21.25</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.988969 °	37.988969 °
				-121.307009 °	-121.307009 °
DWR ID	DWR_NA0017_15_f_2015_172				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Runoff.					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_172\_20151019\_00155.jpg



Erosion was found on the landside of the levee looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>21.28</b>	Rating **	M	Issue No.	<b>1062</b>
LM End	<b>21.42</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.988543 °	37.986783 °
				-121.307211 °	-121.308158 °
DWR ID	DWR_NA0017_15_s_2012_1062				
Action/Comments					
Fence					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_1062\_20150911\_00127.jpg



View of fence along the landward toe looking downstream.

LM Start	<b>21.34</b>	Rating **	M	Issue No.	<b>56</b>
LM End	<b>21.54</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.987718 °	37.985250 °
				-121.307630 °	-121.309249 °
DWR ID	DWR_NA0017_15_s_2012_56				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_56\_20150911\_00042.jpg



View of landscaping along the landward slope and toe looking downstream.

LM Start	<b>21.43</b>	Rating **	C	Issue No.	<b>205</b>
LM End	<b>21.43</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.986658 °	37.986658 °
				-121.308232 °	-121.308232 °
DWR ID	DWR_NA0017_15_s_2015_205				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>21.60</b>	Rating **	M	Issue No.	<b>1211 (cont)</b>
LM End	<b>21.60</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.984656 °	37.984656 °
				-121.310032 °	-121.310032 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41543 DS_ID:24860 EP_NO: N/A FS_HLM: 21.792 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Field discovered conduits. FIELD_STRUCT_DESC: Two 6-inch galvanized iron pipes attached to the bridge and through the levee, 2 feet below the crown. FS Date: 04/29/2014					

Photo 2 of 2 : UCIP\_FA\_2015\_5630.jpg



WS view: two 6-inch GI pipes attached to the Pacific Avenue Bridge and through the levee.

LM Start	<b>21.91</b>	Rating **	A/W	Issue No.	<b>1065</b>
LM End	<b>21.91</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.981675 °	37.981675 °
				-121.314329 °	-121.314329 °
DWR ID	DWR_NA0017_15_s_2012_1065				
Action/Comments					
Landscaping Inspector Comments: Rose Bush					

Photo 1 of 4 : FA\_2015\_NA0017\_159\_1065\_20150911\_00129.jpg



Rose bushes were removed from the landside slope of the levee looking upstream. This picture was taken during spring 2015 inspection.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>21.91</b>	Rating **	A/W	Issue No.	<b>1065 (cont)</b>
LM End	<b>21.91</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.981675 °	37.981675 °
				-121.314329 °	-121.314329 °
DWR ID	DWR_NA0017_15_s_2012_1065				
Action/Comments					
Landscaping Inspector Comments: Rose Bush					

Photo 2 of 4 : FA\_2015\_NA0017\_159\_1065\_20150911\_00130.jpg



Rose bush was removed on the other side of the walkway on the landside slope of the levee looking upstream.

LM Start	<b>21.91</b>	Rating **	A/W	Issue No.	<b>1065 (cont)</b>
LM End	<b>21.91</b>	Issue Type +	En	Location *	LS

Photo 3 of 4 : FA\_2015\_NA0017\_159\_1065\_20150911\_00131.jpg



Few rose bush was found on the landside slope of the levee looking upstream during fall 2014 inspection.

LM Start	<b>21.91</b>	Rating **	A/W	Issue No.	<b>1065 (cont)</b>
LM End	<b>21.91</b>	Issue Type +	En	Location *	LS

Photo 4 of 4 : FA\_2015\_NA0017\_159\_1065\_20150911\_00132.jpg



View of landscaping maintained by UOP along the landward slope looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>21.96</b>	Rating **	M	Issue No.	<b>173</b>
LM End	<b>21.96</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		37.981147 °	37.981147 °	
			-121.315071 °	-121.315071 °	
DWR ID	DWR_NA0017_15_s_2012_173				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Runoff.					

Photo 1 of 2 : FA\_2015\_NA0017\_159\_173\_20151019\_00156.jpg



Updated picture of the erosion caused by run off on the landside slope of the levee looking downstream during fall 2015 inspection.

LM Start	<b>21.96</b>	Rating **	M	Issue No.	<b>173 (cont)</b>
LM End	<b>21.96</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA\_2015\_NA0017\_159\_173\_20150911\_00099.jpg



Erosion caused by run off on the landside slope of the levee looking downstream during spring 2013 inspection.

LM Start	<b>22.05</b>	Rating **	M	Issue No.	<b>57</b>
LM End	<b>22.11</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.980533 °	37.980285 °	
			-121.316473 °	-121.317410 °	
DWR ID	DWR_NA0017_15_s_2012_57				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_57\_20150911\_00043.jpg



View of landscaping along the landward toe of the levee looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>22.15</b>	Rating **	M	Issue No.	<b>95</b>
LM End	<b>22.16</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.979996 °	37.979969 °
				-121.318045 °	-121.318236 °
DWR ID	DWR_NA0017_15_s_2012_95				
Action/Comments					
Fence					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_95\_20150911\_00063.jpg



Fence located from LM 22.36 to LM 22.37 significantly encroaches onto landside levee slope.

LM Start	<b>22.24</b>	Rating **	M	Issue No.	<b>1212</b>
LM End	<b>22.24</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.980740 °	37.980740 °
				-121.319514 °	-121.319514 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:35470 DS_ID:23286 EP_NO: N/A FS_HLM: 22.443 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Only a manhole on waterside of the levee crown. Needs more info from the LMA. FIELD_STRUCT_DESC: Water main through the levee and under the channel. Size and depth unknown. A manhole on waterside of the levee crown. FS Date: 04/22/2014					

Photo 1 of 1 : UCIP\_FA\_2015\_5640.jpg



WS view: manhole with concrete cover on levee crown towards waterside.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>22.67</b>	Rating **	U	Issue No.	<b>1067</b>
LM End	<b>22.70</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.982270 °	37.982210 °	
			-121.327070 °	-121.327567 °	
DWR ID	DWR_NA0017_15_s_2012_1067				
Action/Comments					
Fence					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_1067\_20150911\_00133.jpg



View of a fence along the landward shoulder looking downstream.

LM Start	<b>22.79</b>	Rating **	M	Issue No.	<b>175</b>
LM End	<b>22.79</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.981721 °	37.981721 °	
			-121.329175 °	-121.329175 °	
DWR ID	DWR_NA0017_15_f_2015_175				
Action/Comments					
Debris					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_175\_20151019\_00157.jpg



Debris was found on the waterside of the levee.

LM Start	<b>23.34</b>	Rating **	M	Issue No.	<b>1068</b>
LM End	<b>23.50</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.980240 °	37.979757 °	
			-121.338605 °	-121.341113 °	
DWR ID	DWR_NA0017_15_s_2012_1068				
Action/Comments					
Fence Inspector Comments: Post & Cable Fence					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_1068\_20150911\_00134.jpg



View of a fence along landward shoulder looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>23.84</b>	Rating **	N	Issue No.	<b>176</b>
LM End	<b>23.84</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.976483 °	37.976483 °
				-121.345756 °	-121.345756 °
DWR ID	DWR_NA0017_15_s_2012_176				
Action/Comments					
Tree stumps.					

No Photos

LM Start	<b>24.00</b>	Rating **	A/W	Issue No.	<b>187</b>
LM End	<b>24.00</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Riprap Revetments			37.974858 °	37.974858 °
				-121.347718 °	-121.347718 °
DWR ID	DWR_NA0017_15_f_2012_187				
Action/Comments					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_187\_20150911\_00105.jpg



Revetment was placed by the LMA on the waterside slope of the levee looking downstream.

LM Start	<b>24.01</b>	Rating **	U	Issue No.	<b>1070</b>
LM End	<b>24.02</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.974670 °	37.974499 °
				-121.347822 °	-121.347919 °
DWR ID	DWR_NA0017_15_s_2012_1070				
Action/Comments					
Fence					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_1070\_20150911\_00135.jpg



View of fence along the landward shoulder looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>24.09</b>	Rating **	A	Issue No.	<b>177</b>
LM End	<b>24.09</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Riprap Revetments		37.974089 °	37.974089 °	
			-121.348807 °	-121.348807 °	
DWR ID	DWR_NA0017_15_f_2015_177				
Action/Comments					
Inspector Comments: LMA placed new riprap on the waterside slope of the levee.					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_177\_20151019\_00158.jpg



LMA placed new riprap on the waterside of the levee looking downstream.

LM Start	<b>24.18</b>	Rating **	A	Issue No.	<b>179</b>
LM End	<b>24.18</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Riprap Revetments		37.973938 °	37.973938 °	
			-121.350540 °	-121.350540 °	
DWR ID	DWR_NA0017_15_f_2015_179				
Action/Comments					
Inspector Comments: LMA placed new riprap on the waterside slope of the levee.					

No Photos

LM Start	<b>24.46</b>	Rating **	A/W	Issue No.	<b>1071</b>
LM End	<b>25.40</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.970707 °	37.967737 °	
			-121.353458 °	-121.368923 °	
DWR ID	DWR_NA0017_15_s_2012_1071				
Action/Comments					
Landscaping Inspector Comments: Landowner plantings, iceplant, etc. with irrigation systems. All of them have permits.					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_1071\_20150911\_00136.jpg



View of typical landowner planted and maintained landscaping and irrigation along the waterward shoulder and slope looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>24.47</b>	Rating **	A/W	Issue No.	<b>207</b>
LM End	<b>24.47</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.970646 °	37.970646 °	
			-121.353568 °	-121.353568 °	
DWR ID	DWR_NA0017_15_s_2015_207				
Action/Comments					
Building Inspector Comments: Docks are probably permitted under permit #16522.					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_207\_20150911\_00112.jpg



View of the docks on the waterside of the levee looking downstream.

LM Start	<b>24.65</b>	Rating **	A/W	Issue No.	<b>188</b>
LM End	<b>24.65</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Riprap Revetments		37.969095 °	37.969095 °	
			-121.356301 °	-121.356301 °	
DWR ID	DWR_NA0017_15_f_2012_188				
Action/Comments					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_188\_20150911\_00106.jpg



Revetments were placed by the LMA on the waterside slope of the levee looking downstream.

LM Start	<b>24.72</b>	Rating **	A/W	Issue No.	<b>162</b>
LM End	<b>24.72</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.968572 °	37.968572 °	
			-121.357318 °	-121.357318 °	
DWR ID	DWR_NA0017_15_s_2012_162				
Action/Comments					
Stairway Inspector Comments: This area is approved by permit #16522					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>24.72</b>	Rating **	A/W	Issue No.	<b>161</b>
LM End	<b>24.72</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.968570 °	37.968570 °	
			-121.357318 °	-121.357318 °	
DWR ID	DWR_NA0017_15_s_2012_161				
Action/Comments					
Stairway Inspector Comments: This area is approved by permit #16522					

No Photos

LM Start	<b>24.73</b>	Rating **	A/W	Issue No.	<b>164</b>
LM End	<b>24.73</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.968452 °	37.968452 °	
			-121.357534 °	-121.357534 °	
DWR ID	DWR_NA0017_15_s_2012_164				
Action/Comments					
Stairway Inspector Comments: This area is approved by permit #16905					

No Photos

LM Start	<b>24.73</b>	Rating **	A/W	Issue No.	<b>163</b>
LM End	<b>24.73</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.968451 °	37.968451 °	
			-121.357535 °	-121.357535 °	
DWR ID	DWR_NA0017_15_s_2012_163				
Action/Comments					
Stairway Inspector Comments: This area is approved by permit #16905					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>24.78</b>	Rating **	A/W	Issue No.	<b>165</b>
LM End	<b>24.78</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.968133 °	37.968133 °
				-121.358222 °	-121.358222 °
DWR ID	DWR_NA0017_15_s_2012_165				
Action/Comments					
Stairway Inspector Comments: This area is approved by permit #16905					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_165\_20150911\_00094.jpg



A stairway and a dock was found on the waterside slope of the levee looking downstream.

LM Start	<b>24.79</b>	Rating **	A/W	Issue No.	<b>167</b>
LM End	<b>24.79</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.968016 °	37.968016 °
				-121.358501 °	-121.358501 °
DWR ID	DWR_NA0017_15_s_2012_167				
Action/Comments					
Stairway Inspector Comments: This area is approved by permit #16905					

No Photos

LM Start	<b>24.81</b>	Rating **	A/W	Issue No.	<b>189</b>
LM End	<b>24.81</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Riprap Revetments			37.967943 °	37.967943 °
				-121.358711 °	-121.358711 °
DWR ID	DWR_NA0017_15_f_2012_189				
Action/Comments					

Photo 1 of 1 : FA\_2015\_NA0017\_159\_189\_20150911\_00107.jpg



Revetments were placed by the LMA on the waterside slope of the levee looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/02/2015 10/14/2015	Pavel Kazi

LM Start	<b>24.81</b>	Rating **	A/W	Issue No.	<b>168</b>
LM End	<b>24.81</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.967921 °	37.967921 °	
			-121.358753 °	-121.358753 °	
DWR ID	DWR_NA0017_15_s_2012_168				
Action/Comments					
Stairway Inspector Comments: This area is approved by permit #16905-A					

No Photos

LM Start	<b>24.86</b>	Rating **	A/W	Issue No.	<b>169</b>
LM End	<b>24.86</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.967730 °	37.967730 °	
			-121.359759 °	-121.359759 °	
DWR ID	DWR_NA0017_15_s_2012_169				
Action/Comments					
Stairway Inspector Comments: This area is approved by permit #16905-A					

No Photos

LM Start	<b>24.92</b>	Rating **	A/W	Issue No.	<b>170</b>
LM End	<b>25.38</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.967911 °	37.967626 °	
			-121.360697 °	-121.368644 °	
DWR ID	DWR_NA0017_15_s_2012_170				
Action/Comments					
Stairway Inspector Comments: This area is approved by permit #16905-A					

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**

**Unit Cover Sheet**

**Fall 2015 Levee Inspection Results**

**San Joaquin County Flood Control and Water Conservation District**

Waterway		Bank	Unit Miles	
Unit No. 16 Mormon Slough		Left	23.48	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	05/01/2015 - 05/04/2015		10/15/2015 - 10/22/2015	
DWR Inspector	Pavel Kazi		Pavel Kazi	
Accompanied By	Jay Jauregui SJCF&WCD		Jay Jauregui SJCF&WCD	

**Summer & Winter Inspections**

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

DWR must be informed on the:

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

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

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

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

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

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>793</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	WS
Category	Rivers, Channels & Designated Floodways		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation & Obstructions		38.055298 °	38.055298 °	
			-121.000460 °	-121.000460 °	
DWR ID	DWR_NA0017_16_f_2013_793				
Action/Comments					
Inspector Comments: This is in a small section of the upper Calaveras River, above Escallon-Bellota Road. The county has a small section that we maintain above the weir. A large tree fell into the channel; the root ball was over 15 feet in diameter. We worked with Stockton East and their divers to remove most of the tree from the channel. Some of the tree remains in the channel because of it being too heavy (water-logged) to remove at this time. Crews plan to go back to remove it when the water goes down.					

No Photos

LM Start	<b>0.00</b>	Rating **	A/W	Issue No.	<b>193</b>
LM End	<b>11.14</b>	Issue Type +	En	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.050918 °	37.960280 °	
			-121.012115 °	-121.164353 °	
DWR ID	DWR_NA0017_16_f_2013_193				
Action/Comments					
Material Inspector Comments: This portion of the unit contains a non-project levee and access road. Accordingly, the only issues rated along this stretch affect access and the ability to inspect the channel. Other issues found have been rated "A/W."					

No Photos

LM Start	<b>0.11</b>	Rating **	U	Issue No.	<b>82</b>
LM End	<b>0.47</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR Erosion Survey		38.048159 °	38.048159 °	
			-121.016427 °	-121.016427 °	
DWR ID					
Action/Comments					
Inspector Comments: 8/12/2015: The erosion progressed at the site. Newly collapsed material is observed at the bottom of the erosion. 8/20/2014: The erosion at the site has worsened. The erosion increased in both length and in height. 09/12/2013: Site has been visited and signs of new erosion are visible. 08/22/2012: The erosion was surveyed and documented for monitoring purpose. There is no levee structure on the site, only high ground protecting the land behind. The levee crest width and levee height were not measured or estimated in the field. [2015 Site ID:NA0017U16RM23.35]					

Photo 1 of 3 : SJR2015\_NA0017U16RM23.35\_10.jpg



Close view of the erosion.

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



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>0.26</b>	Rating **	M	Issue No.	<b>794</b>
LM End	<b>0.26</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.048351 °	38.048351 °
				-121.015919 °	-121.015919 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:35483 DS_ID:23313 EP_NO: 6637 FS_HLM: 0.27 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 1 of 3 : UCIP\_FA\_2015\_5403.jpg



Vent, butterfly valve, siphon breaker, and filter on WS at pump.

LM Start	<b>0.26</b>	Rating **	M	Issue No.	<b>794 (cont)</b>
LM End	<b>0.26</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_5404.jpg



Meter and electrical panel on 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**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>0.26</b>	Rating **	M	Issue No.	<b>794 (cont)</b>
LM End	<b>0.26</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.048351 °	38.048351 °
				-121.015919 °	-121.015919 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:35483 DS_ID:23313 EP_NO: 6637 FS_HLM: 0.27 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP\_FA\_2015\_5405.jpg



Pump over sump with concrete standpipe on WS of "levee"

LM Start	<b>0.43</b>	Rating **	M	Issue No.	<b>795</b>
LM End	<b>0.43</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.047290 °	38.047290 °
				-121.018619 °	-121.018619 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:35484 DS_ID:23314 EP_NO: N/A FS_HLM: 0.44 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Pipe in non-project levee area. Pipe appears to abandoned and if so should be verified has having been removed properly. FIELD_STRUCT_DESC: 14-inch concrete pipe 3.5 feet below the roadway. Pump house removed from the waterward side. 36-inch standpipe on the waterward side. 8-inch intake pipe to standpipe. O&M Manual SJR 611.1 Vol. F. FS Date: 04/24/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_5406.jpg



Suction pipe visible on stream bank.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>0.43</b>	Rating **	M	Issue No.	<b>795 (cont)</b>
LM End	<b>0.43</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.047290 °	38.047290 °
				-121.018619 °	-121.018619 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:35484 DS_ID:23314 EP_NO: N/A FS_HLM: 0.44 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Pipe in non-project levee area. Pipe appears to abandoned and if so should be verified has having been removed properly. FIELD_STRUCT_DESC: 14-inch concrete pipe 3.5 feet below the roadway. Pump house removed from the waterward side. 36-inch standpipe on the waterward side. 8-inch intake pipe to standpipe. O&M Manual SJR 611.1 Vol. F. FS Date: 04/24/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_5407.jpg



Old pumphouse pad and 42-inch concrete standpipe visible on WS shoulder.

LM Start	<b>0.43</b>	Rating **	M	Issue No.	<b>795 (cont)</b>
LM End	<b>0.43</b>	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_FA\_2015\_5408.jpg



Old pumphouse pad visible on WS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>0.43</b>	Rating **	M	Issue No.	<b>796</b>
LM End	<b>0.43</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.047315 °	38.047315 °
				-121.018689 °	-121.018689 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39000 DS_ID:24912 EP_NO: N/A FS_HLM: 0.444 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 2 : UCIP\_FA\_2015\_5987.jpg



Pipe visible on ground between standpipe and concrete pad at WS shoulder.

LM Start	<b>0.43</b>	Rating **	M	Issue No.	<b>796 (cont)</b>
LM End	<b>0.43</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP\_FA\_2015\_5988.jpg



Pipe visible on ground between standpipe and concrete pad at WS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>0.43</b>	Rating **	M	Issue No.	<b>797</b>
LM End	<b>0.43</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.047310 °	38.047310 °
				-121.018705 °	-121.018705 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41675 DS_ID:24915 EP_NO: N/A FS_HLM: 0.445 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_6049.jpg



Pipe and shutoff valve next to tank on WS shoulder.

LM Start	<b>0.43</b>	Rating **	M	Issue No.	<b>797 (cont)</b>
LM End	<b>0.43</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_6050.jpg



Possible alignment of pipe on LS shoulder.

LM Start	<b>0.43</b>	Rating **	M	Issue No.	<b>797 (cont)</b>
LM End	<b>0.43</b>	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_FA\_2015\_6051.jpg



Pipe and shutoff valve next to tank on WS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>0.43</b>	Rating **	M	Issue No.	<b>798</b>
LM End	<b>0.43</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.047309 °	38.047309 °
				-121.018708 °	-121.018708 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41676 DS_ID:24919 EP_NO: N/A FS_HLM: 0.445 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_6046.jpg



Pipe and shutoff valve next to tank on WS shoulder.

LM Start	<b>0.43</b>	Rating **	M	Issue No.	<b>798 (cont)</b>
LM End	<b>0.43</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_6047.jpg



Likely alignment on WS shoulder.

LM Start	<b>0.43</b>	Rating **	M	Issue No.	<b>798 (cont)</b>
LM End	<b>0.43</b>	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_FA\_2015\_6048.jpg



Pipe and shutoff valve next to tank on WS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>0.52</b>	Rating **	U	Issue No.	<b>99</b>
LM End	<b>0.52</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.046569 °	38.046569 °	
			-121.020075 °	-121.020075 °	
DWR ID	DWR_NA0017_16_s_2012_99				
Action/Comments					
Building					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_99\_20150911\_00049.jpg



A building was located on the waterside shoulder of the levee looking upstream.

LM Start	<b>0.67</b>	Rating **	N	Issue No.	<b>216</b>
LM End	<b>0.67</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.045610 °	38.045610 °	
			-121.022607 °	-121.022607 °	
DWR ID	DWR_NA0017_16_s_2012_216				
Action/Comments					
Tree stumps.					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>0.70</b>	Rating **	M	Issue No.	<b>799</b>
LM End	<b>0.70</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.045480 °	38.045480 °
				-121.022988 °	-121.022988 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:41633 DS_ID:24929 EP_NO: N/A FS_HLM: 0.72 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and rusted through. Pipe should be abandoned properly. FIELD_STRUCT_DESC: 12-inch steel irrigation pipe through the levee 6-inches below the crown. Pipe visible on WS slope. FS Date: 04/24/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_6052.jpg



Abandoned pipe visible on WS slope.

LM Start	<b>0.70</b>	Rating **	M	Issue No.	<b>799 (cont)</b>
LM End	<b>0.70</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP\_FA\_2015\_6053.jpg



Abandoned pipe visible on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>0.77</b>	Rating **	M	Issue No.	<b>268</b>
LM End	<b>0.77</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.044767 °	38.044767 °
				-121.023948 °	-121.023948 °
DWR ID	DWR_NA0017_16_f_2014_268				
Action/Comments					
Crops Inspector Comments: Newly planted trees.					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_268\_20150911\_00151.jpg



Newly planted trees were found on the waterside shoulder of the levee looking upstream.

LM Start	<b>0.78</b>	Rating **	M	Issue No.	<b>800</b>
LM End	<b>0.78</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.044590 °	38.044590 °
				-121.024097 °	-121.024097 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41358 DS_ID:24930 EP_NO: N/A FS_HLM: 0.81 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for crossing. FIELD_STRUCT_DESC: 6-inch PVC stormdrain pipe through the levee 1-foot below the crown. Pipe open on both ends. FS Date: 04/24/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_6054.jpg



Pipe on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>0.78</b>	Rating **	M	Issue No.	<b>800 (cont)</b>
LM End	<b>0.78</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.044590 °	38.044590 °
				-121.024097 °	-121.024097 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41358 DS_ID:24930 EP_NO: N/A FS_HLM: 0.81 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for crossing. FIELD_STRUCT_DESC: 6-inch PVC stormdrain pipe through the levee 1-foot below the crown. Pipe open on both ends. FS Date: 04/24/2014					

Photo 2 of 2 : UCIP\_FA\_2015\_6055.jpg



Pipe and makeshift headwall on LS shoulder.

LM Start	<b>0.80</b>	Rating **	M	Issue No.	<b>72</b>
LM End	<b>0.80</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.044366 °	38.044366 °
				-121.024280 °	-121.024280 °
DWR ID	DWR_NA0017_16_s_2012_72				
Action/Comments					
Equipment					

No Photos

LM Start	<b>0.81</b>	Rating **	M	Issue No.	<b>179</b>
LM End	<b>0.86</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.044312 °	38.043691 °
				-121.024377 °	-121.024946 °
DWR ID	DWR_NA0017_16_s_2012_179				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_179\_20150911\_00110.jpg



View of landowner maintained landscaping on waterward side looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>0.82</b>	Rating **	M	Issue No.	<b>801</b>
LM End	<b>0.82</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.044134 °	38.044134 °
				-121.024526 °	-121.024526 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:41677 DS_ID:24932 EP_NO: N/A FS_HLM: 0.851 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for crossing. FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through the levee 6-inches below the crown. Butterfly valve on LS with pump in pumphouse. This pipe likely pumps irrigation water from a well and dumps it into Mormon Slough. FS Date: 04/24/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6056.jpg



Pipe and butterfly valve on LS shoulder.

Photo 2 of 3 : UCIP\_FA\_2015\_6057.jpg



Pipe visible on LS shoulder at pumphouse.

LM Start	<b>0.82</b>	Rating **	M	Issue No.	<b>801 (cont)</b>
LM End	<b>0.82</b>	Issue Type +	En	Location *	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**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>0.82</b>	Rating **	M	Issue No.	<b>801 (cont)</b>
LM End	<b>0.82</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.044134 °	38.044134 °
				-121.024526 °	-121.024526 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41677 DS_ID:24932 EP_NO: N/A FS_HLM: 0.851 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_6058.jpg



Pipe visible on WS slope.

LM Start	<b>0.83</b>	Rating **	M	Issue No.	<b>802</b>
LM End	<b>0.83</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.044072 °	38.044072 °
				-121.024608 °	-121.024608 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41678 DS_ID:24933 EP_NO: N/A FS_HLM: 0.858 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for crossing. FIELD_STRUCT_DESC: 12-inch PVC irrigation pipe through the levee at unknown depth. Slant pump on WS slope with vent and filter on WS shoulder. 1.5-inch galvanized iron electrical conduit 8-feet upstream from pipe crossing. Meter in 16-inch PVC standpipe on LS shoulder. FS Date: 04/24/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6059.jpg



Water meter in 16-inch PVC standpipe on LS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>0.83</b>	Rating **	M	Issue No.	<b>802 (cont)</b>
LM End	<b>0.83</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.044072 °	38.044072 °
				-121.024608 °	-121.024608 °
DWR ID					

**Action/Comments**

Inspector Comments: FS\_ID:41678  
 DS\_ID:24933  
 EP\_NO: N/A  
 FS\_HLM: 0.858  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: No permit identified for crossing.  
 FIELD\_STRUCT\_DESC: 12-inch PVC irrigation pipe through the levee at unknown depth. Slant pump on WS slope with vent and filter on WS shoulder. 1.5-inch galvanized iron electrical conduit 8-feet upstream from pipe crossing. Meter in 16-inch PVC standpipe on LS shoulder.  
 FS Date: 04/24/2014

LM Start	<b>0.83</b>	Rating **	M	Issue No.	<b>802 (cont)</b>
LM End	<b>0.83</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_6060.jpg



PVC pipe visible at outlet from filter on WS shoulder.

Photo 3 of 3 : UCIP\_FA\_2015\_6061.jpg



Slant pump on WS slope. Note erosion under pump.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>0.90</b>	Rating **	M	Issue No.	<b>231</b>
LM End	<b>1.13</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.043248 °	38.040595 °
				-121.025309 °	-121.027945 °
DWR ID	DWR_NA0017_16_f_2015_231				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	<b>0.93</b>	Rating **	M	Issue No.	<b>803</b>
LM End	<b>0.93</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.042816 °	38.042816 °
				-121.025626 °	-121.025626 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:35506 DS_ID:23316 EP_NO: N/A FS_HLM: 0.963 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Pipe in non-project levee area. Pipe appears to be abandoned and should be verified as having been done so properly. FIELD_STRUCT_DESC: 1 of 2: 12-inch concrete pipes 12.0 feet below the roadway. 8-inch intake pipe visible on WS slope next to concrete headwall. O&M Manual SJR 611.1 Vol. F. FS Date: 04/24/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_5547.jpg



Concrete headwall and 8-inch intake pipe visible on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>0.93</b>	Rating **	M	Issue No.	<b>803 (cont)</b>
LM End	<b>0.93</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.042816 °	38.042816 °
				-121.025626 °	-121.025626 °
DWR ID					

**Action/Comments**  
 Inspector Comments: FS\_ID:35506  
 DS\_ID:23316  
 EP\_NO: N/A  
 FS\_HLM: 0.963  
 Repair Type: Non-Urgent  
 Crossing Status: Indicator Found  
 UCIP Comments: Pipe in non-project levee area. Pipe appears to be abandoned and should be verified as having been done so properly.  
 FIELD\_STRUCT\_DESC: 1 of 2: 12-inch concrete pipes 12.0 feet below the roadway. 8-inch intake pipe visible on WS slope next to concrete headwall. O&M Manual SJR 611.1 Vol. F.  
 FS Date: 04/24/2014

LM Start	<b>0.93</b>	Rating **	M	Issue No.	<b>803 (cont)</b>
LM End	<b>0.93</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_5548.jpg



Concrete headwall visible on WS slope.

Photo 3 of 3 : UCIP\_FA\_2015\_5549.jpg



8-inch intake pipe visible on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>0.93</b>	Rating **	M	Issue No.	<b>804</b>
LM End	<b>0.93</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.042816 °	38.042816 °
				-121.025627 °	-121.025627 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:35505 DS_ID:23485 EP_NO: N/A FS_HLM: 0.963 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 1 of 3 : UCIP\_FA\_2015\_5478.jpg



Concrete headwall and 8-inch intake pipe visible on WS slope.

LM Start	<b>0.93</b>	Rating **	M	Issue No.	<b>804 (cont)</b>
LM End	<b>0.93</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_5479.jpg



Concrete headwall visible on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>0.93</b>	Rating **	M	Issue No.	<b>804 (cont)</b>
LM End	<b>0.93</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.042816 °	38.042816 °
				-121.025627 °	-121.025627 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:35505 DS_ID:23485 EP_NO: N/A FS_HLM: 0.963 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP\_FA\_2015\_5526.jpg



8-inch intake pipe visible on WS slope.

LM Start	<b>1.10</b>	Rating **	M	Issue No.	<b>805</b>
LM End	<b>1.10</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.040831 °	38.040831 °
				-121.027540 °	-121.027540 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41532 DS_ID:24935 EP_NO: N/A FS_HLM: 1.142 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned. FIELD_STRUCT_DESC: 1.5-inch PVC electrical conduit through the levee 1-foot below the crown. FS Date: 04/24/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6062.jpg



Conduit visible on WS slope/shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	1.10	Rating **	M	Issue No.	805 (cont)
LM End	1.10	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.040831 °	38.040831 °
				-121.027540 °	-121.027540 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:41532 DS_ID:24935 EP_NO: N/A FS_HLM: 1.142 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned. FIELD_STRUCT_DESC: 1.5-inch PVC electrical conduit through the levee 1-foot below the crown. FS Date: 04/24/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_6069.jpg



Pipe visible at center of roadway on crown.

LM Start	1.10	Rating **	M	Issue No.	805 (cont)
LM End	1.10	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_FA\_2015\_6070.jpg



Conduit visible on WS slope/shoulder.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>1.11</b>	Rating **	M	Issue No.	<b>806</b>
LM End	<b>1.11</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.040790 °	38.040790 °
				-121.027574 °	-121.027574 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41372 DS_ID:23317 EP_NO: N/A FS_HLM: 1.142 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 2 : UCIP\_FA\_2015\_5550.jpg



Pipe next to stairway on WS slope.

LM Start	<b>1.11</b>	Rating **	M	Issue No.	<b>806 (cont)</b>
LM End	<b>1.11</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP\_FA\_2015\_5551.jpg



Pipe with missing flaggate on LS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>1.12</b>	Rating **	M	Issue No.	<b>63</b>
LM End	<b>1.12</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.040628 °	38.040628 °
				-121.027792 °	-121.027792 °
DWR ID	DWR_NA0017_16_s_2012_63				
Action/Comments					
Pole					

No Photos

LM Start	<b>1.13</b>	Rating **	M	Issue No.	<b>807</b>
LM End	<b>1.13</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.040616 °	38.040616 °
				-121.027866 °	-121.027866 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:35524 DS_ID:23318 EP_NO: N/A FS_HLM: 1.159 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Pipe in non-project levee area. Pipe appears abandoned and if so should be verified as having been done so properly. FIELD_STRUCT_DESC: 12-inch concrete pipe 4.0 feet below the roadway. Pump on the waterward slope. 8-inch intake pipe to 30-inch concrete standpipe on the waterward side. O&M Manual SJR 611.1 Vol. F. FS Date: 04/24/2014					

Photo 1 of 1 : UCIP\_FA\_2015\_5552.jpg



30-inch concrete standpipe on WS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>1.38</b>	Rating **	M	Issue No.	<b>232</b>
LM End	<b>1.38</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.039618 °	38.039618 °
				-121.032266 °	-121.032266 °
DWR ID	DWR_NA0017_16_f_2015_232				
Action/Comments					
Prunings					

No Photos

LM Start	<b>1.47</b>	Rating **	M	Issue No.	<b>808</b>
LM End	<b>1.47</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.039581 °	38.039581 °
				-121.033895 °	-121.033895 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41679 DS_ID:24937 EP_NO: N/A FS_HLM: 1.516 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for crossing. FIELD_STRUCT_DESC: 10-inch PVC pipe through the levee at an unknown depth below the crown. Pump and filter on WS slope. FS Date: 04/24/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6071.jpg



Pump, pipe, vent, and filter on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>1.47</b>	Rating **	M	Issue No.	<b>808 (cont)</b>
LM End	<b>1.47</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.039581 °	38.039581 °
				-121.033895 °	-121.033895 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41679 DS_ID:24937 EP_NO: N/A FS_HLM: 1.516 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for crossing. FIELD_STRUCT_DESC: 10-inch PVC pipe through the levee at an unknown depth below the crown. Pump and filter on WS slope. FS Date: 04/24/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_6072.jpg



Pump on pad at WS slope.

LM Start	<b>1.47</b>	Rating **	M	Issue No.	<b>808 (cont)</b>
LM End	<b>1.47</b>	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_FA\_2015\_6073.jpg



Pipe visible under filter on WS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>1.47</b>	Rating **	M	Issue No.	<b>809</b>
LM End	<b>1.47</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.039582 °	38.039582 °
				-121.033945 °	-121.033945 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:35525 DS_ID:23319 EP_NO: N/A FS_HLM: 1.518 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 2 : UCIP\_FA\_2015\_5553.jpg



Repurposed pump pad now directs water to 10-inch PVC crossing.

LM Start	<b>1.47</b>	Rating **	M	Issue No.	<b>809 (cont)</b>
LM End	<b>1.47</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP\_FA\_2015\_5554.jpg



Inside concrete standpipe on WS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>1.63</b>	Rating **	M	Issue No.	<b>810</b>
LM End	<b>1.63</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.038917 °	38.038917 °
				-121.036745 °	-121.036745 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41631 DS_ID:23320 EP_NO: N/A FS_HLM: 1.686 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 1 : UCIP\_FA\_2015\_5555.jpg



Pump, concrete pad, filter, vent, and pipe visible on WS slope.

LM Start	<b>1.75</b>	Rating **	M	Issue No.	<b>76</b>
LM End	<b>1.76</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.038080 °	38.038080 °
				-121.038676 °	-121.038676 °
DWR ID					
Action/Comments					
Inspector Comments: 8/12/2015: No significant change observed. 8/20/2014: No significant change observed. 9/12/2013: No significant change observed. 08/22/2012: The erosion is covered by dense vegetation. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2015 Site ID:NA0017U16RM21.95]					

Photo 1 of 3 : SJR2015\_NA0017U16RM21.95\_1.jpg



Front view of the erosion site.

LM Start	<b>1.75</b>	Rating **	M	Issue No.	<b>76 (cont)</b>
LM End	<b>1.76</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : SJR2015\_NA0017U16RM21.95\_3.jpg



Close view of the erosion.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>1.75</b>	Rating **	M	Issue No.	<b>76 (cont)</b>
LM End	<b>1.76</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.038080 °	38.038080 °
				-121.038676 °	-121.038676 °
DWR ID					
Action/Comments					
Inspector Comments: 8/12/2015: No significant change observed. 8/20/2014: No significant change observed. 9/12/2013: No significant change observed. 08/22/2012: The erosion is covered by dense vegetation. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2015 Site ID:NA0017U16RM21.95]					

Photo 3 of 3 : SJR2015\_NA0017U16RM21.95\_5.jpg



Close view of the erosion.

LM Start	<b>1.77</b>	Rating **	M	Issue No.	<b>75</b>
LM End	<b>1.78</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.037906 °	38.037906 °
				-121.038949 °	-121.038949 °
DWR ID					
Action/Comments					
Inspector Comments: 8/12/2015: No significant change observed. 8/20/2014: No significant change observed 9/12/2013: No significant change observed. 08/22/2012: Site is covered by dense vegetation. Berm width is estimated as 5 ft. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2015 Site ID:NA0017U16RM21.94]					

Photo 1 of 3 : SJR2015\_NA0017U16RM21.94\_1.jpg



Looking at the erosion from right river bank.

LM Start	<b>1.77</b>	Rating **	M	Issue No.	<b>75 (cont)</b>
LM End	<b>1.78</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : SJR2015\_NA0017U16RM21.94\_2.jpg



Front view of the erosion.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>1.77</b>	Rating **	M	Issue No.	<b>75 (cont)</b>
LM End	<b>1.78</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.037906 °	38.037906 °
				-121.038949 °	-121.038949 °
DWR ID					
Action/Comments					
Inspector Comments: 8/12/2015: No significant change observed. 8/20/2014: No significant change observed 9/12/2013: No significant change observed. 08/22/2012: Site is covered by dense vegetation. Berm width is estimated as 5 ft. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field.					

Photo 3 of 3 : SJR2015\_NA0017U16RM21.94\_4.jpg



Close view of the erosion. Note the dense vegetation.

LM Start	<b>1.89</b>	Rating **	M	Issue No.	<b>58</b>
LM End	<b>1.89</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.036528 °	38.036528 °
				-121.040143 °	-121.040143 °
DWR ID	DWR_NA0017_16_s_2012_58				
Action/Comments					
Pole					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>1.89</b>	Rating **	M	Issue No.	<b>811</b>
LM End	<b>1.89</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.036520 °	38.036520 °
				-121.040155 °	-121.040155 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:35543 DS_ID:23321 EP_NO: N/A FS_HLM: 1.949 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned and if so should be done so properly. Pipe in non-project levee area. FIELD_STRUCT_DESC: 12-inch concrete irrigation pipe 3.0-feet below the roadway. Pump with 9-inch intake pipe on waterward slope. 4. 5-foot by 4.5 -foot concrete distribution box on the waterward side. Pump mounted over well with 9-inch intake pipe to distribution box on waterward side. 8-inch concrete standpipe on WS shoulder. O&M Manual SJR 611.1 Vol. F. FS Date: 04/24/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_5556.jpg



Pump re-routed for new crossing.

LM Start	<b>1.89</b>	Rating **	M	Issue No.	<b>811 (cont)</b>
LM End	<b>1.89</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_5557.jpg



Inside concrete distribution box on WS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>1.89</b>	Rating **	M	Issue No.	<b>811 (cont)</b>
LM End	<b>1.89</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.036520 °	38.036520 °
				-121.040155 °	-121.040155 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:35543 DS_ID:23321 EP_NO: N/A FS_HLM: 1.949 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_5558.jpg



Pump, concrete distribution box, and 8-inch standpipe visible on WS shoulder.

LM Start	<b>1.89</b>	Rating **	M	Issue No.	<b>13</b>
LM End	<b>1.89</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.036468 °	38.036468 °
				-121.040187 °	-121.040187 °
DWR ID	DWR_NA0017_16_s_2013_13				
Action/Comments					
Prunings					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_13\_20150911\_00005.jpg



Prunings were found on the waterside shoulder of the levee looking downstream.

LM Start	<b>1.91</b>	Rating **	M	Issue No.	<b>155</b>
LM End	<b>1.91</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.036248 °	38.036248 °
				-121.040408 °	-121.040408 °
DWR ID	DWR_NA0017_16_f_2013_155				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_155\_20150911\_00087.jpg



Erosion was found on the waterside of the levee looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>2.00</b>	Rating **	M	Issue No.	<b>85</b>
LM End	<b>2.00</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.035118 °	38.035118 °
				-121.041227 °	-121.041227 °
DWR ID	DWR_NA0017_16_s_2012_85				
Action/Comments					
Prunings					

No Photos

LM Start	<b>2.30</b>	Rating **	U	Issue No.	<b>70</b>
LM End	<b>2.31</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.032202 °	38.032202 °
				-121.045226 °	-121.045226 °
DWR ID					
Action/Comments					
Inspector Comments: 8/12/2015: No significant change observed. 8/20/2014: No significant change has been observed. 9/12/2013: No significant change observed. 08/22/2012: The erosion was first reported in the 2012 spring levee inspection report. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2015 Site ID:NA0017U16RM20.62]					

Photo 1 of 3 : SJR2015\_NA0017U16RM20.62\_1.jpg



Front view of the site.

LM Start	<b>2.30</b>	Rating **	U	Issue No.	<b>70 (cont)</b>
LM End	<b>2.31</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : SJR2015\_NA0017U16RM20.62\_2.jpg



Close view of the erosion. Note the vegetation at the site.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>2.30</b>	Rating **	U	Issue No.	<b>70 (cont)</b>
LM End	<b>2.31</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.032202 °	38.032202 °
				-121.045226 °	-121.045226 °
DWR ID					
Action/Comments					
Inspector Comments: 8/12/2015: No significant change observed. 8/20/2014: No significant change has been observed. 9/12/2013: No significant change observed. 08/22/2012: The erosion was first reported in the 2012 spring levee inspection report. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field.					

Photo 3 of 3 : SJR2015\_NA0017U16RM20.62\_5.jpg



Close view of the site.

LM Start	<b>2.35</b>	Rating **	M	Issue No.	<b>213</b>
LM End	<b>2.35</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.031763 °	38.031763 °
				-121.045808 °	-121.045808 °
DWR ID	DWR_NA0017_16_f_2012_213				
Action/Comments					
Repair slope instability.					

Photo 1 of 2 : FA\_2015\_NA0017\_160\_213\_20150911\_00127.jpg



Updated picture of the slope instability on the waterside shoulder of the levee looking upstream.

LM Start	<b>2.35</b>	Rating **	M	Issue No.	<b>213 (cont)</b>
LM End	<b>2.35</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA\_2015\_NA0017\_160\_213\_20150911\_00128.jpg



Slope instability was found on the waterside of the levee looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>2.36</b>	Rating **	M	Issue No.	<b>233</b>
LM End	<b>2.36</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.031654 °	38.031654 °	
			-121.045925 °	-121.045925 °	
DWR ID	DWR_NA0017_16_f_2015_233				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_233\_20151023\_00163.jpg



A rodent hole was found on the waterside of the levee.

LM Start	<b>2.38</b>	Rating **	M	Issue No.	<b>234</b>
LM End	<b>2.38</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Crown Surface / Depressions / Rutting		38.031361 °	38.031361 °	
			-121.046214 °	-121.046214 °	
DWR ID	DWR_NA0017_16_f_2015_234				
Action/Comments					
Add appropriate gravel or road base. Grade and compact.					

No Photos

LM Start	<b>2.40</b>	Rating **	M	Issue No.	<b>55</b>
LM End	<b>2.40</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.031116 °	38.031116 °	
			-121.046402 °	-121.046402 °	
DWR ID	DWR_NA0017_16_s_2012_55				
Action/Comments					
Pole					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>2.45</b>	Rating **	M	Issue No.	<b>812</b>
LM End	<b>2.45</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.030548 °	38.030548 °
				-121.046998 °	-121.046998 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:35551 DS_ID:23323 EP_NO: N/A FS_HLM: 2.529 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Heavy vegetation obscuring outlet. remove vegetation and verify flapgate installed. FIELD_STRUCT_DESC: 18-inch CM drainage pipe 3.0 feet below the roadway. Grouted spillway. O&M Manual SJR 611.1 Vol. F. FS Date: 04/24/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_5559.jpg



Grout over pipe on WS. Heavy vegetation blocking view of outlet.

Photo 2 of 2 : UCIP\_FA\_2015\_5560.jpg



Pipe visible on LS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>2.69</b>	Rating **	U	Issue No.	<b>813</b>
LM End	<b>2.69</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.028210 °	38.028210 °
				-121.050220 °	-121.050220 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41244 DS_ID:23446 EP_NO: N/A FS_HLM: 2.78 Repair Type: Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_5561.jpg



inside pipe on LS toe.

LM Start	<b>2.69</b>	Rating **	U	Issue No.	<b>813 (cont)</b>
LM End	<b>2.69</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_5562.jpg



Pipe outlet on WS slope.

LM Start	<b>2.69</b>	Rating **	U	Issue No.	<b>813 (cont)</b>
LM End	<b>2.69</b>	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_FA\_2015\_5563.jpg



Pipe inlet on LS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>2.85</b>	Rating **	U	Issue No.	<b>64</b>
LM End	<b>2.91</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.026670 °	38.026670 °
				-121.053031 °	-121.053031 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: 8/12/2015: No significant change observed. 8/20/2014: No significant change observed. 9/12/2013: No significant change observed. 08/22/2012: Site Comprised of series of pocket and scarp erosions. Some of erosions are covered by grass or shrubs. There is no levee structure on site. The levee crest width and levee height were not					

Photo 1 of 4 : SJR2015\_NA0017U16RM20.00\_1.jpg



Front view of the erosion.

LM Start	<b>2.85</b>	Rating **	U	Issue No.	<b>64 (cont)</b>
LM End	<b>2.91</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 4 : SJR2015\_NA0017U16RM20.00\_2.jpg



Close view of the erosion.

LM Start	<b>2.85</b>	Rating **	U	Issue No.	<b>64 (cont)</b>
LM End	<b>2.91</b>	Issue Type +	Ma	Location *	WS

Photo 3 of 4 : SJR2015\_NA0017U16RM20.00\_3.jpg



Front view of the erosion.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>2.85</b>	Rating **	U	Issue No.	<b>64 (cont)</b>
LM End	<b>2.91</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.026670 °	38.026670 °
				-121.053031 °	-121.053031 °
DWR ID					
Action/Comments					
Inspector Comments: 8/12/2015: No significant change observed. 8/20/2014: No significant change observed. 9/12/2013: No significant change observed. 08/22/2012: Site Comprised of series of pocket and scarp erosions. Some of erosions are covered by grass or shrubs. There is no levee structure on site. The levee crest width and levee height were not					

Photo 4 of 4 : SJR2015\_NA0017U16RM20.00\_7.jpg



Close view of the scarp erosion. Note the small tree at the erosoion site.

LM Start	<b>3.23</b>	Rating **	M	Issue No.	<b>235</b>
LM End	<b>3.23</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.023392 °	38.023392 °
				-121.057924 °	-121.057924 °
DWR ID	DWR_NA0017_16_f_2015_235				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	<b>3.25</b>	Rating **	M	Issue No.	<b>52</b>
LM End	<b>3.25</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.023257 °	38.023257 °
				-121.058158 °	-121.058158 °
DWR ID	DWR_NA0017_16_s_2012_52				
Action/Comments					
Prunings Inspector Comments: Burn pile has been burned but new material has been placed.					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_52\_20150911\_00025.jpg



Prunings were found on the waterside shoulder of the levee looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>3.40</b>	Rating **	M	Issue No.	<b>814</b>
LM End	<b>3.40</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.021830 °	38.021830 °
				-121.060181 °	-121.060181 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:35583 DS_ID:23325 EP_NO: N/A FS_HLM: 3.508 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and if so should be done so properly. FIELD_STRUCT_DESC: 10-inch steel pipe 3-feet below the roadway. Pump on the waterward slope. 36-inch concrete standpipe on WS shoulder. 1.5-inch galvanized iron electrical conduit at same location. FS Date: 04/24/2014					

Photo 1 of 1 : UCIP\_FA\_2015\_5616.jpg



36-inch concrete standpipe at location of abandoned pipe.

LM Start	<b>3.41</b>	Rating **	M	Issue No.	<b>53</b>
LM End	<b>3.41</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.021650 °	38.021650 °
				-121.060312 °	-121.060312 °
DWR ID	DWR_NA0017_16_s_2012_53				
Action/Comments					
Prunings Inspector Comments: Burn pile has been burned but new material has been placed.					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_53\_20150911\_00026.jpg



Prunings were found on the waterside shoulder of the levee looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>3.48</b>	Rating **	M	Issue No.	<b>152</b>
LM End	<b>3.48</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.020965 °	38.020965 °
				-121.061215 °	-121.061215 °
DWR ID	DWR_NA0017_16_f_2013_152				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_152\_20150911\_00086.jpg



Arundo was found on the waterside toe of the levee looking upstream.

LM Start	<b>3.50</b>	Rating **	M	Issue No.	<b>815</b>
LM End	<b>3.50</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.020790 °	38.020790 °
				-121.061470 °	-121.061470 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39020 DS_ID:24941 EP_NO: N/A FS_HLM: 3.612 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Filter plant backwash causing erosion on WS slope. FIELD_STRUCT_DESC: 6-inch PVC irrigation pipe through the levee 1.5-feet below the crown. Slant pump, butterfly valve, vent, and filter on WS slope. Pump and filter on Concrete pads. FS Date: 04/24/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_6074.jpg



Backwash from filter causing erosion on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>3.50</b>	Rating **	M	Issue No.	<b>815 (cont)</b>
LM End	<b>3.50</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.020790 °	38.020790 °
				-121.061470 °	-121.061470 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39020 DS_ID:24941 EP_NO: N/A FS_HLM: 3.612 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Filter plant backwash causing erosion on WS slope. FIELD_STRUCT_DESC: 6-inch PVC irrigation pipe through the levee 1.5-feet below the crown. Slant pump, butterfly valve, vent, and filter on WS slope. Pump and filter on Concrete pads. FS Date: 04/24/2014					

Photo 2 of 2 : UCIP\_FA\_2015\_6075.jpg



Pump, butterfly valve, meter, siphon breaker, vent, and filter on WS slope.

LM Start	<b>3.51</b>	Rating **	M	Issue No.	<b>816</b>
LM End	<b>3.51</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.020678 °	38.020678 °
				-121.061595 °	-121.061595 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:35584 DS_ID:23326 EP_NO: N/A FS_HLM: 3.616 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Verify 12-inch pipe was properly abandoned when new pipe was installed. FIELD_STRUCT_DESC: 12-inch concrete irrigation pipe 4.0-feet below the roadway. Pump and motor with 8-inch intake pipe to 24-inch concrete standpipe on the waterward side. Electrical conduit through the levee. 30-inch diameter concrete standpipe and pump on landward side. O&M Manual SJR 611.1 Vol. F. FS Date: 04/24/2014					

Photo 1 of 1 : UCIP\_FA\_2015\_5617.jpg



Evidence of crossing at WS.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>3.53</b>	Rating **	M	Issue No.	<b>230</b>
LM End	<b>3.53</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.020433 °	38.020433 °
				-121.061867 °	-121.061867 °
DWR ID	DWR_NA0017_16_f_2012_230				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 2 : FA\_2015\_NA0017\_160\_230\_20150911\_00138.jpg



Slope instability was found on the waterside slope of the levee looking downstream.

LM Start	<b>3.53</b>	Rating **	M	Issue No.	<b>230 (cont)</b>
LM End	<b>3.53</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA\_2015\_NA0017\_160\_230\_20150911\_00139.jpg



Erosion was found on the waterside slope of the levee looking upstream.

LM Start	<b>3.54</b>	Rating **	U	Issue No.	<b>206</b>
LM End	<b>3.54</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.020351 °	38.020351 °
				-121.061944 °	-121.061944 °
DWR ID	DWR_NA0017_16_s_2012_206				
Action/Comments					
Prunings					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_206\_20150911\_00122.jpg



Prunings were found on the landside of the levee looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>3.61</b>	Rating **	M	Issue No.	<b>54</b>
LM End	<b>3.61</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.019642 °	38.019642 °
				-121.062917 °	-121.062917 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: 8/12/2015: No significant change observed. 8/20/2014: A pocket erosion was found near the water's edge. [2015 Site ID:NA0017U16RM19.29]					

Photo 1 of 2 : SJR2015\_NA0017U16RM19.29\_2.JPG



Close view of the erosion.

LM Start	<b>3.61</b>	Rating **	M	Issue No.	<b>54 (cont)</b>
LM End	<b>3.61</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SJR2015\_NA0017U16RM19.29\_4.JPG



View of the site.

LM Start	<b>3.61</b>	Rating **	M	Issue No.	<b>211</b>
LM End	<b>3.61</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.019604 °	38.019604 °
				-121.062883 °	-121.062883 °
DWR ID	DWR_NA0017_16_s_2012_211				
<b>Action/Comments</b>					
Add appropriate gravel or road base. Grade and compact.					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>3.67</b>	Rating **	M	Issue No.	<b>266</b>
LM End	<b>3.88</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.018892 °	38.016572 °
				-121.063528 °	-121.065962 °
DWR ID	DWR_NA0017_16_f_2014_266				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	<b>3.69</b>	Rating **	M	Issue No.	<b>240</b>
LM End	<b>3.69</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.018729 °	38.018729 °
				-121.063704 °	-121.063704 °
DWR ID	DWR_NA0017_16_s_2015_240				
Action/Comments					
Prunings					

No Photos

LM Start	<b>3.79</b>	Rating **	M	Issue No.	<b>817</b>
LM End	<b>3.79</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.017644 °	38.017644 °
				-121.064954 °	-121.064954 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41680 DS_ID:24942 EP_NO: N/A FS_HLM: 3.91 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for crossing. FIELD_STRUCT_DESC: 5-inch PVC irrigation pipe through the levee at an unknown depth. Pump on WS toe. Filter, and shutoff valve visible on LS shoulder. Meter and control panel on LS shoulder. 1.5-inch electrical conduit at same location. FS Date: 04/24/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6110.jpg



Electrical conduit on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	3.79	Rating **	M	Issue No.	817 (cont)
LM End	3.79	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.017644 °	38.017644 °
				-121.064954 °	-121.064954 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41680 DS_ID:24942 EP_NO: N/A FS_HLM: 3.91 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for crossing. FIELD_STRUCT_DESC: 5-inch PVC irrigation pipe through the levee at an unknown depth. Pump on WS toe. Filter, and shutoff valve visible on LS shoulder. Meter and control panel on LS shoulder. 1.5-inch electrical conduit at same location. FS Date: 04/24/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_6111.jpg



Pump and pipe visible at WS toe.

Photo 3 of 3 : UCIP\_FA\_2015\_6112.jpg



Pump and pipe visible at WS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>3.81</b>	Rating **	C	Issue No.	<b>267</b>
LM End	<b>3.81</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.017398 °	38.017398 °
				-121.065198 °	-121.065198 °
DWR ID	DWR_NA0017_16_f_2014_267				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	<b>3.90</b>	Rating **	M	Issue No.	<b>818</b>
LM End	<b>3.90</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.016290 °	38.016290 °
				-121.066213 °	-121.066213 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41947 DS_ID:24944 EP_NO: N/A FS_HLM: 4.03 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 4-inch PVC communication line through the levee at an unknown depth. Pipe attached to the downstream side of the bridge. FS Date: 04/24/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_6113.jpg



PVC conduit visible on downstream side of bridge.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>3.90</b>	Rating **	M	Issue No.	<b>818 (cont)</b>
LM End	<b>3.90</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.016290 °	38.016290 °
				-121.066213 °	-121.066213 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41947 DS_ID:24944 EP_NO: N/A FS_HLM: 4.03 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 4-inch PVC communication line through the levee at an unknown depth. Pipe attached to the downstream side of the bridge. FS Date: 04/24/2014					

Photo 2 of 2 : UCIP\_FA\_2015\_6114.jpg



Communication line marker on WS shoulder.

LM Start	<b>4.16</b>	Rating **	U	Issue No.	<b>47</b>
LM End	<b>4.18</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.012792 °	38.012792 °
				-121.068073 °	-121.068073 °
DWR ID					
Action/Comments					
Inspector Comments: 8/12/2015: No significant change observed. 8/20/2014: No significant change observed. 9/12/2013: No significant change observed. 08/22/2012: An irrigation pipe is present at the site, but probably did not cause the erosion. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2015 Site ID:NA0017U16RM18.69]					

Photo 1 of 2 : SJR2015\_NA0017U16RM18.69\_1.jpg



View of the erosion site.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>4.16</b>	Rating **	U	Issue No.	<b>47 (cont)</b>
LM End	<b>4.18</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.012792 °	38.012792 °
				-121.068073 °	-121.068073 °
DWR ID					
Action/Comments					
Inspector Comments: 8/12/2015: No significant change observed. 8/20/2014: No significant change observed. 9/12/2013: No significant change observed. 08/22/2012: An irrigation pipe is present at the site, but probably did not cause the erosion. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2015 Site ID:NA0017U16RM18.69]					

Photo 2 of 2 : SJR2015\_NA0017U16RM18.69\_2.jpg



Closer view of the erosion.

LM Start	<b>4.17</b>	Rating **	C	Issue No.	<b>241</b>
LM End	<b>4.17</b>	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.012709 °	38.012709 °
				-121.068052 °	-121.068052 °
DWR ID	DWR_NA0017_16_s_2015_241				
Action/Comments					
Pipe					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>4.18</b>	Rating **	U	Issue No.	<b>819</b>
LM End	<b>4.18</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.012555 °	38.012555 °
				-121.068189 °	-121.068189 °
DWR ID					

**Action/Comments**

Inspector Comments: FS\_ID:42862  
 DS\_ID:23328  
 EP\_NO: N/A  
 FS\_HLM: 4.322  
 Repair Type: Urgent  
 Crossing Status: Found  
 UCIP Comments: Pipe leaking internally at centerline of roadway and at LS near standpipe. Concrete standpipe on WS shoulder leaks as well. FIELD\_STRUCT\_DESC: 12-inch concrete irrigation pipe through the levee 3-feet below the roadway. Two pumps on the waterward side. 8-inch pipe to pumps. 30-inch concrete standpipe on the waterward side. 8-inch PVC standpipe, meter, electrical panel, and pole on LS. O&M Manual SJR 611.1 Vol. F.  
 FS Date: 04/24/2014

Photo 1 of 2 : UCIP\_FA\_2015\_3566.jpg



Meter, control panel, PVC standpipe, and flooding from leaking pipe on LS of roadway.

LM Start	<b>4.18</b>	Rating **	U	Issue No.	<b>819 (cont)</b>
LM End	<b>4.18</b>	Issue Type +	En	Location *	CR

Photo 2 of 2 : UCIP\_FA\_2015\_3567.jpg



Pump and leaking concrete standpipe on WS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>4.19</b>	Rating **	M	Issue No.	<b>236</b>
LM End	<b>4.19</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.012491 °	38.012491 °	
			-121.068118 °	-121.068118 °	
DWR ID	DWR_NA0017_16_f_2015_236				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Erosion created by broken pipe.					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_236\_20151023\_00164.jpg



Erosion caused by a broken pipe on the waterside of the levee.

LM Start	<b>4.20</b>	Rating **	M	Issue No.	<b>228</b>
LM End	<b>4.20</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.012288 °	38.012288 °	
			-121.068239 °	-121.068239 °	
DWR ID	DWR_NA0017_16_f_2012_228				
Action/Comments					
Repair slope instability.					

Photo 1 of 2 : FA\_2015\_NA0017\_160\_228\_20150911\_00136.jpg



Updated picture of the slope instability on the waterside of the levee looking downstream.

LM Start	<b>4.20</b>	Rating **	M	Issue No.	<b>228 (cont)</b>
LM End	<b>4.20</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA\_2015\_NA0017\_160\_228\_20150911\_00137.jpg



Slope instability was found on the waterside shoulder of the levee looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>4.28</b>	Rating **	M	Issue No.	<b>73</b>
LM End	<b>4.28</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.011201 °	38.011201 °
				-121.068581 °	-121.068581 °
DWR ID	DWR_NA0017_16_s_2013_73				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_73\_20151023\_00165.jpg



Erosion was found on the waterside shoulder of the levee looking upstream.

LM Start	<b>4.38</b>	Rating **	C	Issue No.	<b>141</b>
LM End	<b>4.38</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.009858 °	38.009858 °
				-121.069005 °	-121.069005 °
DWR ID	DWR_NA0017_16_s_2014_141				
Action/Comments					
Repair slope instability.					

No Photos

LM Start	<b>4.45</b>	Rating **	C	Issue No.	<b>243</b>
LM End	<b>4.45</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.008863 °	38.008863 °
				-121.069267 °	-121.069267 °
DWR ID	DWR_NA0017_16_s_2015_243				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>4.45</b>	Rating **	M	Issue No.	<b>242</b>
LM End	<b>4.45</b>	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.008862 °	38.008862 °
				-121.069268 °	-121.069268 °
DWR ID	DWR_NA0017_16_s_2015_242				
Action/Comments					
Pipe					

No Photos

LM Start	<b>4.85</b>	Rating **	M	Issue No.	<b>245</b>
LM End	<b>4.85</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.003673 °	38.003673 °
				-121.072496 °	-121.072496 °
DWR ID	DWR_NA0017_16_s_2015_245				
Action/Comments					
Note and monitor erosion site.					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_245\_20150911\_00142.jpg



View of erosion on the waterside slope of the levee looking downstream.

LM Start	<b>5.05</b>	Rating **	M	Issue No.	<b>196</b>
LM End	<b>5.15</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.001284 °	38.000116 °
				-121.074596 °	-121.075633 °
DWR ID	DWR_NA0017_16_s_2012_196				
Action/Comments					
Debris					

Photo 1 of 2 : FA\_2015\_NA0017\_160\_196\_20150911\_00114.jpg



Concrete debris was found on the waterside slope of the levee looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>5.05</b>	Rating **	M	Issue No.	<b>196 (cont)</b>
LM End	<b>5.15</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.001284 °	38.000116 °
				-121.074596 °	-121.075633 °
DWR ID	DWR_NA0017_16_s_2012_196				
Action/Comments					
Debris					

Photo 2 of 2 : FA\_2015\_NA0017\_160\_196\_20150911\_00115.jpg



Debris was found on the waterside of the levee looking upstream.

LM Start	<b>5.16</b>	Rating **	C	Issue No.	<b>42</b>
LM End	<b>5.16</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.000057 °	38.000057 °
				-121.075773 °	-121.075773 °
DWR ID	DWR_NA0017_16_s_2014_42				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	<b>5.20</b>	Rating **	M	Issue No.	<b>265</b>
LM End	<b>5.20</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.999537 °	37.999537 °
				-121.076133 °	-121.076133 °
DWR ID	DWR_NA0017_16_f_2014_265				
Action/Comments					
Repair slope instability.					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_265\_20150911\_00150.jpg



A slope instability was found on the waterside slope of the levee looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>5.29</b>	Rating **	N	Issue No.	<b>226</b>
LM End	<b>5.29</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		37.998515 °	37.998515 °	
			-121.077104 °	-121.077104 °	
DWR ID	DWR_NA0017_16_f_2012_226				
Action/Comments					
Tree stumps.					

No Photos

LM Start	<b>5.29</b>	Rating **	N	Issue No.	<b>195</b>
LM End	<b>5.29</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		37.998517 °	37.998517 °	
			-121.077116 °	-121.077116 °	
DWR ID	DWR_NA0017_16_s_2012_195				
Action/Comments					
Tree stumps.					

No Photos

LM Start	<b>5.33</b>	Rating **	M	Issue No.	<b>41</b>
LM End	<b>5.38</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR Erosion Survey		37.997720 °	37.997720 °	
			-121.077807 °	-121.077807 °	
DWR ID					
Action/Comments					
Inspector Comments: 8/12/2015: No significant change observed. 8/20/2014: No significant change observed. 9/12/2013: No significant change observed. 08/22/2012: The site is located at the opposite river bank of E. Tobacco Road. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2015 Site ID:NA0017U16RM17.81]					

Photo 1 of 2 : SJR2015\_NA0017U16RM17.81\_2.jpg



Front view of the site.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>5.33</b>	Rating **	M	Issue No.	<b>41 (cont)</b>
LM End	<b>5.38</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.997720 °	37.997720 °
				-121.077807 °	-121.077807 °
DWR ID					
Action/Comments					
Inspector Comments: 8/12/2015: No significant change observed. 8/20/2014: No significant change observed. 9/12/2013: No significant change observed. 08/22/2012: The site is located at the opposite river bank of E. Tobacco Road. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2015 Site ID:NA0017U16RM17.81]					

Photo 2 of 2 : SJR2015\_NA0017U16RM17.81\_5.jpg



Close view of the erosion.

LM Start	<b>5.48</b>	Rating **	M	Issue No.	<b>820</b>
LM End	<b>5.48</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.996132 °	37.996132 °
				-121.079127 °	-121.079127 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:35686 DS_ID:23332 EP_NO: N/A FS_HLM: 5.662 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and if so should be done so properly. LS of pipe is burried and WS is badly rusted. Pipe should be inspected internally. FIELD_STRUCT_DESC: 18-inch CMP drainpipe through the levee 3.0 feet below the crown. Grout over pipe in channel, with pipe open and visible in water at WS toe. O&M Manual SJR 611.1 Vol. F. FS Date: 04/30/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_3681.jpg



Grout over pipe in channel on WS.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	5.48	Rating **	M	Issue No.	820 (cont)
LM End	5.48	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.996132 °	37.996132 °
				-121.079127 °	-121.079127 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:35686 DS_ID:23332 EP_NO: N/A FS_HLM: 5.662 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and if so should be done so properly. LS of pipe is burried and WS is badly rusted. Pipe should be inspected internally. FIELD_STRUCT_DESC: 18-inch CMP drainpipe through the levee 3.0 feet below the crown. Grout over pipe in channel, with pipe open and visible in water at WS toe. O&M Manual SJR 611.1 Vol. F. FS Date: 04/30/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_3682.jpg



Grout over pipe in channel on WS.

Photo 3 of 3 : UCIP\_FA\_2015\_3683.jpg



Pipe visible in water at WS toe.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>5.56</b>	Rating **	U	Issue No.	<b>40</b>
LM End	<b>5.58</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.995216 °	37.995216 °
				-121.080159 °	-121.080159 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: 8/12/2015: No significant change observed. 8/20/2014: No significant change observed. 9/12/2013: The erosion seems to be caused by high river flow. Dense vegetation is present at the site. Signs of animal activities are visible. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2015 Site					

Photo 1 of 3 : SJR2015\_NA0017U16RM17.27\_2.JPG



Close view of the erosion.

LM Start	<b>5.56</b>	Rating **	U	Issue No.	<b>40 (cont)</b>
LM End	<b>5.58</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : SJR2015\_NA0017U16RM17.27\_4.JPG



View from the right river bank.

LM Start	<b>5.56</b>	Rating **	U	Issue No.	<b>40 (cont)</b>
LM End	<b>5.58</b>	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SJR2015\_NA0017U16RM17.27\_6.JPG



Close view of the erosion.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>5.64</b>	Rating **	M	Issue No.	<b>56</b>
LM End	<b>5.64</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.994268 °	37.994268 °	
			-121.080850 °	-121.080850 °	
DWR ID	DWR_NA0017_16_s_2012_56				
Action/Comments					
Prunings Inspector Comments: Burn pile has been burned but new material has been placed.					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_56\_20150911\_00027.jpg



Prunings were found on the waterside shoulder of the levee looking upstream.

LM Start	<b>5.70</b>	Rating **	M	Issue No.	<b>57</b>
LM End	<b>5.75</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.993593 °	37.993030 °	
			-121.081493 °	-121.082014 °	
DWR ID	DWR_NA0017_16_s_2012_57				
Action/Comments					
Equipment					

No Photos

LM Start	<b>5.71</b>	Rating **	M	Issue No.	<b>39</b>
LM End	<b>5.72</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR Erosion Survey		37.993525 °	37.993525 °	
			-121.081679 °	-121.081679 °	
DWR ID					
Action/Comments					
Inspector Comments: 8/12/2015: No significant change observed. 8/20/2014: The erosion is near a tree and probably has been made worse by the unstable bank slope. [2015 Site ID:NA0017U16RM17.11]					

Photo 1 of 2 : SJR2015\_NA0017U16RM17.11\_1.JPG



View of the site from the right river bank.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>5.71</b>	Rating **	M	Issue No.	<b>39 (cont)</b>
LM End	<b>5.72</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.993525 °	37.993525 °
				-121.081679 °	-121.081679 °
DWR ID					
Action/Comments					
Inspector Comments: 8/12/2015: No significant change observed. 8/20/2014: The erosion is near a tree and probably has been made worse by the unstable bank slope. [2015 Site ID:NA0017U16RM17.11]					

Photo 2 of 2 : SJR2015\_NA0017U16RM17.11\_2.JPG



Close view of the erosion.

LM Start	<b>5.74</b>	Rating **	M	Issue No.	<b>821</b>
LM End	<b>5.74</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.993146 °	37.993146 °
				-121.081870 °	-121.081870 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39048 DS_ID:24946 EP_NO: N/A FS_HLM: 5.92 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe causing erosion on WS slope. Damaged concealed by berries on slope. FIELD_STRUCT_DESC: 6-inch PVC drain pipe through the levee 3-feet below the crown. Backwash from sandfilter plant on LS shoulder. Pipe visible on WS slope. FS Date: 04/30/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6115.jpg



Pipe and filter plant on LS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>5.74</b>	Rating **	M	Issue No.	<b>821 (cont)</b>
LM End	<b>5.74</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.993146 °	37.993146 °
				-121.081870 °	-121.081870 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39048 DS_ID:24946 EP_NO: N/A FS_HLM: 5.92 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe causing erosion on WS slope. Damaged concealed by berries on slope. FIELD_STRUCT_DESC: 6-inch PVC drain pipe through the levee 3-feet below the crown. Backwash from sandfilter plant on LS shoulder. Pipe visible on WS slope. FS Date: 04/30/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_6116.jpg



Pipe in briar on WS slope. Beware of deep erosion on slope.

LM Start	<b>5.74</b>	Rating **	M	Issue No.	<b>821 (cont)</b>
LM End	<b>5.74</b>	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_FA\_2015\_6117.jpg



Pipe at outlet in briars on WS shoulder. Heavy erosion at outlet on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>5.74</b>	Rating **	M	Issue No.	<b>822</b>
LM End	<b>5.74</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.993163 °	37.993163 °
				-121.081926 °	-121.081926 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:35687 DS_ID:23333 EP_NO: N/A FS_HLM: 5.927 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_3684.jpg



Intake structure in water at WS toe.

LM Start	<b>5.74</b>	Rating **	M	Issue No.	<b>822 (cont)</b>
LM End	<b>5.74</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_3718.jpg



Slantpump on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>5.74</b>	Rating **	M	Issue No.	<b>822 (cont)</b>
LM End	<b>5.74</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.993163 °	37.993163 °
				-121.081926 °	-121.081926 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:35687 DS_ID:23333 EP_NO: N/A FS_HLM: 5.927 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_3719.jpg



Concrete standpipe and slant pump on WS slope.

LM Start	<b>5.74</b>	Rating **	M	Issue No.	<b>823</b>
LM End	<b>5.74</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.993136 °	37.993136 °
				-121.081890 °	-121.081890 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39049 DS_ID:24947 EP_NO: N/A FS_HLM: 5.926 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Severe erosion on WS slope. Damage obscured by berries on WS slope. FIELD_STRUCT_DESC: 8-inch PVC drain pipe through the levee 3-feet below the crown. 8-inch standpipe in front of 36-inch concrete riser on LS shulder. FS Date: 04/30/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_6118.jpg



Pipe visible in briars on WS shoulder.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>5.74</b>	Rating **	M	Issue No.	<b>823 (cont)</b>
LM End	<b>5.74</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.993136 °	37.993136 °
				-121.081890 °	-121.081890 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39049 DS_ID:24947 EP_NO: N/A FS_HLM: 5.926 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Severe erosion on WS slope. Damage obscured by berries on WS slope. FIELD_STRUCT_DESC: 8-inch PVC drain pipe through the levee 3-feet below the crown. 8-inch standpipe in front of 36-inch concrete riser on LS shulder. FS Date: 04/30/2014					

Photo 2 of 2 : UCIP\_FA\_2015\_6119.jpg



Pipe visible in briars on WS shoulder.

LM Start	<b>5.75</b>	Rating **	M	Issue No.	<b>172</b>
LM End	<b>5.75</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.993108 °	37.993108 °
				-121.082033 °	-121.082033 °
DWR ID	DWR_NA0017_16_s_2012_172				
Action/Comments					
Equipment					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_172\_20150911\_00103.jpg



View of equipment located on the waterward side looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>5.87</b>	Rating **	M	Issue No.	<b>264</b>
LM End	<b>5.87</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.991628 °	37.991628 °
				-121.083312 °	-121.083312 °
DWR ID	DWR_NA0017_16_f_2014_264				
Action/Comments					
Repair slope instability.					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_264\_20150911\_00149.jpg



A slope instability was found on the waterside of the levee looking upstream.

LM Start	<b>6.03</b>	Rating **	M	Issue No.	<b>44</b>
LM End	<b>6.03</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.989765 °	37.989765 °
				-121.084970 °	-121.084970 °
DWR ID	DWR_NA0017_16_s_2012_44				
Action/Comments					
Pole					

No Photos

LM Start	<b>6.03</b>	Rating **	M	Issue No.	<b>5</b>
LM End	<b>6.03</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.989698 °	37.989698 °
				-121.085034 °	-121.085034 °
DWR ID	DWR_NA0017_16_s_2012_5				
Action/Comments					
Pole					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>6.07</b>	Rating **	M	Issue No.	<b>4</b>
LM End	<b>6.07</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.989251 °	37.989251 °	
			-121.085419 °	-121.085419 °	
DWR ID	DWR_NA0017_16_s_2012_4				
Action/Comments					
Pole					

No Photos

LM Start	<b>6.07</b>	Rating **	M	Issue No.	<b>3</b>
LM End	<b>6.07</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.989227 °	37.989227 °	
			-121.085441 °	-121.085441 °	
DWR ID	DWR_NA0017_16_s_2012_3				
Action/Comments					
Pole					

No Photos

LM Start	<b>6.10</b>	Rating **	M	Issue No.	<b>180</b>
LM End	<b>6.10</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.988898 °	37.988898 °	
			-121.085691 °	-121.085691 °	
DWR ID	DWR_NA0017_16_s_2012_180				
Action/Comments					
Firewood					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>6.10</b>	Rating **	M	Issue No.	<b>1</b>
LM End	<b>6.10</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.988892 °	37.988892 °
				-121.085692 °	-121.085692 °
DWR ID	DWR_NA0017_16_s_2012_1				
Action/Comments					
Pole					

No Photos

LM Start	<b>6.12</b>	Rating **	M	Issue No.	<b>59</b>
LM End	<b>6.12</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.988708 °	37.988708 °
				-121.085845 °	-121.085845 °
DWR ID	DWR_NA0017_16_s_2012_59				
Action/Comments					
Prunings					

Photo 1 of 2 : FA\_2015\_NA0017\_160\_59\_20150911\_00028.jpg



View of the prunings pile on the waterside shoulder of the levee looking upstream during fall 2013 inspection.

LM Start	<b>6.12</b>	Rating **	M	Issue No.	<b>59 (cont)</b>
LM End	<b>6.12</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : FA\_2015\_NA0017\_160\_59\_20150911\_00029.jpg



Prunings were found on the waterside of the levee looking upstream. This picture was taken during fall 2011 inspection.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>6.15</b>	Rating **	M	Issue No.	<b>170</b>
LM End	<b>6.15</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.988385 °	37.988385 °
				-121.086292 °	-121.086292 °
DWR ID	DWR_NA0017_16_s_2012_170				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 2 : FA\_2015\_NA0017\_160\_170\_20150911\_00100.jpg



Updated picture of the rodent holes on the waterside shoulder of the levee looking downstream.

LM Start	<b>6.15</b>	Rating **	M	Issue No.	<b>170 (cont)</b>
LM End	<b>6.15</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA\_2015\_NA0017\_160\_170\_20150911\_00101.jpg



An animal hole was found on the waterside of the levee looking upstream.

LM Start	<b>6.24</b>	Rating **	M	Issue No.	<b>50</b>
LM End	<b>6.24</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.987303 °	37.987303 °
				-121.087292 °	-121.087292 °
DWR ID	DWR_NA0017_16_s_2014_50				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_50\_20150911\_00024.jpg



View of a rodent hole on the waterside slope of the levee. The picture was taken from the opposite side of the 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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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>6.32</b>	Rating **	M	Issue No.	<b>824</b>
LM End	<b>6.32</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.986326 °	37.986326 °
				-121.087901 °	-121.087901 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:35690 DS_ID:23504 EP_NO: N/A FS_HLM: 6.521 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Appears abandoned and if so should be verified as having been done so properly. FIELD_STRUCT_DESC: 2 of 2: 12-inch concrete siphon pipe 3.0 feet below the roadway and under the channel. Abandoned pump over concrete sump inside fenced in facility on LS shoulder likely indicator of pipe location. FS Date: 04/30/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_3720.jpg



Abandoned pump and sump inside fenced in area on LS of roadway.

LM Start	<b>6.32</b>	Rating **	M	Issue No.	<b>824 (cont)</b>
LM End	<b>6.32</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_3791.jpg



Abandoned pump and sump inside fenced in area on LS of roadway.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>6.32</b>	Rating **	M	Issue No.	<b>824 (cont)</b>
LM End	<b>6.32</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.986326 °	37.986326 °
				-121.087901 °	-121.087901 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:35690 DS_ID:23504 EP_NO: N/A FS_HLM: 6.521 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP\_FA\_2015\_3792.jpg



Abandoned pump and sump inside fenced in area on LS of roadway.

LM Start	<b>6.42</b>	Rating **	M	Issue No.	<b>49</b>
LM End	<b>6.82</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.985104 °	37.981327 °
				-121.088851 °	-121.094343 °
DWR ID	DWR_NA0017_16_f_2015_49				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	<b>6.49</b>	Rating **	U	Issue No.	<b>38</b>
LM End	<b>6.68</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.983279 °	37.983279 °
				-121.090843 °	-121.090843 °
DWR ID					
Action/Comments					
Inspector Comments: 8/12/2015: No significant change observed. 8/20/2014: No significant change observed. 9/12/2013: Site has been surveyed and the erosion has worsened since last year. 08/22/2012: Discontinuous scarp or pocket erosions occurred along a long stretch of the river, with an erosion height greater than 25 ft. at certain points. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2015 Site ID:NA0017U16RM16.27]					

Photo 1 of 3 : SJR2015\_NA0017U16RM16.27\_1.jpg



Downstream view of the site from the right river bank.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>6.49</b>	Rating **	U	Issue No.	<b>38 (cont)</b>
LM End	<b>6.68</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.983279 °	37.983279 °
				-121.090843 °	-121.090843 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: 8/12/2015: No significant change observed. 8/20/2014: No significant change observed. 9/12/2013: Site has been surveyed and the erosion has worsened since last year. 08/22/2012: Discontinuous scarp or pocket erosions occurred along a long stretch of the river, with an erosion height greater than 25 ft. at certain points. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2015 Site ID:NA0017U16RM16.27]					

Photo 2 of 3 : SJR2015\_NA0017U16RM16.27\_2.jpg



Closer view of the erosion.

Photo 3 of 3 : SJR2015\_NA0017U16RM16.27\_7.jpg



Close view of the erosion.

LM Start	<b>6.49</b>	Rating **	U	Issue No.	<b>38 (cont)</b>
LM End	<b>6.68</b>	Issue Type +	Ma	Location *	WS

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>6.70</b>	Rating **	M	Issue No.	<b>120</b>
LM End	<b>6.70</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		37.982299 °	37.982299 °	
			-121.092665 °	-121.092665 °	
DWR ID	DWR_NA0017_16_s_2014_120				
Action/Comments					
Repair slope instability.					

Photo 1 of 2 : FA\_2015\_NA0017\_160\_120\_20150911\_00063.jpg



Updated picture of the slope instability on the waterside of the levee looking downstream.

LM Start	<b>6.70</b>	Rating **	M	Issue No.	<b>120 (cont)</b>
LM End	<b>6.70</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA\_2015\_NA0017\_160\_120\_20150911\_00064.jpg



Slope instability was found on the waterside of the levee looking upstream.

LM Start	<b>6.91</b>	Rating **	M	Issue No.	<b>96</b>
LM End	<b>7.08</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.980849 °	37.979743 °	
			-121.095438 °	-121.098220 °	
DWR ID	DWR_NA0017_16_f_2012_96				
Action/Comments					
Crops Inspector Comments: Saplings located at toe of levee. Levee is slightly higher than the ground level at this location. Action has been started with the Board regarding these encroachments.					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>7.01</b>	Rating **	M	Issue No.	<b>60</b>
LM End	<b>7.01</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			°	°
				°	°
DWR ID	DWR_NA0017_16_s_2012_60				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_60\_20150911\_00030.jpg



Cacti were found on the waterside of the levee looking upstream.

LM Start	<b>7.08</b>	Rating **	M	Issue No.	<b>167</b>
LM End	<b>7.08</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.979642 °	37.979642 °
				-121.098161 °	-121.098161 °
DWR ID	DWR_NA0017_16_s_2012_167				
Action/Comments					
Prunings					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_167\_20150911\_00097.jpg



Prunings were found on the waterside shoulder of the levee looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>7.15</b>	Rating **	M	Issue No.	<b>825</b>
LM End	<b>7.15</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.979000 °	37.979000 °
				-121.099088 °	-121.099088 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:35765 DS_ID:23338 EP_NO: N/A FS_HLM: 7.354 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and if so should be done so properly. FIELD_STRUCT_DESC: 6-inch PVC irrigation pipe sleeved through a 10-inch steel pipe 2.5 feet below the roadway. Pump missing from concrete base on the waterward slope. 36-inch and 12-inch concrete standpipes on the landward side. 1-inch Electrical conduit below the roadway. O&M Manual SJR 611.1 Vol. F. FS Date: 04/30/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_4051.jpg



Gate valve on WS slope

LM Start	<b>7.15</b>	Rating **	M	Issue No.	<b>825 (cont)</b>
LM End	<b>7.15</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_4052.jpg



Gate valve on WS slope

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>7.15</b>	Rating **	M	Issue No.	<b>825 (cont)</b>
LM End	<b>7.15</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.979000 °	37.979000 °
				-121.099088 °	-121.099088 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:35765 DS_ID:23338 EP_NO: N/A FS_HLM: 7.354 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_4053.jpg



Concrete standpipes, pole, and electrical panel on LS shoulder.

LM Start	<b>7.16</b>	Rating **	M	Issue No.	<b>61</b>
LM End	<b>7.16</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.978850 °	37.978850 °
				-121.099325 °	-121.099325 °
DWR ID	DWR_NA0017_16_s_2012_61				
Action/Comments					
Debris Inspector Comments: Farmer has burned the material, but some new material has been placed. Farmer has been told to not put any material at this location in the future.					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_61\_20150911\_00031.jpg



Debris and prunings were found on the waterside of the levee looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>7.23</b>	Rating **	M	Issue No.	<b>826</b>
LM End	<b>7.23</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.978396 °	37.978396 °
				-121.100466 °	-121.100466 °
DWR ID					

**Action/Comments**

Inspector Comments: FS\_ID:35768  
 DS\_ID:23339  
 EP\_NO: N/A  
 FS\_HLM: 7.443  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: Pipe open on WS end. Appears abandoned and if so, should be done so properly.  
 FIELD\_STRUCT\_DESC: 8-inch steel irrigation pipe 3-feet below the roadway. Pipe disconnected from pump mounted on concrete base on the waterward slope. 30-inch concrete standpipe on the landward side. Electrical conduit below the roadway. O&M Manual SJR 611.1 Vol. F. FS Date: 04/30/2014

LM Start	<b>7.23</b>	Rating **	M	Issue No.	<b>826 (cont)</b>
LM End	<b>7.23</b>	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP\_FA\_2015\_3139.jpg



Pipe not connected to abandoned pump on WS slope.

Photo 2 of 3 : UCIP\_FA\_2015\_3140.jpg



pipe abandoned and open on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>7.23</b>	Rating **	M	Issue No.	<b>826 (cont)</b>
LM End	<b>7.23</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.978396 °	37.978396 °
				-121.100466 °	-121.100466 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:35768 DS_ID:23339 EP_NO: N/A FS_HLM: 7.443 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_3141.jpg



Power pole, electrical panel, and concrete standpipe on LS shoulder.

LM Start	<b>7.24</b>	Rating **	M	Issue No.	<b>827</b>
LM End	<b>7.24</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.978375 °	37.978375 °
				-121.100541 °	-121.100541 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41681 DS_ID:24951 EP_NO: N/A FS_HLM: 7.448 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for crossing. FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee 2-feet below the crown. Butterfly valve on WS with pump and vent. FS Date: 04/30/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_5768.jpg



Pump, vent, and filter on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>7.24</b>	Rating **	M	Issue No.	<b>827 (cont)</b>
LM End	<b>7.24</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.978375 °	37.978375 °
				-121.100541 °	-121.100541 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41681 DS_ID:24951 EP_NO: N/A FS_HLM: 7.448 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for crossing. FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee 2-feet below the crown. Butterfly valve on WS with pump and vent. FS Date: 04/30/2014					

Photo 2 of 2 : UCIP\_FA\_2015\_5769.jpg



Pipe, vent, butterfly valve, filter, and pump on WS slope.

LM Start	<b>7.27</b>	Rating **	U	Issue No.	<b>37</b>
LM End	<b>7.33</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.978194 °	37.978194 °
				-121.101696 °	-121.101696 °
DWR ID					
Action/Comments					
Inspector Comments: 8/12/2015: No significant change observed. 8/20/2014: No significant change observed. Note the site ID changed from NA0017U16RM10.82 to NA0017U16RM15.57 to reflect the correct river mile. 09/12/2013: The site is located at immediately downstream of a levee segment protected by broken concrete. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2015 Site ID:NA0017U16RM15.57]					

Photo 1 of 2 : SJR2015\_NA0017U16RM15.57\_3.JPG



Close view of the erosion.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>7.27</b>	Rating **	U	Issue No.	<b>37 (cont)</b>
LM End	<b>7.33</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.978194 °	37.978194 °
				-121.101696 °	-121.101696 °
DWR ID					
Action/Comments					
Inspector Comments: 8/12/2015: No significant change observed. 8/20/2014: No significant change observed. Note the site ID changed from NA0017U16RM10.82 to NA0017U16RM15.57 to reflect the correct river mile. 09/12/2013: The site is located at immediately downstream of a levee segment protected by broken concrete. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2015 Site ID:NA0017U16RM15.57]					

Photo 2 of 2 : SJR2015\_NA0017U16RM15.57\_5.JPG



Close view of the erosion.

LM Start	<b>7.39</b>	Rating **	M	Issue No.	<b>246</b>
LM End	<b>7.39</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.977610 °	37.977610 °
				-121.103159 °	-121.103159 °
DWR ID	DWR_NA0017_16_s_2015_246				
Action/Comments					
Note and monitor erosion site.					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_246\_20150911\_00143.jpg



Erosion was found on the waterside shoulder of the levee looking downstream.

LM Start	<b>7.42</b>	Rating **	M	Issue No.	<b>237</b>
LM End	<b>7.42</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.977421 °	37.977421 °
				-121.103507 °	-121.103507 °
DWR ID	DWR_NA0017_16_f_2015_237				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_237\_20151023\_00166.jpg



Erosion caused by runoff was found on the waterside shoulder of the levee.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>7.47</b>	Rating **	M	Issue No.	<b>162</b>
LM End	<b>7.47</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.977000 °	37.977000 °
				-121.104234 °	-121.104234 °
DWR ID	DWR_NA0017_16_s_2012_162				
Action/Comments					
Equipment					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_162\_20150911\_00092.jpg



Equipment was found on the waterside of the levee looking upstream.

LM Start	<b>7.47</b>	Rating **	M	Issue No.	<b>828</b>
LM End	<b>7.47</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.976975 °	37.976975 °
				-121.104270 °	-121.104270 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:35769 DS_ID:23340 EP_NO: N/A FS_HLM: 7.685 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and if so should be done so properly. FIELD_STRUCT_DESC: 10-inch steel irrigation pipe 3.0-feet below the crown. Pump mounted on concrete base on the waterward slope. Power to pumps is supplied by 1915 Holt Tractor. 36-inch concrete standpipe on the landward side. O&M Manual SJR 611.1 Vol. F. FS Date: 04/30/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_3142.jpg



Pump and pipe visible on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>7.47</b>	Rating **	M	Issue No.	<b>828 (cont)</b>
LM End	<b>7.47</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.976975 °	37.976975 °
				-121.104270 °	-121.104270 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:35769 DS_ID:23340 EP_NO: N/A FS_HLM: 7.685 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and if so should be done so properly. FIELD_STRUCT_DESC: 10-inch steel irrigation pipe 3.0-feet below the crown. Pump mounted on concrete base on the waterward slope. Power to pumps is supplied by 1915 Holt Tractor. 36-inch concrete standpipe on the landward side. O&M Manual SJR 611.1 Vol. F. FS Date: 04/30/2014					

Photo 2 of 2 : UCIP\_FA\_2015\_3143.jpg



Pump and pipe visible on WS slope.

LM Start	<b>7.57</b>	Rating **	U	Issue No.	<b>218</b>
LM End	<b>7.57</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			°	°
				°	°
DWR ID	DWR_NA0017_16_s_2012_218				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_218\_20150911\_00132.jpg



A possible beaver den was found on waterside slope of the levee. The picture was taken from the opposite bank of the levee.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>7.65</b>	Rating **	M	Issue No.	<b>238</b>
LM End	<b>8.05</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.975388 °	37.972021 °
				-121.106829 °	-121.112816 °
DWR ID	DWR_NA0017_16_f_2015_238				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	<b>8.10</b>	Rating **	M	Issue No.	<b>93</b>
LM End	<b>8.10</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.971311 °	37.971311 °
				-121.113033 °	-121.113033 °
DWR ID	DWR_NA0017_16_s_2012_93				
Action/Comments					
Prunings					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_93\_20150911\_00048.jpg



Prunings were found on the landside of the levee looking upstream.

LM Start	<b>8.29</b>	Rating **	M	Issue No.	<b>79</b>
LM End	<b>8.41</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.969472 °	37.969114 °
				-121.115350 °	-121.117417 °
DWR ID	DWR_NA0017_16_s_2012_79				
Action/Comments					
Prunings					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_79\_20150911\_00042.jpg



Prunings were found on the waterside of the levee looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>8.34</b>	Rating **	M	Issue No.	<b>36</b>
LM End	<b>8.38</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.969213 °	37.969213 °
				-121.116574 °	-121.116574 °
DWR ID					
Action/Comments					
Inspector Comments: 8/12/2015: No significant change observed. 8/20/2014: No significant change observed. 9/12/2013: No significant change observed. 08/22/2012: The erosion occurred on a berm of approximately 25 ft. wide. Site is covered with dense vegetation. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2015 Site ID:NA0017U16RM14.48]					

Photo 1 of 2 : SJR2015\_NA0017U16RM14.48\_1.jpg



View of the site from the right river bank.

LM Start	<b>8.34</b>	Rating **	M	Issue No.	<b>36 (cont)</b>
LM End	<b>8.38</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SJR2015\_NA0017U16RM14.48\_4.jpg



Close view of the erosion.

LM Start	<b>8.44</b>	Rating **	U	Issue No.	<b>829</b>
LM End	<b>8.44</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.968980 °	37.968980 °
				-121.117942 °	-121.117942 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:43086 DS_ID:23438 EP_NO: 12607 FS_HLM: 8.687 Repair Type: Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_3144.jpg



Pipe visible at LS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>8.44</b>	Rating **	U	Issue No.	<b>829 (cont)</b>
LM End	<b>8.44</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.968980 °	37.968980 °
				-121.117942 °	-121.117942 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:43086 DS_ID:23438 EP_NO: 12607 FS_HLM: 8.687 Repair Type: Urgent Crossing Status: Found UCIP Comments: No flapgate installed as designed and permitted. FIELD_STRUCT_DESC: 42-inch diameter CM drainage pipe through the levee. 4-feet below the crown. (Permit No. 12607 - Keiji & Steve Fujinaka) FS Date: 04/30/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_3145.jpg



Pipe visible on WS slope.

LM Start	<b>8.44</b>	Rating **	U	Issue No.	<b>829 (cont)</b>
LM End	<b>8.44</b>	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_FA\_2015\_3146.jpg



Pipe visible at LS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>8.56</b>	Rating **	M	Issue No.	<b>830</b>
LM End	<b>8.56</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.968420 °	37.968420 °
				-121.120037 °	-121.120037 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:35791 DS_ID:23341 EP_NO: N/A FS_HLM: 8.815 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 1 of 2 : UCIP\_FA\_2015\_3147.jpg



Grout over pipe on WS slope visible.

LM Start	<b>8.56</b>	Rating **	M	Issue No.	<b>830 (cont)</b>
LM End	<b>8.56</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP\_FA\_2015\_3148.jpg



Low point on LS toe is likely location of pipe entrance.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>8.60</b>	Rating **	M	Issue No.	<b>128</b>
LM End	<b>8.60</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		37.968157 °	37.968157 °	
			-121.120620 °	-121.120620 °	
DWR ID	DWR_NA0017_16_s_2013_128				
Action/Comments					
Repair slope instability.					

Photo 1 of 2 : FA\_2015\_NA0017\_160\_128\_20150911\_00069.jpg



Updated picture of the slope instability on the waterside of the levee looking upstream during spring 2014 inspection.

LM Start	<b>8.60</b>	Rating **	M	Issue No.	<b>128 (cont)</b>
LM End	<b>8.60</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA\_2015\_NA0017\_160\_128\_20150911\_00070.jpg



Slope instability was found on the waterside slope of the levee looking downstream.

LM Start	<b>8.67</b>	Rating **	M	Issue No.	<b>831</b>
LM End	<b>8.67</b>	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.968170 °	37.968170 °	
			-121.121919 °	-121.121919 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41359 DS_ID:24953 EP_NO: N/A FS_HLM: 8.928 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 1 : UCIP\_FA\_2015\_5770.jpg



Pipe and riprap on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>8.68</b>	Rating **	M	Issue No.	<b>248</b>
LM End	<b>8.68</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		37.968169 °	37.968169 °	
			-121.122047 °	-121.122047 °	
DWR ID	DWR_NA0017_16_s_2015_248				
Action/Comments					
Note and monitor erosion site. Inspector Comments: Runoff					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_248\_20150911\_00144.jpg



Erosion was found on the waterside looking downstream.

LM Start	<b>8.68</b>	Rating **	C	Issue No.	<b>127</b>
LM End	<b>8.68</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.968164 °	37.968164 °	
			-121.122184 °	-121.122184 °	
DWR ID	DWR_NA0017_16_f_2013_127				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Collapsed animal hole on the waterside shoulder of the levee.					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>8.75</b>	Rating **	M	Issue No.	<b>832</b>
LM End	<b>8.75</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.967740 °	37.967740 °
				-121.123197 °	-121.123197 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:36143 DS_ID:23343 EP_NO: N/A FS_HLM: 9.008 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Subsidence over pipe on crown of "levee". Likely a result of bad compaction during installation. FIELD_STRUCT_DESC: 12-inch steel irrigation pipe through the levee 3-feet below the crown. Slant pump, meter, and one-way check valve on WS slope. Power pole, electrical panel, filter plant, and butterfly valve off LS shoulder. FS Date: 04/30/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_4878.jpg



Subsidence over pipe with electrical panel, booster pump, butterfly valve, and filter plant visible in background.

LM Start	<b>8.75</b>	Rating **	M	Issue No.	<b>832 (cont)</b>
LM End	<b>8.75</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_4879.jpg



Meter and checkvalve on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>8.75</b>	Rating **	M	Issue No.	<b>832 (cont)</b>
LM End	<b>8.75</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.967740 °	37.967740 °
				-121.123197 °	-121.123197 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:36143 DS_ID:23343 EP_NO: N/A FS_HLM: 9.008 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_4880.jpg



Slant pump on WS slope.

LM Start	<b>8.75</b>	Rating **	M	Issue No.	<b>833</b>
LM End	<b>8.75</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.967738 °	37.967738 °
				-121.123210 °	-121.123210 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41360 DS_ID:24954 EP_NO: N/A FS_HLM: 9.009 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for crossing. FIELD_STRUCT_DESC: 6-inch PVC backwash pipe through the levee at an unknown depth below the crown. Pump and filter plant on LS. FS Date: 04/30/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_5771.jpg



PVC backwash pipe at filter plant on LS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>8.75</b>	Rating **	M	Issue No.	<b>833 (cont)</b>
LM End	<b>8.75</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.967738 °	37.967738 °
				-121.123210 °	-121.123210 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41360 DS_ID:24954 EP_NO: N/A FS_HLM: 9.009 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for crossing. FIELD_STRUCT_DESC: 6-inch PVC backwash pipe through the levee at an unknown depth below the crown. Pump and filter plant on LS. FS Date: 04/30/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_5772.jpg



Dip in roadway over apparent pipe alignment.

LM Start	<b>8.75</b>	Rating **	M	Issue No.	<b>833 (cont)</b>
LM End	<b>8.75</b>	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_FA\_2015\_5773.jpg



White PVC pipe visible on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>9.00</b>	Rating **	M	Issue No.	<b>18</b>
LM End	<b>9.00</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.966615 °	37.966615 °
				-121.127328 °	-121.127328 °
DWR ID					
Action/Comments					
Inspector Comments: 8/12/2015: No significant change observed. 8/20/2014: No significant change observed. 9/12/2013: No significant change observed. 08/22/2012: Pocket erosion at the levee toe and slope. The erosion is covered with dense vegetation. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in					

Photo 1 of 2 : SJR2015\_NA0017U16RM13.86\_2.jpg



Front view of the erosion.

LM Start	<b>9.00</b>	Rating **	M	Issue No.	<b>18 (cont)</b>
LM End	<b>9.00</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SJR2015\_NA0017U16RM13.86\_5.jpg



Closer view of the erosion.

LM Start	<b>9.11</b>	Rating **	M	Issue No.	<b>14</b>
LM End	<b>9.13</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.966922 °	37.966922 °
				-121.129533 °	-121.129533 °
DWR ID					
Action/Comments					
Inspector Comments: 8/12/2015: No significant change observed. 8/20/2014: No significant change observed. 9/12/2013: No significant change observed. 08/22/2012: The erosion is covered with dense vegetation. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2015 Site ID:NA0017U16RM13.72]					

Photo 1 of 3 : SJR2015\_NA0017U16RM13.72\_3.jpg



Close view of the erosion.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	9.11	Rating **	M	Issue No.	14 (cont)
LM End	9.13	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.966922 °	37.966922 °
				-121.129533 °	-121.129533 °
DWR ID					
Action/Comments					
Inspector Comments: 8/12/2015: No significant change observed. 8/20/2014: No significant change observed. 9/12/2013: No significant change observed. 08/22/2012: The erosion is covered with dense vegetation. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2015 Site ID:NA0017U16RM13.72]					

Photo 2 of 3 : SJR2015\_NA0017U16RM13.72\_4.jpg



Close view of the erosion.

LM Start	9.11	Rating **	M	Issue No.	14 (cont)
LM End	9.13	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SJR2015\_NA0017U16RM13.72\_5.jpg



Front view of the erosion.

LM Start	9.21	Rating **	M	Issue No.	834
LM End	9.21	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.966980 °	37.966980 °
				-121.131216 °	-121.131216 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41361 DS_ID:24955 EP_NO: N/A FS_HLM: 9.491 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 1 : UCIP\_FA\_2015\_5774.jpg



pipe and riprap visible on WS slope.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>9.22</b>	Rating **	U	Issue No.	<b>147</b>
LM End	<b>9.22</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.966952 °	37.966952 °	
			-121.131360 °	-121.131360 °	
DWR ID	DWR_NA0017_16_s_2012_147				
Action/Comments					
Pipe Inspector Comments: PVC pipe under the crown of the levee.					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_147\_20150911\_00083.jpg



A PVC pipe was found on the waterside slope of the levee looking upstream.

LM Start	<b>9.48</b>	Rating **	M	Issue No.	<b>28</b>
LM End	<b>9.48</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		37.966239 °	37.966239 °	
			-121.136172 °	-121.136172 °	
DWR ID	DWR_NA0017_16_f_2013_28				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Erosion was found on the waterside toe of the levee.					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_28\_20150911\_00011.jpg



View of the erosion on the waterside toe of the levee looking from the opposite side of the 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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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>9.48</b>	Rating **	M	Issue No.	<b>835</b>
LM End	<b>9.48</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.965880 °	37.965880 °
				-121.135897 °	-121.135897 °
DWR ID					

**Action/Comments**  
 Inspector Comments: FS\_ID:36144  
 DS\_ID:23344  
 EP\_NO: N/A  
 FS\_HLM: 9.768  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: Inlet appears to be buried with soil on LS. Pipe heavily corroded at outlet on WS toe. Good candidate for video inspection.  
 FIELD\_STRUCT\_DESC: 18-inch CM stormdrain pipe 3.5 feet below the roadway. Grouted spillway and inlet. O&M Manual SJR 611.1 Vol. F.  
 FS Date: 04/30/2014

LM Start	<b>9.48</b>	Rating **	M	Issue No.	<b>835 (cont)</b>
LM End	<b>9.48</b>	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP\_FA\_2015\_4881.jpg



Pipe completely rusted through at outlet on WS toe.

Photo 2 of 3 : UCIP\_FA\_2015\_4882.jpg



Grout over pipe on WS slope with pipe visible in water at WS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>9.48</b>	Rating **	M	Issue No.	<b>835 (cont)</b>
LM End	<b>9.48</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.965880 °	37.965880 °
				-121.135897 °	-121.135897 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:36144 DS_ID:23344 EP_NO: N/A FS_HLM: 9.768 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_4883.jpg



Inlet on LS shoulder burried in soil.

LM Start	<b>9.49</b>	Rating **	C	Issue No.	<b>194</b>
LM End	<b>9.49</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.965854 °	37.965854 °
				-121.135960 °	-121.135960 °
DWR ID	DWR_NA0017_16_s_2012_194				
Action/Comments					
Pipe Inspector Comments: Drain pipe from the farmer needs repair.					

No Photos

LM Start	<b>9.78</b>	Rating **	M	Issue No.	<b>836</b>
LM End	<b>9.78</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.964912 °	37.964912 °
				-121.140827 °	-121.140827 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:36145 DS_ID:23345 EP_NO: N/A FS_HLM: 10.071 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Inlet on LS burried in soil. FIELD_STRUCT_DESC: 18-inch CM stormdrain pipe through the levee 3.5 feet below the crown. Grouted spillway and inlet. O&M Manual SJR 611.1 Vol. F. FS Date: 04/30/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_4884.jpg



Inlet appears to be burried in soil on LS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>9.78</b>	Rating **	M	Issue No.	<b>836 (cont)</b>
LM End	<b>9.78</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.964912 °	37.964912 °
				-121.140827 °	-121.140827 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:36145 DS_ID:23345 EP_NO: N/A FS_HLM: 10.071 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Inlet on LS burried in soil. FIELD_STRUCT_DESC: 18-inch CM stormdrain pipe through the levee 3.5 feet below the crown. Grouted spillway and inlet. O&M Manual SJR 611.1 Vol. F. FS Date: 04/30/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_4885.jpg



Pipe at outlet on WS toe.

LM Start	<b>9.78</b>	Rating **	M	Issue No.	<b>836 (cont)</b>
LM End	<b>9.78</b>	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_4886.jpg



Grout over pipe on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>9.86</b>	Rating **	M	Issue No.	<b>10</b>
LM End	<b>9.88</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR Erosion Survey		37.964735 °	37.964735 °	
			-121.142503 °	-121.142503 °	
DWR ID					
Action/Comments					
Inspector Comments: 8/12/2015: No significant change observed. 8/20/2014: No significant change observed. 9/12/2013: No significant change observed. 08/22/2012: Dense vegetation on site. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2015 Site ID:NA0017U16RM12.95]					

Photo 1 of 2 : SJR2015\_NA0017U16RM12.95\_2.jpg



Front view of the erosion.

LM Start	<b>9.86</b>	Rating **	M	Issue No.	<b>10 (cont)</b>
LM End	<b>9.88</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SJR2015\_NA0017U16RM12.95\_5.jpg



Closer view of the erosion.

LM Start	<b>9.94</b>	Rating **	M	Issue No.	<b>837</b>
LM End	<b>9.94</b>	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.964720 °	37.964720 °	
			-121.143880 °	-121.143880 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39070 DS_ID:24956 EP_NO: N/A FS_HLM: 10.245 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_5775.jpg



Pipe visible on LS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>9.94</b>	Rating **	M	Issue No.	<b>837 (cont)</b>
LM End	<b>9.94</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.964720 °	37.964720 °
				-121.143880 °	-121.143880 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39070 DS_ID:24956 EP_NO: N/A FS_HLM: 10.245 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: WS slope is being eroded by flow. FIELD_STRUCT_DESC: 12-inch CMP drain pipe through the levee 3-feet below the crown. FS Date: 04/30/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_5776.jpg



Pipe visible on slope. Note erosion on WS slope.

LM Start	<b>9.94</b>	Rating **	M	Issue No.	<b>837 (cont)</b>
LM End	<b>9.94</b>	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_FA\_2015\_5777.jpg



Pipe visible on LS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>10.19</b>	Rating **	M	Issue No.	<b>838</b>
LM End	<b>10.19</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.964670 °	37.964670 °
				-121.148455 °	-121.148455 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:36163 DS_ID:23347 EP_NO: N/A FS_HLM: 10.505 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_4921.jpg



Headwall and pipe with heavy sediment buildup on LS toe.

LM Start	<b>10.19</b>	Rating **	M	Issue No.	<b>838 (cont)</b>
LM End	<b>10.19</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_4922.jpg



Pipe and headwall visible at LS toe.

LM Start	<b>10.19</b>	Rating **	M	Issue No.	<b>838 (cont)</b>
LM End	<b>10.19</b>	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_FA\_2015\_4923.jpg



Pipe and flapgate visible on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>10.20</b>	Rating **	M	Issue No.	<b>839</b>
LM End	<b>10.20</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.964657 °	37.964657 °
				-121.148499 °	-121.148499 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41948 DS_ID:24957 EP_NO: N/A FS_HLM: 10.507 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 1 : UCIP\_FA\_2015\_5804.jpg



Conduit visible on upstream side of the bridge.

LM Start	<b>10.21</b>	Rating **	M	Issue No.	<b>840</b>
LM End	<b>10.21</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.964659 °	37.964659 °
				-121.148717 °	-121.148717 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:36170 DS_ID:23349 EP_NO: N/A FS_HLM: 10.519 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and if so should be done so properly. FIELD_STRUCT_DESC: 12-inch steel irrigation pipe through the levee 5.0-feet below the roadway. Pump missing from concrete base on the waterward slope. Butterfly valve on pipe at pump location on WS slope. 36-inch concrete standpipe, power pole, and electrical panel on the landward side. 2-inch galvanized iron electrical conduit 10-feet downstream from pipe crossing. O&M Manual SJR 611.1 Vol. F. FS Date: 05/06/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_4924.jpg



Pipe and butterfly valve at concrete pump pad on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>10.21</b>	Rating **	M	Issue No.	<b>840 (cont)</b>
LM End	<b>10.21</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.964659 °	37.964659 °
				-121.148717 °	-121.148717 °
DWR ID					

**Action/Comments**

Inspector Comments: FS\_ID:36170  
 DS\_ID:23349  
 EP\_NO: N/A  
 FS\_HLM: 10.519  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: Pipe appears abandoned and if so should be done so properly.  
 FIELD\_STRUCT\_DESC: 12-inch steel irrigation pipe through the levee 5.0-feet below the roadway. Pump missing from concrete base on the waterward slope. Butterfly valve on pipe at pump location on WS slope. 36-inch concrete standpipe, power pole, and electrical panel on the landward side. 2-inch galvanized iron electrical conduit 10-feet downstream from pipe crossing. O&M Manual SJR 611.1 Vol. F. FS Date: 05/06/2014

LM Start	<b>10.21</b>	Rating **	M	Issue No.	<b>840 (cont)</b>
LM End	<b>10.21</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_4925.jpg



Electrical conduit on WS slope.

Photo 3 of 3 : UCIP\_FA\_2015\_4926.jpg



Pipe and pump pad on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>10.45</b>	Rating **	M	Issue No.	<b>91</b>
LM End	<b>10.45</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.964159 °	37.964159 °	
			-121.153094 °	-121.153094 °	
DWR ID	DWR_NA0017_16_s_2012_91				
Action/Comments					
Prunings					

No Photos

LM Start	<b>10.48</b>	Rating **	M	Issue No.	<b>80</b>
LM End	<b>10.48</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.964053 °	37.964053 °	
			-121.153671 °	-121.153671 °	
DWR ID	DWR_NA0017_16_s_2012_80				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	<b>10.51</b>	Rating **	M	Issue No.	<b>81</b>
LM End	<b>10.51</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.963807 °	37.963807 °	
			-121.154087 °	-121.154087 °	
DWR ID	DWR_NA0017_16_s_2012_81				
Action/Comments					
Pole					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>10.53</b>	Rating **	M	Issue No.	<b>841</b>
LM End	<b>10.53</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.963754 °	37.963754 °
				-121.154344 °	-121.154344 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:36175 DS_ID:23488 EP_NO: N/A FS_HLM: 10.841 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Verify type of abandonment as standpipe still present on WS shoulder may indicate pipe is still installed. FIELD_STRUCT_DESC: 2 of 2: *ABANDONED* 12-inch concrete pipe through the levee 5.0-feet below the roadway. Pump mounted on steel pilings with 10-inch intake pipe. 36-inch concrete standpipe and service pole on the waterward side. O&M Manual SJR 611.1 Vol. F. FS Date: 05/06/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_5016.jpg



Pipe with steel plate welded over end visible at standpipe on WS shoulder.

LM Start	<b>10.53</b>	Rating **	M	Issue No.	<b>841 (cont)</b>
LM End	<b>10.53</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP\_FA\_2015\_5017.jpg



Concrete standpipe and pump platform visible on WS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>10.53</b>	Rating **	M	Issue No.	<b>842</b>
LM End	<b>10.53</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.963754 °	37.963754 °
				-121.154344 °	-121.154344 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:36176 DS_ID:23350 EP_NO: N/A FS_HLM: 10.841 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 1 of 2 : UCIP\_FA\_2015\_4359.jpg



Pump, standpipe, and pipe visible on WS shoulder.

LM Start	<b>10.53</b>	Rating **	M	Issue No.	<b>842 (cont)</b>
LM End	<b>10.53</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP\_FA\_2015\_5018.jpg



Steel plate welded over pipe on WS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>10.53</b>	Rating **	M	Issue No.	<b>159</b>
LM End	<b>10.57</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.963704 °	37.963524 °	
			-121.154321 °	-121.155045 °	
DWR ID	DWR_NA0017_16_s_2012_159				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_159\_20150911\_00089.jpg



View of landscaping on waterward side looking upstream.

LM Start	<b>10.73</b>	Rating **	M	Issue No.	<b>843</b>
LM End	<b>10.73</b>	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.962755 °	37.962755 °	
			-121.157857 °	-121.157857 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:36179 DS_ID:23351 EP_NO: N/A FS_HLM: 11.05 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Inlet appears to be burried on LS toe. FIELD_STRUCT_DESC: 18-inch CM stormdrain pipe 3.5 feet below the roadway. Grout over pipe in spillway. O&M Manual SJR 611.1 Vol. F. FS Date: 05/06/2014					

Photo 1 of 1 : UCIP\_FA\_2015\_4360.jpg



Grout over pipe visible on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>10.75</b>	Rating **	M	Issue No.	<b>90</b>
LM End	<b>10.75</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.962472 °	37.962472 °	
			-121.158112 °	-121.158112 °	
DWR ID	DWR_NA0017_16_s_2012_90				
Action/Comments					
Prunings					

Photo 1 of 2 : FA\_2015\_NA0017\_160\_90\_20150911\_00046.jpg



Prunings were found on the waterside shoulder of the levee looking downstream.

LM Start	<b>10.75</b>	Rating **	M	Issue No.	<b>90 (cont)</b>
LM End	<b>10.75</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA\_2015\_NA0017\_160\_90\_20150911\_00047.jpg



Prunings were found on the waterside of the levee looking downstream.

LM Start	<b>10.79</b>	Rating **	M	Issue No.	<b>139</b>
LM End	<b>10.79</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		37.962182 °	37.962182 °	
			-121.158684 °	-121.158684 °	
DWR ID	DWR_NA0017_16_s_2013_139				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 2 : FA\_2015\_NA0017\_160\_139\_20150911\_00078.jpg



Updated picture of the erosion on the waterside shoulder of the levee looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>10.79</b>	Rating **	M	Issue No.	<b>139 (cont)</b>
LM End	<b>10.79</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.962182 °	37.962182 °
				-121.158684 °	-121.158684 °
DWR ID	DWR_NA0017_16_s_2013_139				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 2 of 2 : FA\_2015\_NA0017\_160\_139\_20150911\_00079.jpg



Erosion was found on the waterside of the levee looking downstream.

LM Start	<b>10.84</b>	Rating **	C	Issue No.	<b>140</b>
LM End	<b>10.84</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.961681 °	37.961681 °
				-121.159346 °	-121.159346 °
DWR ID	DWR_NA0017_16_s_2013_140				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	<b>10.87</b>	Rating **	M	Issue No.	<b>787</b>
LM End	<b>10.87</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			°	°
				°	°
DWR ID	DWR_NA0017_16_s_2012_787				
Action/Comments					
Debris					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_787\_20150911\_00162.jpg



Concrete debris was found on the waterside of the levee looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>10.87</b>	Rating **	M	Issue No.	<b>844</b>
LM End	<b>10.87</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.961525 °	37.961525 °
				-121.159876 °	-121.159876 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41682 DS_ID:24959 EP_NO: N/A FS_HLM: 11.194 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for crossing. FIELD_STRUCT_DESC: 8-inch steel irrigation pipe 3-feet below the crown. Pump on concrete pad on WS slope. Butterfly valve and vent on the WS slope. Filter and butterfly valve on LS. FS Date: 05/06/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_5805.jpg



Meter and electrical panel on LS shoulder.

LM Start	<b>10.87</b>	Rating **	M	Issue No.	<b>844 (cont)</b>
LM End	<b>10.87</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_5806.jpg



Pump, butterfly valve, and vent on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>10.87</b>	Rating **	M	Issue No.	<b>844 (cont)</b>
LM End	<b>10.87</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.961525 °	37.961525 °
				-121.159876 °	-121.159876 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41682 DS_ID:24959 EP_NO: N/A FS_HLM: 11.194 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_5807.jpg



Pipe, vent, butterfly valve, filter, and standpipe on LS shoulder.

LM Start	<b>10.88</b>	Rating **	M	Issue No.	<b>845</b>
LM End	<b>10.88</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.961534 °	37.961534 °
				-121.159906 °	-121.159906 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:36185 DS_ID:23419 EP_NO: 15943 FS_HLM: 11.196 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and open on WS end. Pipe should be abandoned properly. FIELD_STRUCT_DESC: 12-inch pipe 3.0 feet below the roadway. Pump mounted on concrete pad on the waterward side. Switch box the waterward side. Electrical conduit through the levee. 30-inch concrete standpipe on the landward side. (Permit No. 15943-1992 Ralph Panella Enterprises) O&M Manual SJR 611.1 Vol. F. FS Date: 05/06/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_4361.jpg



Standpipe on LS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>10.88</b>	Rating **	M	Issue No.	<b>845 (cont)</b>
LM End	<b>10.88</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.961534 °	37.961534 °
				-121.159906 °	-121.159906 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:36185 DS_ID:23419 EP_NO: 15943 FS_HLM: 11.196 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and open on WS end. Pipe should be abandoned properly. FIELD_STRUCT_DESC: 12-inch pipe 3.0 feet below the roadway. Pump mounted on concrete pad on the waterward side. Switch box the waterward side. Electrical conduit through the levee. 30-inch concrete standpipe on the landward side. (Permit No. 15943-1992 Ralph Panella Enterprises) O&M Manual SJR 611.1 Vol. F. FS Date: 05/06/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_4362.jpg



Abandoned pipe visible at pump platform/headwall on WS slope.

LM Start	<b>10.88</b>	Rating **	M	Issue No.	<b>845 (cont)</b>
LM End	<b>10.88</b>	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_FA\_2015\_4363.jpg



Abandoned pipe visible at pump platform/headwall on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>10.89</b>	Rating **	M	Issue No.	<b>108</b>
LM End	<b>10.89</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.961494 °	37.961494 °	
			-121.160196 °	-121.160196 °	
DWR ID	DWR_NA0017_16_s_2014_108				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_108\_20150911\_00053.jpg



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

LM Start	<b>11.20</b>	Rating **	M	Issue No.	<b>88</b>
LM End	<b>11.26</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.960282 °	37.960118 °	
			-121.165380 °	-121.166580 °	
DWR ID	DWR_NA0017_16_s_2012_88				
Action/Comments					
Equipment					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_88\_20150911\_00045.jpg



Equipment was found on the waterside of the levee looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>11.43</b>	Rating **	M	Issue No.	<b>846</b>
LM End	<b>11.43</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.960208 °	37.960208 °
				-121.169534 °	-121.169534 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41683 DS_ID:24960 EP_NO: N/A FS_HLM: 11.754 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 12-inch PVC irrigation pipe through the levee at an unknown depth below the crown. Pump, vent, filter, and butterfly valve on WS berm. Butterfly valve and vent off LS toe. FS Date: 05/06/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_5808.jpg



Pump, vent, butterfly valve, filter, and pipe visible on WS berm. Gravel likely covers pipe alignment.

LM Start	<b>11.43</b>	Rating **	M	Issue No.	<b>846 (cont)</b>
LM End	<b>11.43</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_5809.jpg



Likely butterfly valve and vent for this crossing on LS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>11.43</b>	Rating **	M	Issue No.	<b>846 (cont)</b>
LM End	<b>11.43</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.960208 °	37.960208 °
				-121.169534 °	-121.169534 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41683 DS_ID:24960 EP_NO: N/A FS_HLM: 11.754 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_5810.jpg



Pump, vent, butterfly valve, filter, and pipe visible on WS berm. Gravel likely covers pipe alignment.

LM Start	<b>11.43</b>	Rating **	M	Issue No.	<b>847</b>
LM End	<b>11.43</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.960216 °	37.960216 °
				-121.169618 °	-121.169618 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:36207 DS_ID:23357 EP_NO: N/A FS_HLM: 11.76 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Verify status of crossing as pipe is disconnected at pump and appears abandoned. FIELD_STRUCT_DESC: 10-inch pipe through the levee 4.0 feet below the crown. 36-inch concrete standpipe on the waterward side. Pump mounted over well on the waterward side. 8-inch intake pipe from channel to standpipe appears disconnected. Switch panel on the waterward side. Underground electric conduit to pump. O&M Manual SJR 611.1 Vol. F. FS Date: 05/06/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_4364.jpg



Pump and concrete standpipe on WS berm.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>11.43</b>	Rating **	M	Issue No.	<b>847 (cont)</b>
LM End	<b>11.43</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.960216 °	37.960216 °
				-121.169618 °	-121.169618 °
DWR ID					

**Action/Comments**

Inspector Comments: FS\_ID:36207  
 DS\_ID:23357  
 EP\_NO: N/A  
 FS\_HLM: 11.76  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: Verify status of crossing as pipe is disconnected at pump and appears abandoned.  
 FIELD\_STRUCT\_DESC: 10-inch pipe through the levee 4.0 feet below the crown. 36-inch concrete standpipe on the waterward side. Pump mounted over well on the waterward side. 8-inch intake pipe from channel to standpipe appears disconnected. Switch panel on the waterward side. Underground electric conduit to pump. O&M Manual SJR 611.1 Vol. F.  
 FS Date: 05/06/2014

Photo 2 of 3 : UCIP\_FA\_2015\_4365.jpg



Inside standpipe on WS berm. Flapgate on pipe to pump in previous picture. Note 10-inch pipe below and to right of flapgate is one that goes through the levee.

LM Start	<b>11.43</b>	Rating **	M	Issue No.	<b>847 (cont)</b>
LM End	<b>11.43</b>	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_FA\_2015\_4366.jpg



Pump and concrete standpipe on WS berm.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>11.62</b>	Rating **	M	Issue No.	<b>239</b>
LM End	<b>11.62</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.960902 °	37.960902 °
				-121.172881 °	-121.172881 °
DWR ID	DWR_NA0017_16_f_2015_239				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	<b>11.95</b>	Rating **	M	Issue No.	<b>848</b>
LM End	<b>11.95</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.961434 °	37.961434 °
				-121.178942 °	-121.178942 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:36223 DS_ID:23386 EP_NO: N/A FS_HLM: 12.286 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Abandoned concrete standpipe on LS slope. Pipe has been excavated on LS toe area should be restored. FIELD_STRUCT_DESC: 12-inch steel irrigation pipe through the levee 5.0-feet below the crown. Slant Pump on waterward bank. Cobble grouted pooling area in channel. 10-inch PVC standpipe at LS toe. Deep water levee. Deep water well on berm. 1.5-inch galvanized iron electrical conduit at same location O&M Manual SJR 611.1 Vol. F. Permit No. 7638, 1972. FS Date: 05/06/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_4367.jpg



Pipe and pump visible on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	11.95	Rating **	M	Issue No.	848 (cont)
LM End	11.95	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.961434 °	37.961434 °
				-121.178942 °	-121.178942 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:36223 DS_ID:23386 EP_NO: N/A FS_HLM: 12.286 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Abandoned concrete standpipe on LS slope. Pipe has been excavated on LS toe area should be restored. FIELD_STRUCT_DESC: 12-inch steel irrigation pipe through the levee 5.0-feet below the crown. Slant Pump on waterward bank. Cobble grouted pooling area in channel. 10-inch PVC standpipe at LS toe. Deep water levee. Deep water well on berm. 1.5-inch galvanized iron electrical conduit at same location O&M Manual SJR 611.1 Vol. F. Permit No. 7638, 1972. FS Date: 05/06/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_4368.jpg



Slant pump on WS slope.

LM Start	11.95	Rating **	M	Issue No.	848 (cont)
LM End	11.95	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_4369.jpg



Power pole, electrical panel, abandoned concrete standpipe, and turnout area on LS toe.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>12.25</b>	Rating **	M	Issue No.	<b>126</b>
LM End	<b>12.25</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.960563 °	37.960563 °
				-121.184384 °	-121.184384 °
DWR ID	DWR_NA0017_16_s_2012_126				
Action/Comments					
Pole					

No Photos

LM Start	<b>12.62</b>	Rating **	M	Issue No.	<b>262</b>
LM End	<b>12.62</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.960225 °	37.960225 °
				-121.190983 °	-121.190983 °
DWR ID	DWR_NA0017_16_f_2014_262				
Action/Comments					
Ditch					

No Photos

LM Start	<b>12.62</b>	Rating **	M	Issue No.	<b>244</b>
LM End	<b>12.83</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.960191 °	37.959433 °
				-121.190993 °	-121.194736 °
DWR ID	DWR_NA0017_16_f_2015_244				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>12.70</b>	Rating **	A	Issue No.	<b>247</b>
LM End	<b>12.83</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.959834 °	37.959433 °
				-121.192461 °	-121.194736 °
DWR ID	DWR_NA0017_16_f_2015_247				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	<b>12.84</b>	Rating **	M	Issue No.	<b>849</b>
LM End	<b>12.84</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.959523 °	37.959523 °
				-121.194876 °	-121.194876 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:36245 DS_ID:23391 EP_NO: 6095 FS_HLM: 13.192 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned and if so should be done so properly. FIELD_STRUCT_DESC: 18-inch steel irrigation pipe through the levee on an angle, 4.5 feet below the crown. Wire cage around slant pump on the waterward slope. Abandoned water well at the landward toe. Underground electric conduit through the levee. (App. No. 6095 - Ray Camera) O&M Manual SJR 611.1 Vol. F. FS Date: 05/06/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_5706.jpg



Butterfly valve on WS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	12.84	Rating **	M	Issue No.	849 (cont)
LM End	12.84	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.959523 °	37.959523 °
				-121.194876 °	-121.194876 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:36245 DS_ID:23391 EP_NO: 6095 FS_HLM: 13.192 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned and if so should be done so properly. FIELD_STRUCT_DESC: 18-inch steel irrigation pipe through the levee on an angle, 4.5 feet below the crown. Wire cage around slant pump on the waterward slope. Abandoned water well at the landward toe. Underground electric conduit through the levee. (App. No. 6095 - Ray Camera) O&M Manual SJR 611.1 Vol. F. FS Date: 05/06/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_5707.jpg



Pump missing parts on WS shoulder.

LM Start	12.84	Rating **	M	Issue No.	849 (cont)
LM End	12.84	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_FA\_2015\_5708.jpg



Pump in fenced pen on WS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>12.94</b>	Rating **	C	Issue No.	<b>261</b>
LM End	<b>12.94</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.960292 °	37.960292 °
				-121.196308 °	-121.196308 °
DWR ID	DWR_NA0017_16_f_2014_261				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	<b>13.12</b>	Rating **	M	Issue No.	<b>251</b>
LM End	<b>13.12</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.960387 °	37.960387 °
				-121.199492 °	-121.199492 °
DWR ID	DWR_NA0017_16_s_2015_251				
Action/Comments					
Prunings					

No Photos

LM Start	<b>14.25</b>	Rating **	M	Issue No.	<b>249</b>
LM End	<b>14.25</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.967046 °	37.967046 °
				-121.217319 °	-121.217319 °
DWR ID	DWR_NA0017_16_f_2015_249				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Runoff					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_249\_20151023\_00167.jpg



View of the erosion caused by surface runoff on the landside of the levee.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>14.48</b>	Rating **	U	Issue No.	<b>260</b>
LM End	<b>14.48</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.968800 °	37.968800 °
				-121.220755 °	-121.220755 °
DWR ID	DWR_NA0017_16_f_2014_260				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_260\_20150911\_00147.jpg



Rodent holes were found on the landside slope of the levee looking upstream.

LM Start	<b>14.59</b>	Rating **	M	Issue No.	<b>259</b>
LM End	<b>14.59</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.969732 °	37.969732 °
				-121.222552 °	-121.222552 °
DWR ID	DWR_NA0017_16_f_2014_259				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	<b>14.61</b>	Rating **	U	Issue No.	<b>273</b>
LM End	<b>14.61</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.969913 °	37.969913 °
				-121.222870 °	-121.222870 °
DWR ID	DWR_NA0017_16_s_2015_273				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_273\_20150911\_00156.jpg



Rodent holes were found on the landside of the levee looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>14.76</b>	Rating **	M	Issue No.	<b>850</b>
LM End	<b>14.76</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.970975 °	37.970975 °
				-121.225127 °	-121.225127 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:36284 DS_ID:23395 EP_NO: 14796 FS_HLM: 15.137 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Appears abandoned as Siphon breaker is filled with soil and no pipe is visible at WS toe. Verify status of pipe. FIELD_STRUCT_DESC: 4-inch steel stormdrain pipe through levee, 2.5-feet below the crown. Siphon breaker in 12-inch steel standpipe on LS shoulder (Permit No. 14796 - Search Development, Inc.) FS Date: 05/06/2014					

Photo 1 of 1 : UCIP\_FA\_2015\_5741.jpg



Siphon breaker in 12-inch standpipe on LS shoulder. Standpipe filled with soil.

LM Start	<b>14.87</b>	Rating **	M	Issue No.	<b>51</b>
LM End	<b>15.82</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.971744 °	37.978244 °
				-121.226974 °	-121.242206 °
DWR ID	DWR_NA0017_16_s_2014_51				
Action/Comments					
Ditch Inspector Comments: Concrete lined ditch					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>15.21</b>	Rating **	M	Issue No.	<b>851</b>
LM End	<b>15.21</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.974060 °	37.974060 °
				-121.232510 °	-121.232510 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41524 DS_ID:24961 EP_NO: N/A FS_HLM: 15.6 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: No permit identified for crossing. FIELD_STRUCT_DESC: Electrical conduit through the levee at an unknown depth below the crown. Cut in pavement visible across crown. 3'X2' Christy box on WS shoulder next to control panel. FS Date: 05/07/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_5811.jpg



Christy box and control panel off LS toe along edge of roadway. Likely source of crossing.

LM Start	<b>15.21</b>	Rating **	M	Issue No.	<b>851 (cont)</b>
LM End	<b>15.21</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_5812.jpg



Cut in pavement over conduit at crown, looking toward WS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>15.21</b>	Rating **	M	Issue No.	<b>851 (cont)</b>
LM End	<b>15.21</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.974060 °	37.974060 °
				-121.232510 °	-121.232510 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41524 DS_ID:24961 EP_NO: N/A FS_HLM: 15.6 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP\_FA\_2015\_5813.jpg



Cut in pavement over conduit at crown, looking toward LS toe.

LM Start	<b>16.12</b>	Rating **	M	Issue No.	<b>71</b>
LM End	<b>16.12</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.980250 °	37.980250 °
				-121.247141 °	-121.247141 °
DWR ID	DWR_NA0017_16_s_2014_71				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>16.39</b>	Rating **	U	Issue No.	<b>852</b>
LM End	<b>16.39</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.982114 °	37.982114 °
				-121.251592 °	-121.251592 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41245 DS_ID:23441 EP_NO: 13142 FS_HLM: 16.8 Repair Type: Urgent Crossing Status: Found UCIP Comments: Outlet on WS slope appears to be filled with soil and should be cleared. No flapgate. FIELD_STRUCT_DESC: 10-inch steel stormdrain discharge pipe through the levee 5-feet below the crown. Two pumps and two gatevalves at LS toe. Pipe visible on WS slope (Permit No. 13142 - Operating Engineers Local Union No. 3) FS Date: 05/07/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_5674.jpg



Vegetation and soil blocking outlet on WS slope.

LM Start	<b>16.39</b>	Rating **	U	Issue No.	<b>852 (cont)</b>
LM End	<b>16.39</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_5675.jpg



Siphon breaker in 22-inch CMP riser on LS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>16.39</b>	Rating **	U	Issue No.	<b>852 (cont)</b>
LM End	<b>16.39</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.982114 °	37.982114 °
				-121.251592 °	-121.251592 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41245 DS_ID:23441 EP_NO: 13142 FS_HLM: 16.8 Repair Type: Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_5676.jpg



Pumps and gatevalves on LS toe.

LM Start	<b>16.43</b>	Rating **	M	Issue No.	<b>150</b>
LM End	<b>16.43</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.982318 °	37.982318 °
				-121.252095 °	-121.252095 °
DWR ID	DWR_NA0017_16_s_2013_150				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Runoff					

Photo 1 of 2 : FA\_2015\_NA0017\_160\_150\_20150911\_00084.jpg



Updated picture of the erosion on the landside shoulder of the levee looking upstream during spring 2015 inspection.

LM Start	<b>16.43</b>	Rating **	M	Issue No.	<b>150 (cont)</b>
LM End	<b>16.43</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA\_2015\_NA0017\_160\_150\_20150911\_00085.jpg



Erosion was found on the landside of the levee looking downstream.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>17.15</b>	Rating **	M	Issue No.	<b>69</b>
LM End	<b>17.19</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.987313 °	37.987607 °	
			-121.263725 °	-121.264392 °	
DWR ID	DWR_NA0017_16_s_2012_69				
Action/Comments					
Fence					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_69\_20150911\_00037.jpg



A fence was found on the landside toe of the levee looking upstream.

LM Start	<b>17.41</b>	Rating **	M	Issue No.	<b>853</b>
LM End	<b>17.41</b>	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.989070 °	37.989070 °	
			-121.267940 °	-121.267940 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39088 DS_ID:24962 EP_NO: N/A FS_HLM: 17.829 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine what conduit is for. No permit identified for crossing. FIELD_STRUCT_DESC: 4-inch steel conduit through the levee at an unknown depth. Pipe attached to upstream side of bridge. FS Date: 05/07/2014					

Photo 1 of 1 : UCIP\_FA\_2015\_5814.jpg



Pipe visible on uderside of upstream side of bridge.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>17.80</b>	Rating **	M	Issue No.	<b>854</b>
LM End	<b>17.80</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.991735 °	37.991735 °
				-121.274145 °	-121.274145 °
DWR ID					

**Action/Comments**  
 Inspector Comments: FS\_ID:41246  
 DS\_ID:23366  
 EP\_NO: 10515  
 FS\_HLM: 18.22  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: Some erosion on upstream side of headwall. No flapgate.  
 FIELD\_STRUCT\_DESC: 1 of 4: 27-inch steel drainpipe through the levee 5.0-feet below the crown. Pumping plant on the landward side. 44-inch concrete riser on WS shoulder and concrete headwall at WS toe  
 (Permit No.10515 - Southern Pacific Industrial Development Co.)  
 FS Date: 05/07/2014

LM Start	<b>17.80</b>	Rating **	M	Issue No.	<b>854 (cont)</b>
LM End	<b>17.80</b>	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP\_FA\_2015\_4706.jpg



Headwall and pipe visible on WS toe.

Photo 2 of 3 : UCIP\_FA\_2015\_4707.jpg



Concrete riser on WS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>17.80</b>	Rating **	M	Issue No.	<b>854 (cont)</b>
LM End	<b>17.80</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.991735 °	37.991735 °
				-121.274145 °	-121.274145 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41246 DS_ID:23366 EP_NO: 10515 FS_HLM: 18.22 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_4708.jpg



Pumphouse on LS toe.

LM Start	<b>17.89</b>	Rating **	U	Issue No.	<b>855</b>
LM End	<b>17.89</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.992333 °	37.992333 °
				-121.275620 °	-121.275620 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:37168 DS_ID:23414 EP_NO: 4995 FS_HLM: 18.311 Repair Type: Urgent Crossing Status: Not Found UCIP Comments: Unable to locate line. Contact PG&E to determine disposition of line and install markers if necessary. FIELD_STRUCT_DESC: 3/4-inch high pressure gas line through the levee 3-feet below the crown. Pipe runs along downstream side of old Sanguinetti lane bridge site (now extension of Mighty Oak Drive) (Permit No. 4995 - PG&E). FS Date: 05/07/2014					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>18.14</b>	Rating **	M	Issue No.	<b>856</b>
LM End	<b>18.14</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.993817 °	37.993817 °
				-121.279880 °	-121.279880 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:37183 DS_ID:23367 EP_NO: N/A FS_HLM: 18.57 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Need to determine disposition of pipe with PG&E or other authority. FIELD_STRUCT_DESC: High pressure gas line through the levee and under the channel. FS Date: 05/07/2014					

No Photos

LM Start	<b>18.25</b>	Rating **	M	Issue No.	<b>857</b>
LM End	<b>18.25</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.993714 °	37.993714 °
				-121.281763 °	-121.281763 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41945 DS_ID:23368 EP_NO: 14322 FS_HLM: 18.676 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to determine Permit No. for crossing as PN: 14322 appears to have been for GTE, not pac bell and was withdrawn by applicant. FIELD_STRUCT_DESC: Communication line-Fiber optic line through the levee at unknown depth beneath the crown. Pacific Bell Fiber Optic line markers along rail tracks on downstream side of railroad tracks on both sides of Mormon Slough. FS Date: 05/07/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_4723.jpg



Fiber optic line markers on south side of slough.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	18.25	Rating **	M	Issue No.	857 (cont)	
LM End	18.25	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
			Start	End		
Item	DWR UCIP Field Study			37.993714 °	37.993714 °	
				-121.281763 °	-121.281763 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:41945 DS_ID:23368 EP_NO: 14322 FS_HLM: 18.676 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to determine Permit No. for crossing as PN: 14322 appears to have been for GTE, not pac bell and was withdrawn by applicant. FIELD_STRUCT_DESC: Communication line-Fiber optic line through the levee at unknown depth beneath the crown. Pacific Bell Fiber Optic line markers along rail tracks on downstream side of railroad tracks on both sides of Mormon Slough. FS Date: 05/07/2014						

Photo 2 of 2 : UCIP\_FA\_2015\_4724.jpg



Fiber optic line markers on south side of slough.

LM Start	18.54	Rating **	M	Issue No.	858	
LM End	18.54	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
			Start	End		
Item	DWR UCIP Field Study			37.992476 °	37.992476 °	
				-121.286713 °	-121.286713 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:37224 DS_ID:23500 EP_NO: 14601 FS_HLM: 18.968 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Verify with PG&E that this pipe is still in use. FIELD_STRUCT_DESC: 10-inch steel gas pipeline through the levee and under the channel at unknown depth. (Permit No. 14601 references this existing pipe but is not for this pipe) FS Date: 05/07/2014						

Photo 1 of 1 : UCIP\_FA\_2015\_4901.jpg



Gasline marker on oposite bank.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>18.57</b>	Rating **	M	Issue No.	<b>143</b>
LM End	<b>18.77</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.992385 °	37.992564 °
				-121.287251 °	-121.290846 °
DWR ID	DWR_NA0017_16_s_2012_143				
Action/Comments					
Fence					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_143\_20150911\_00082.jpg



View of a fence along the landward toe looking upstream.

LM Start	<b>18.79</b>	Rating **	M	Issue No.	<b>859</b>
LM End	<b>18.79</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.992483 °	37.992483 °
				-121.291215 °	-121.291215 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41949 DS_ID:24964 EP_NO: N/A FS_HLM: 19.226 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: Communication cable markers along downstream side of bridge. FS Date: 05/07/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_5816.jpg



Comm line marker on LS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>18.79</b>	Rating **	M	Issue No.	<b>859 (cont)</b>
LM End	<b>18.79</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.992483 °	37.992483 °
				-121.291215 °	-121.291215 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41949 DS_ID:24964 EP_NO: N/A FS_HLM: 19.226 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: Communication cable markers along downstream side of bridge. FS Date: 05/07/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_5817.jpg



Comm line marker on LS toe.

LM Start	<b>18.79</b>	Rating **	M	Issue No.	<b>859 (cont)</b>
LM End	<b>18.79</b>	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_5818.jpg



Comm line marker on opposite bank.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>19.03</b>	Rating **	M	Issue No.	<b>137</b>
LM End	<b>19.16</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.991653 °	37.991169 °	
			-121.295441 °	-121.297768 °	
DWR ID	DWR_NA0017_16_s_2012_137				
Action/Comments					
Fence Inspector Comments: Barbed wire					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_137\_20150911\_00077.jpg



View of a barbed wire fence and landscaping along the landward shoulder and slope looking upstream.

LM Start	<b>19.04</b>	Rating **	N	Issue No.	<b>65</b>
LM End	<b>19.04</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		37.991617 °	37.991617 °	
			-121.295628 °	-121.295628 °	
DWR ID	DWR_NA0017_16_s_2012_65				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_65\_20150911\_00033.jpg



A tree stump was found on the landside of the levee looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>19.24</b>	Rating **	U	Issue No.	<b>860</b>
LM End	<b>19.24</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.991044 °	37.991044 °
				-121.299183 °	-121.299183 °
DWR ID					

**Action/Comments**  
 Inspector Comments: FS\_ID:42863  
 DS\_ID:23374  
 EP\_NO: 3175  
 FS\_HLM: 19.679  
 Repair Type: Urgent  
 Crossing Status: Found  
 UCIP Comments: Wet hole over pipe on LS slope indicating pipe failure.  
 FIELD\_STRUCT\_DESC: 1 of 3: 16-inch steel stormdrain pipe through the levee 3.5 feet. Below crown. Flap gate on waterward end. Siphon breaker in 42-inch concrete riser units at the waterward shoulder. Concrete headwall at the landward toe. Concrete block pump house on the landward side. Chain link fence around pump house. (Permit No.3175 - City of Stockton) O&M Manual SJR Assumed 999.  
 FS Date: 05/07/2014

Photo 1 of 3 : UCIP\_FA\_2015\_4902.jpg



vent in concrete standpipe on WS shoulder.

LM Start	<b>19.24</b>	Rating **	U	Issue No.	<b>860 (cont)</b>
LM End	<b>19.24</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_4903.jpg



Hole over pipe on LS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>19.24</b>	Rating **	U	Issue No.	<b>860 (cont)</b>
LM End	<b>19.24</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.991044 °	37.991044 °
				-121.299183 °	-121.299183 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:42863 DS_ID:23374 EP_NO: 3175 FS_HLM: 19.679 Repair Type: Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_4904.jpg



Hole over pipe on LS slope.

LM Start	<b>19.24</b>	Rating **	U	Issue No.	<b>861</b>
LM End	<b>19.24</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.991048 °	37.991048 °
				-121.299203 °	-121.299203 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:42984 DS_ID:23496 EP_NO: 3175 FS_HLM: 19.681 Repair Type: Urgent Crossing Status: Found UCIP Comments: Flapgate missing from WS toe. FIELD_STRUCT_DESC: 2 of 3: 18-inch steel drainage pipe through the levee 3.5 feet. Below crown. Flap gate on waterward end. Siphon breaker in 42-inch concrete riser units at the waterward shoulder. Concrete headwall at the landward toe. Concrete block pump house on the landward side. Chain link fence around pump house. (Permit No.3175 - City of Stockton) O&M Manual SJR Assumed 999. FS Date: 05/07/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_4905.jpg



Flapgate missing from pipe on WS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	19.24	Rating **	U	Issue No.	861 (cont)
LM End	19.24	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
	Start		End		
Item	DWR UCIP Field Study			37.991048 °	37.991048 °
				-121.299203 °	-121.299203 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:42984 DS_ID:23496 EP_NO: 3175 FS_HLM: 19.681 Repair Type: Urgent Crossing Status: Found UCIP Comments: Flapgates missing from WS toe. FIELD_STRUCT_DESC: 2 of 3: 18-inch steel drainage pipe through the levee 3.5 feet. Below crown. Flap gate on waterward end. Siphon breaker in 42-inch concrete riser units at the waterward shoulder. Concrete headwall at the landward toe. Concrete block pump house on the landward side. Chain link fence around pump house. (Permit No.3175 - City of Stockton) O&M Manual SJR Assumed 999. FS Date: 05/07/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_4906.jpg



Center concrete riser on WS shoulder.

LM Start	19.24	Rating **	U	Issue No.	861 (cont)
LM End	19.24	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_4907.jpg



Pipe at center of picture.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown N/A : Not Applicable	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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>19.24</b>	Rating **	U	Issue No.	<b>862</b>
LM End	<b>19.24</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.991044 °	37.991044 °
				-121.299218 °	-121.299218 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:37245 DS_ID:23497 EP_NO: 3175 FS_HLM: 19.6814 Repair Type: Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_4908.jpg



Concrete riser on WS shoulder.

LM Start	<b>19.24</b>	Rating **	U	Issue No.	<b>862 (cont)</b>
LM End	<b>19.24</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_4909.jpg



Pipe to right in picture.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>19.24</b>	Rating **	U	Issue No.	<b>862 (cont)</b>
LM End	<b>19.24</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.991044 °	37.991044 °
				-121.299218 °	-121.299218 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:37245 DS_ID:23497 EP_NO: 3175 FS_HLM: 19.6814 Repair Type: Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_4910.jpg



Pipe to right in picture.

LM Start	<b>19.38</b>	Rating **	M	Issue No.	<b>134</b>
LM End	<b>19.45</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.991130 °	37.990950 °
				-121.301742 °	-121.303084 °
DWR ID	DWR_NA0017_16_s_2012_134				
Action/Comments					
Fence					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_134\_20150911\_00074.jpg



View of a fence along the landward toe looking upstream.

LM Start	<b>19.45</b>	Rating **	M	Issue No.	<b>133</b>
LM End	<b>19.47</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.990948 °	37.990903 °
				-121.303099 °	-121.303354 °
DWR ID	DWR_NA0017_16_s_2012_133				
Action/Comments					
Fence Inspector Comments: Wire fence					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_133\_20150911\_00073.jpg



Wire fence was found on the toe of landside of the levee looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>19.60</b>	Rating **	U	Issue No.	<b>78</b>
LM End	<b>19.79</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.989681 °	37.987126 °	
			-121.305221 °	-121.306587 °	
DWR ID	DWR_NA0017_16_s_2012_78				
Action/Comments					
Fence Inspector Comments: Fences were found on the slope of the levee.					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_78\_20150911\_00041.jpg



Fences were obstructing the landside slope of the levee looking downstream.

LM Start	<b>19.65</b>	Rating **	M	Issue No.	<b>34</b>
LM End	<b>19.65</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.988942 °	37.988942 °	
			-121.305548 °	-121.305548 °	
DWR ID	DWR_NA0017_16_s_2012_34				
Action/Comments					
Landscaping					

No Photos

LM Start	<b>19.68</b>	Rating **	M	Issue No.	<b>33</b>
LM End	<b>19.68</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.988632 °	37.988632 °	
			-121.305733 °	-121.305733 °	
DWR ID	DWR_NA0017_16_s_2012_33				
Action/Comments					
Landscaping					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>19.70</b>	Rating **	M	Issue No.	<b>77</b>
LM End	<b>19.70</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.988436 °	37.988436 °	
			-121.305966 °	-121.305966 °	
DWR ID	DWR_NA0017_16_s_2012_77				
Action/Comments					
Landscaping					

No Photos

LM Start	<b>19.71</b>	Rating **	M	Issue No.	<b>32</b>
LM End	<b>19.71</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.988215 °	37.988215 °	
			-121.305940 °	-121.305940 °	
DWR ID	DWR_NA0017_16_s_2012_32				
Action/Comments					
Landscaping					

No Photos

LM Start	<b>19.72</b>	Rating **	M	Issue No.	<b>31</b>
LM End	<b>19.72</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.988035 °	37.988035 °	
			-121.306035 °	-121.306035 °	
DWR ID	DWR_NA0017_16_s_2012_31				
Action/Comments					
Landscaping					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>19.73</b>	Rating **	M	Issue No.	<b>30</b>
LM End	<b>19.73</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.987907 °	37.987907 °	
			-121.306102 °	-121.306102 °	
DWR ID	DWR_NA0017_16_s_2012_30				
Action/Comments					
Landscaping					

No Photos

LM Start	<b>19.75</b>	Rating **	M	Issue No.	<b>29</b>
LM End	<b>19.75</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.987723 °	37.987723 °	
			-121.306157 °	-121.306157 °	
DWR ID	DWR_NA0017_16_s_2012_29				
Action/Comments					
Landscaping					

No Photos

LM Start	<b>19.81</b>	Rating **	M	Issue No.	<b>26</b>
LM End	<b>19.81</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.986900 °	37.986900 °	
			-121.306694 °	-121.306694 °	
DWR ID	DWR_NA0017_16_f_2015_26				
Action/Comments					
Fence					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>19.81</b>	Rating **	M	Issue No.	<b>161</b>
LM End	<b>19.81</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.986848 °	37.986848 °	
			-121.306716 °	-121.306716 °	
DWR ID	DWR_NA0017_16_s_2013_161				
Action/Comments					
Tank Inspector Comments: An unpermitted tank was found on the landside toe of the levee.					

Photo 1 of 2 : FA\_2015\_NA0017\_160\_161\_20150911\_00090.jpg



View of the tank (unpermitted) on the landside toe of the levee looking upstream.

LM Start	<b>19.81</b>	Rating **	M	Issue No.	<b>161 (cont)</b>
LM End	<b>19.81</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA\_2015\_NA0017\_160\_161\_20150911\_00091.jpg



A newly installed tank (unpermitted) was found on the landside toe of the levee looking downstream.

LM Start	<b>19.87</b>	Rating **	C	Issue No.	<b>257</b>
LM End	<b>19.87</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.986090 °	37.986090 °	
			-121.307283 °	-121.307283 °	
DWR ID	DWR_NA0017_16_f_2014_257				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>19.88</b>	Rating **	C	Issue No.	<b>276</b>
LM End	<b>19.88</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.985971 °	37.985971 °	
			-121.307357 °	-121.307357 °	
DWR ID	DWR_NA0017_16_s_2015_276				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	<b>19.92</b>	Rating **	C	Issue No.	<b>256</b>
LM End	<b>19.92</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.985457 °	37.985457 °	
			-121.307658 °	-121.307658 °	
DWR ID	DWR_NA0017_16_f_2014_256				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	<b>19.99</b>	Rating **	M	Issue No.	<b>178</b>
LM End	<b>20.03</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.984576 °	37.984215 °	
			-121.308320 °	-121.308818 °	
DWR ID	DWR_NA0017_16_s_2012_178				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_178\_20150911\_00109.jpg



Landscaping was found on the toe of landside of the levee looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>20.08</b>	Rating **	M	Issue No.	<b>863</b>
LM End	<b>20.08</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.983699 °	37.983699 °
				-121.309523 °	-121.309523 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41951 DS_ID:24966 EP_NO: N/A FS_HLM: 20.537 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1 of 2: 6-inch steel conduit through the levee at an unknown depth below the crown. Pipe visible at attachment to downstream side of north bound lane bridge. There is a 42-inch steel manhole 100-feet LS of the bridge. FS Date: 05/08/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_5819.jpg



Steel conduit mounted on downstream side of northbound bridge.

LM Start	<b>20.08</b>	Rating **	M	Issue No.	<b>863 (cont)</b>
LM End	<b>20.08</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP\_FA\_2015\_5825.jpg



Manhole off LS shoulder in median.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>20.08</b>	Rating **	M	Issue No.	<b>864</b>
LM End	<b>20.08</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.983697 °	37.983697 °
				-121.309529 °	-121.309529 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41952 DS_ID:24967 EP_NO: N/A FS_HLM: 20.537 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 2 : UCIP\_FA\_2015\_5820.jpg



Steel conduit mounted on downstream side of northbound bridge.

LM Start	<b>20.08</b>	Rating **	M	Issue No.	<b>864 (cont)</b>
LM End	<b>20.08</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP\_FA\_2015\_5824.jpg



Comm line manhole in median off LS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>20.08</b>	Rating **	M	Issue No.	<b>865</b>
LM End	<b>20.08</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.983671 °	37.983671 °
				-121.309566 °	-121.309566 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41953 DS_ID:24970 EP_NO: N/A FS_HLM: 20.4 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_5821.jpg



Conduit mounted on upstream side of southbound lane bridge.

LM Start	<b>20.08</b>	Rating **	M	Issue No.	<b>865 (cont)</b>
LM End	<b>20.08</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_5822.jpg



Conduit mounted on upstream side of southbound lane bridge.

LM Start	<b>20.08</b>	Rating **	M	Issue No.	<b>865 (cont)</b>
LM End	<b>20.08</b>	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_5823.jpg



PG&E electrical line marker on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>20.09</b>	Rating **	M	Issue No.	<b>866</b>
LM End	<b>20.09</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.983583 °	37.983583 °
				-121.309708 °	-121.309708 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:39121 DS_ID:23379 EP_NO: N/A FS_HLM: 20.55 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 1 of 3 : UCIP\_FA\_2015\_4827.jpg



Excavation over pipe and valve at bridge abutment.

LM Start	<b>20.09</b>	Rating **	M	Issue No.	<b>866 (cont)</b>
LM End	<b>20.09</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_4828.jpg



Pipe visible on downstream side of bridge.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>20.09</b>	Rating **	M	Issue No.	<b>866 (cont)</b>
LM End	<b>20.09</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.983583 °	37.983583 °
DWR ID				-121.309708 °	-121.309708 °
Action/Comments					
Inspector Comments: FS_ID:39121 DS_ID:23379 EP_NO: N/A FS_HLM: 20.55 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP\_FA\_2015\_4829.jpg



Pipe visible on downstream side of bridge.

LM Start	<b>20.16</b>	Rating **	M	Issue No.	<b>867</b>
LM End	<b>20.16</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.982958 °	37.982958 °
DWR ID				-121.310697 °	-121.310697 °
Action/Comments					
Inspector Comments: FS_ID:37268 DS_ID:23380 EP_NO: 14392 FS_HLM: 20.621 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Vent in christy box on LS shoulder covered in soil may need maintenance. FIELD_STRUCT_DESC: 6-inch steel pipe, 2.0 feet below crown. 3'X2' Christy box on LS shoulder. 4-foot diameter steel sump and pump in parking lot 100-feet off LS toe (Permit No. 14392-1986) FS Date: 05/08/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_4830.jpg



Sump pump visible in parking lot off LS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	20.16	Rating **	M	Issue No.	867 (cont)	
LM End	20.16	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
			Start	End		
Item	DWR UCIP Field Study			37.982958 °	37.982958 °	
				-121.310697 °	-121.310697 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:37268 DS_ID:23380 EP_NO: 14392 FS_HLM: 20.621 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Vent in christy box on LS shoulder covered in soil may need maintenance. FIELD_STRUCT_DESC: 6-inch steel pipe, 2.0 feet below crown. 3'X2' Christy box on LS shoulder. 4-foot diameter steel sump and pump in parking lot 100-feet off LS toe (Permit No. 14392-1986) FS Date: 05/08/2014						

Photo 2 of 2 : UCIP\_FA\_2015\_4831.jpg



Christy box on LS shoulder with sump pump visible in parking lot off LS toe.

LM Start	20.37	Rating **	M	Issue No.	868	
LM End	20.37	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
			Start	End		
Item	DWR UCIP Field Study			37.981019 °	37.981019 °	
				-121.313574 °	-121.313574 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:42003 DS_ID:24975 EP_NO: N/A FS_HLM: 20.83 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 8-inch steel conduit through the levee at an unknown depth below the crown. 24-inch HDPE riser on WS slope. FS Date: 05/08/2014						

Photo 1 of 1 : UCIP\_FA\_2015\_5826.jpg



Pipe and HDPE standpipe visible under footbridge on WS slope.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>20.37</b>	Rating **	M	Issue No.	<b>869</b>
LM End	<b>20.37</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.980996 °	37.980996 °
				-121.313595 °	-121.313595 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41954 DS_ID:24972 EP_NO: N/A FS_HLM: 20.832 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: Six 4-inch steel conduits through the levee at an unknown depth below the crown. Visible on underside of foot bridge. 3'X5' steel access box/sump on WS shoulder. FS Date: 05/08/2014					

Photo 1 of 1 : UCIP\_FA\_2015\_5828.jpg



Six 4-inch steel conduits visible in rack under footbridge on WS slope.

LM Start	<b>20.37</b>	Rating **	M	Issue No.	<b>870</b>
LM End	<b>20.37</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.980993 °	37.980993 °
				-121.313607 °	-121.313607 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41955 DS_ID:24973 EP_NO: N/A FS_HLM: 20.832 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: Two 2-inch steel conduits through the levee at an unknown depth below the crown. Visible on underside of foot bridge. 3'X5' steel access box/sump on WS shoulder. FS Date: 05/08/2014					

Photo 1 of 1 : UCIP\_FA\_2015\_5827.jpg



Two 2-inch conduits at center of group in photo.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>20.37</b>	Rating **	M	Issue No.	<b>130</b>
LM End	<b>20.37</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.980958 °	37.980958 °	
			-121.313596 °	-121.313596 °	
DWR ID	DWR_NA0017_16_s_2012_130				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_130\_20150911\_00071.jpg



View of landscaping planted and maintained by UOP along the landward slope and toe looking upstream.

LM Start	<b>20.50</b>	Rating **	U	Issue No.	<b>277</b>
LM End	<b>20.50</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.979717 °	37.979717 °	
			-121.315241 °	-121.315241 °	
DWR ID	DWR_NA0017_16_s_2015_277				
Action/Comments					
Building					
Inspector Comments: Existing permit #15851. New construction of the well was not part of the permit. An NOV was issued to UOP.					

Photo 1 of 2 : FA\_2015\_NA0017\_160\_277\_20151023\_00168.jpg



Updated picture of the well on the landside slope of the levee during fall 2015 inspection.

LM Start	<b>20.50</b>	Rating **	U	Issue No.	<b>277 (cont)</b>
LM End	<b>20.50</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA\_2015\_NA0017\_160\_277\_20150911\_00158.jpg



View of the newly construction well on the landside slope of the levee looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>20.50</b>	Rating **	U	Issue No.	<b>174</b>
LM End	<b>20.50</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.979679 °	37.979679 °	
			-121.315359 °	-121.315359 °	
DWR ID	DWR_NA0017_16_s_2013_174				
Action/Comments					
Tank Inspector Comments: It appears to be a compressor on the waterside shoulder of the levee.					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_174\_20150911\_00105.jpg



A compressor was found on the waterside shoulder of the levee looking upstream.

LM Start	<b>20.58</b>	Rating **	C	Issue No.	<b>278</b>
LM End	<b>20.58</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.979405 °	37.979405 °	
			-121.316733 °	-121.316733 °	
DWR ID	DWR_NA0017_16_s_2015_278				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	<b>20.72</b>	Rating **	M	Issue No.	<b>25</b>
LM End	<b>20.72</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.978855 °	37.978855 °	
			-121.319108 °	-121.319108 °	
DWR ID	DWR_NA0017_16_s_2012_25				
Action/Comments					
Fence					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>20.73</b>	Rating **	U	Issue No.	<b>24</b>
LM End	<b>20.73</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.978958 °	37.978958 °	
			-121.319258 °	-121.319258 °	
DWR ID	DWR_NA0017_16_s_2012_24				
Action/Comments					
Fence					

No Photos

LM Start	<b>20.74</b>	Rating **	U	Issue No.	<b>23</b>
LM End	<b>20.74</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.979107 °	37.979107 °	
			-121.319415 °	-121.319415 °	
DWR ID	DWR_NA0017_16_s_2012_23				
Action/Comments					
Fence					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_23\_20150911\_00009.jpg



A fence was found on the landside toe of the levee looking upstream.

LM Start	<b>20.79</b>	Rating **	N	Issue No.	<b>95</b>
LM End	<b>20.79</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		37.979739 °	37.979739 °	
			-121.319993 °	-121.319993 °	
DWR ID	DWR_NA0017_16_s_2012_95				
Action/Comments					
Tree stumps.					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>20.83</b>	Rating **	N	Issue No.	<b>84</b>
LM End	<b>20.83</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		37.980085 °	37.980085 °	
			-121.320448 °	-121.320448 °	
DWR ID	DWR_NA0017_16_s_2012_84				
Action/Comments					
Tree stumps.					

No Photos

LM Start	<b>20.85</b>	Rating **	C	Issue No.	<b>83</b>
LM End	<b>20.85</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.980192 °	37.980192 °	
			-121.320720 °	-121.320720 °	
DWR ID	DWR_NA0017_16_f_2013_83				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	<b>20.90</b>	Rating **	C	Issue No.	<b>175</b>
LM End	<b>20.90</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		37.980477 °	37.980477 °	
			-121.321656 °	-121.321656 °	
DWR ID	DWR_NA0017_16_s_2013_175				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>20.97</b>	Rating **	M	Issue No.	<b>197</b>
LM End	<b>20.97</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.980569 °	37.980569 °
				-121.322985 °	-121.322985 °
DWR ID	DWR_NA0017_16_s_2013_197				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 2 : FA\_2015\_NA0017\_160\_197\_20150911\_00116.jpg



Updated picture of the erosion on the waterside of the levee looking upstream during spring 2014 inspection.

LM Start	<b>20.97</b>	Rating **	M	Issue No.	<b>197 (cont)</b>
LM End	<b>20.97</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA\_2015\_NA0017\_160\_197\_20150911\_00117.jpg



Erosion was found on the waterside slope of the levee looking upstream.

LM Start	<b>21.07</b>	Rating **	M	Issue No.	<b>279</b>
LM End	<b>21.07</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.980866 °	37.980866 °
				-121.324682 °	-121.324682 °
DWR ID	DWR_NA0017_16_s_2015_279				
Action/Comments					
Debris					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_279\_20151023\_00169.jpg



Debris was found on the waterside shoulder of the levee.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>21.08</b>	Rating **	M	Issue No.	<b>871</b>
LM End	<b>21.08</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.980905 °	37.980905 °
				-121.324926 °	-121.324926 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:37383 DS_ID:23401 EP_NO: N/A FS_HLM: 21.553 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and if so should be done so properly. Pipe open on waterward end. FIELD_STRUCT_DESC: *ABANDONED* 8-inch steel pipe through the levee 4.2 feet below the crown. Pipe open on the waterward end. Plate welded on the landward end. O&M Manual SJR Assumed 999. FS Date: 05/08/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_3788.jpg



Pipe open on WS slope.

LM Start	<b>21.08</b>	Rating **	M	Issue No.	<b>871 (cont)</b>
LM End	<b>21.08</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_3789.jpg



Pipe on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>21.08</b>	Rating **	M	Issue No.	<b>871 (cont)</b>
LM End	<b>21.08</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.980905 °	37.980905 °
				-121.324926 °	-121.324926 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:37383 DS_ID:23401 EP_NO: N/A FS_HLM: 21.553 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_3790.jpg



Pipe on LS slope.

LM Start	<b>21.12</b>	Rating **	M	Issue No.	<b>22</b>
LM End	<b>21.12</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.980918 °	37.980918 °
				-121.325630 °	-121.325630 °
DWR ID	DWR_NA0017_16_s_2012_22				
Action/Comments					
Landscaping					

No Photos

LM Start	<b>21.18</b>	Rating **	M	Issue No.	<b>27</b>
LM End	<b>21.18</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.981235 °	37.981235 °
				-121.326604 °	-121.326604 °
DWR ID	DWR_NA0017_16_f_2015_27				
Action/Comments					
Debris					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>21.18</b>	Rating **	M	Issue No.	<b>21</b>
LM End	<b>21.18</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.981132 °	37.981132 °	
			-121.326753 °	-121.326753 °	
DWR ID	DWR_NA0017_16_s_2012_21				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_21\_20150911\_00008.jpg



Landscaping was found on the landside of the levee looking upstream.

LM Start	<b>21.25</b>	Rating **	U	Issue No.	<b>20</b>
LM End	<b>21.25</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.981185 °	37.981185 °	
			-121.327822 °	-121.327822 °	
DWR ID	DWR_NA0017_16_s_2012_20				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_20\_20150911\_00007.jpg



Landscaping was found on the landside shoulder of the levee looking upstream.

LM Start	<b>21.27</b>	Rating **	M	Issue No.	<b>19</b>
LM End	<b>21.27</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.980972 °	37.980972 °	
			-121.328217 °	-121.328217 °	
DWR ID	DWR_NA0017_16_s_2012_19				
Action/Comments					
Landscaping					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>21.31</b>	Rating **	M	Issue No.	<b>74</b>
LM End	<b>21.31</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		37.980773 °	37.980773 °	
			-121.328866 °	-121.328866 °	
DWR ID	DWR_NA0017_16_f_2013_74				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Runoff					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_74\_20150911\_00040.jpg



Erosion due to runoff was found on the waterside of the levee looking upstream.

LM Start	<b>21.37</b>	Rating **	M	Issue No.	<b>67</b>
LM End	<b>21.37</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.980529 °	37.980529 °	
			-121.329822 °	-121.329822 °	
DWR ID	DWR_NA0017_16_s_2012_67				
Action/Comments					
Retaining Wall Inspector Comments: Retaining wall on waterside toe of the levee.					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_67\_20150911\_00035.jpg



A retaining wall was found on the waterside toe of the levee looking upstream.

LM Start	<b>21.39</b>	Rating **	M	Issue No.	<b>17</b>
LM End	<b>21.39</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.980288 °	37.980288 °	
			-121.330173 °	-121.330173 °	
DWR ID	DWR_NA0017_16_s_2012_17				
Action/Comments					
Landscaping					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>21.42</b>	Rating **	M	Issue No.	<b>16</b>
LM End	<b>21.42</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.980178 °	37.980178 °	
			-121.330588 °	-121.330588 °	
DWR ID	DWR_NA0017_16_s_2012_16				
Action/Comments					
Landscaping					

No Photos

LM Start	<b>21.43</b>	Rating **	M	Issue No.	<b>9</b>
LM End	<b>21.43</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.980147 °	37.980147 °	
			-121.330945 °	-121.330945 °	
DWR ID	DWR_NA0017_16_f_2012_9				
Action/Comments					
Stairway					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_9\_20150911\_00002.jpg



Stairs and fence were located on the waterside slope of the levee looking downstream.

LM Start	<b>21.43</b>	Rating **	U	Issue No.	<b>12</b>
LM End	<b>21.43</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.980147 °	37.980147 °	
			-121.330947 °	-121.330947 °	
DWR ID	DWR_NA0017_16_f_2012_12				
Action/Comments					
Fence					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_12\_20150911\_00004.jpg



A fence was found on the landside shoulder of the levee looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>21.44</b>	Rating **	M	Issue No.	<b>15</b>
LM End	<b>21.44</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.980042 °	37.980042 °	
			-121.330953 °	-121.330953 °	
DWR ID	DWR_NA0017_16_s_2012_15				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_15\_20150911\_00006.jpg



Landscaping was found on the landside of the levee looking downstream.

LM Start	<b>21.45</b>	Rating **	U	Issue No.	<b>35</b>
LM End	<b>21.45</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.980048 °	37.980048 °	
			-121.331246 °	-121.331246 °	
DWR ID	DWR_NA0017_16_f_2015_35				
Action/Comments					
Fence					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_35\_20151023\_00170.jpg



A fence was found on the waterside shoulder of the levee.

LM Start	<b>21.51</b>	Rating **	M	Issue No.	<b>11</b>
LM End	<b>21.51</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.979652 °	37.979652 °	
			-121.332265 °	-121.332265 °	
DWR ID	DWR_NA0017_16_s_2012_11				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_11\_20150911\_00003.jpg



View of landscaping on the waterside of the levee looking upstream.

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

Levee Inspection Report By Mile - Fall 2015

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	21.54	Rating **	M	Issue No.	761
LM End	21.54	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments			°	°
DWR ID	DWR_NA0017_16_s_2012_761				
Action/Comments					
Pipe					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_761\_20150911\_00161.jpg



An abandoned pipe was found on the waterside of the levee looking downstream.

LM Start	21.54	Rating **	M	Issue No.	872
LM End	21.54	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.979776	°	37.979776
			-121.332826	°	-121.332826
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:37386 DS_ID:23402 EP_NO: N/A FS_HLM: 22.017 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Determine if there is a permit for this crossing. FIELD_STRUCT_DESC: 2-inch galvanized pipe through the levee approximately 3-feet below the crown. FS Date: 05/08/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6513.jpg



Siphon breaker, valve, and likely a pump visible off LS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	21.54	Rating **	M	Issue No.	872 (cont)
LM End	21.54	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.979776 °	37.979776 °
				-121.332826 °	-121.332826 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:37386 DS_ID:23402 EP_NO: N/A FS_HLM: 22.017 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Determine if there is a permit for this crossing. FIELD_STRUCT_DESC: 2-inch galvanized pipe through the levee approximately 3-feet below the crown. FS Date: 05/08/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_6514.jpg



Pipe visible on WS slope in places.

LM Start	21.54	Rating **	M	Issue No.	872 (cont)
LM End	21.54	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_FA\_2015\_6515.jpg



Pipe visible at WS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>21.61</b>	Rating **	M	Issue No.	<b>8</b>
LM End	<b>21.61</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.979820 °	37.979820 °	
			-121.334107 °	-121.334107 °	
DWR ID	DWR_NA0017_16_s_2012_8				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_8\_20150911\_00001.jpg



View of the landscape on the landside of the levee looking upstream.

LM Start	<b>21.67</b>	Rating **	M	Issue No.	<b>7</b>
LM End	<b>21.67</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.979717 °	37.979717 °	
			-121.335107 °	-121.335107 °	
DWR ID	DWR_NA0017_16_s_2012_7				
Action/Comments					
Landscaping					

No Photos

LM Start	<b>21.68</b>	Rating **	M	Issue No.	<b>68</b>
LM End	<b>21.68</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		37.979674 °	37.979674 °	
			-121.335228 °	-121.335228 °	
DWR ID	DWR_NA0017_16_f_2012_68				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_68\_20150911\_00036.jpg



Erosion was found on the waterside slope of the levee looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>21.69</b>	Rating **	U	Issue No.	<b>118</b>
LM End	<b>21.89</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.979630 °	37.979450 °	
			-121.335440 °	-121.339030 °	
DWR ID	DWR_NA0017_16_s_2012_118				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_118\_20150911\_00062.jpg



View of landscaping along landward slope looking upstream.

LM Start	<b>21.69</b>	Rating **	M	Issue No.	<b>124</b>
LM End	<b>21.70</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.979622 °	37.979570 °	
			-121.335440 °	-121.335620 °	
DWR ID	DWR_NA0017_16_s_2012_124				
Action/Comments					
Fence Inspector Comments: Metal open fence					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_124\_20150911\_00067.jpg



View of a fence and landscaping along the landward shoulder and slope looking upstream.

LM Start	<b>21.69</b>	Rating **	M	Issue No.	<b>6</b>
LM End	<b>21.69</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.979598 °	37.979598 °	
			-121.335428 °	-121.335428 °	
DWR ID	DWR_NA0017_16_s_2012_6				
Action/Comments					
Fence					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>21.71</b>	Rating **	M	Issue No.	<b>122</b>
LM End	<b>21.74</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.979505 °	37.979381 °
				-121.335823 °	-121.336341 °
DWR ID	DWR_NA0017_16_s_2012_122				
Action/Comments					
Fence					

No Photos

LM Start	<b>21.71</b>	Rating **	U	Issue No.	<b>123</b>
LM End	<b>21.74</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.979453 °	37.979400 °
				-121.335830 °	-121.336337 °
DWR ID	DWR_NA0017_16_s_2012_123				
Action/Comments					
Fence Inspector Comments: Solid wood fence					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_123\_20150911\_00066.jpg



View of a fence along the landward shoulder and slope looking upstream.

LM Start	<b>21.73</b>	Rating **	M	Issue No.	<b>873</b>
LM End	<b>21.73</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.979447 °	37.979447 °
				-121.336268 °	-121.336268 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39753 DS_ID:23403 EP_NO: N/A FS_HLM: 22.214 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and if so should be done so properly. FIELD_STRUCT_DESC: 5-inch steel irrigation pipe through the levee 4.0-feet below the crown. Slant pump and other appurtances still visible on WS slope. O&M Manual SJR Assumed 999. FS Date: 05/08/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6270.jpg



Pipe outlet behind fence on LS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>21.73</b>	Rating **	M	Issue No.	<b>873 (cont)</b>
LM End	<b>21.73</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.979447 °	37.979447 °
				-121.336268 °	-121.336268 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:39753 DS_ID:23403 EP_NO: N/A FS_HLM: 22.214 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and if so should be done so properly. FIELD_STRUCT_DESC: 5-inch steel irrigation pipe through the levee 4.0-feet below the crown. Slant pump and other appurtances still visible on WS slope. O&M Manual SJR Assumed 999. FS Date: 05/08/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_6271.jpg



Old discarded pump and appurtances visible on WS slope.

LM Start	<b>21.73</b>	Rating **	M	Issue No.	<b>873 (cont)</b>
LM End	<b>21.73</b>	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_6272.jpg



Pipe open on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>21.79</b>	Rating **	M	Issue No.	<b>874</b>
LM End	<b>21.79</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.979411 °	37.979411 °
				-121.337308 °	-121.337308 °
DWR ID					

**Action/Comments**  
 Inspector Comments: FS\_ID:37387  
 DS\_ID:23404  
 EP\_NO: 18638  
 FS\_HLM: 22.272  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: Pipe appears abandoned and if so should be done so properly.  
 FIELD\_STRUCT\_DESC: 9-inch steel irrigation pipe through the levee 3.7 feet below the crown. 2-inch galvanized iron electrical conduit at same location. Concrete Standpipe off LS toe. Wooden blankoff plate bolted over pipe end on WS. O&M Manual SJR Assumed 999.  
 FS Date: 05/08/2014

LM Start	<b>21.79</b>	Rating **	M	Issue No.	<b>874 (cont)</b>
LM End	<b>21.79</b>	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP\_FA\_2015\_6516.jpg



Possible concrete stanpipe for this crossing off LS toe.

Photo 2 of 3 : UCIP\_FA\_2015\_6517.jpg



Pipes and concrete pad visible on WS slope. Wooden blank off plate visible on pipe end.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>21.79</b>	Rating **	M	Issue No.	<b>874 (cont)</b>
LM End	<b>21.79</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.979411 °	37.979411 °
				-121.337308 °	-121.337308 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:37387 DS_ID:23404 EP_NO: 18638 FS_HLM: 22.272 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_6518.jpg



Pipes and concrete pad visible on WS slope.

LM Start	<b>21.82</b>	Rating **	C	Issue No.	<b>203</b>
LM End	<b>21.82</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.979412 °	37.979412 °
				-121.337810 °	-121.337810 °
DWR ID	DWR_NA0017_16_s_2013_203				
Action/Comments					
Repair slope instability.					

No Photos

LM Start	<b>21.89</b>	Rating **	M	Issue No.	<b>117</b>
LM End	<b>21.95</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.979454 °	37.979138 °
				-121.339031 °	-121.340034 °
DWR ID	DWR_NA0017_16_s_2012_117				
Action/Comments					
Fence					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_117\_20150911\_00061.jpg



View of fence and landscaping along landward slope looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>21.94</b>	Rating **	M	Issue No.	<b>62</b>
LM End	<b>21.94</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		37.979251 °	37.979251 °	
			-121.340012 °	-121.340012 °	
DWR ID	DWR_NA0017_16_f_2013_62				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_62\_20150911\_00032.jpg



Erosion was found on the waterside slope of the levee looking upstream.

LM Start	<b>21.95</b>	Rating **	M	Issue No.	<b>116</b>
LM End	<b>21.98</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.979094 °	37.978845 °	
			-121.340095 °	-121.340572 °	
DWR ID	DWR_NA0017_16_s_2012_116				
Action/Comments					
Fence Inspector Comments: Post and cable fence					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_116\_20150911\_00060.jpg



View of a post and cable fence along the landward slope looking upstream.

LM Start	<b>22.04</b>	Rating **	A/W	Issue No.	<b>48</b>
LM End	<b>22.04</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		37.978697 °	37.978697 °	
			-121.341581 °	-121.341581 °	
DWR ID	DWR_NA0017_16_s_2012_48				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Caltrans repaired the issue. (Permit # 18532) Another repair might be needed if it deteriorates.					

Photo 1 of 5 : FA\_2015\_NA0017\_160\_48\_20150911\_00018.jpg



Caltrans repaired the erosion under the southbound (I-5) bridge. The picture was taken from the crown looking upstream during fall 2014 inspection.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>22.04</b>	Rating **	A/W	Issue No.	<b>48 (cont)</b>
LM End	<b>22.04</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.978697 °	37.978697 °
				-121.341581 °	-121.341581 °
DWR ID	DWR_NA0017_16_s_2012_48				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Caltrans repaired the issue. (Permit # 18532) Another repair might be needed if it deteriorates.					

Photo 2 of 5 : FA\_2015\_NA0017\_160\_48\_20150911\_00020.jpg



Updated picture of erosion was found on the waterside toe of the levee looking from the opposite side of the levee.

LM Start	<b>22.04</b>	Rating **	A/W	Issue No.	<b>48 (cont)</b>
LM End	<b>22.04</b>	Issue Type +	Ma	Location *	WS

Photo 3 of 5 : FA\_2015\_NA0017\_160\_48\_20150911\_00021.jpg



Updated view of the erosion site repaired by Caltrans on the waterside slope of the levee looking upstream.

LM Start	<b>22.04</b>	Rating **	A/W	Issue No.	<b>48 (cont)</b>
LM End	<b>22.04</b>	Issue Type +	Ma	Location *	WS

Photo 4 of 5 : FA\_2015\_NA0017\_160\_48\_20150911\_00022.jpg



View of the erosion site repaired by Caltrans under the I-5 freeway going southbound. This picture was taken from the toe of the levee looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>22.04</b>	Rating **	A/W	Issue No.	<b>48 (cont)</b>
LM End	<b>22.04</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.978697 °	37.978697 °
				-121.341581 °	-121.341581 °
DWR ID	DWR_NA0017_16_s_2012_48				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Caltrans repaired the issue. (Permit # 18532) Another repair might be needed if it deteriorates.					

Photo 5 of 5 : FA\_2015\_NA0017\_160\_48\_20150911\_00023.jpg



View of the erosion under the I-5 bridge looking upstream.

LM Start	<b>22.05</b>	Rating **	M	Issue No.	<b>114</b>
LM End	<b>22.08</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.978464 °	37.978208 °
				-121.341620 °	-121.342190 °
DWR ID	DWR_NA0017_16_s_2012_114				
Action/Comments					
Fence Inspector Comments: Post and cable fence					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_114\_20150911\_00057.jpg



View of post and cable fence along the landward levee slope looking upstream.

LM Start	<b>22.10</b>	Rating **	M	Issue No.	<b>110</b>
LM End	<b>22.39</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.978081 °	37.975086 °
				-121.342519 °	-121.346027 °
DWR ID	DWR_NA0017_16_s_2012_110				
Action/Comments					
Fence					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_110\_20150911\_00055.jpg



View of fence and landscaping along the landward shoulder and slope looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>22.10</b>	Rating **	M	Issue No.	<b>111</b>
LM End	<b>22.39</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.978078 °	37.975086 °
				-121.342523 °	-121.346027 °
DWR ID	DWR_NA0017_16_s_2012_111				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_111\_20150911\_00056.jpg



Landscape was found on the landside of the levee looking upstream.

LM Start	<b>22.14</b>	Rating **	M	Issue No.	<b>875</b>
LM End	<b>22.14</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.977695 °	37.977695 °
				-121.343038 °	-121.343038 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41963 DS_ID:24977 EP_NO: N/A FS_HLM: 22.626 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: Three PVC conduits through the levee 1-foot below the crown. A 1-inch electrical, a 1-inch irrigation, and a 1.5-inch domestic waterline. All 3 are visible under the ramp to the boat dock on the WS shoulder. FS Date: 05/08/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_5862.jpg



Pipes visible under walkway to dock on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	22.14	Rating **	M	Issue No.	875 (cont)	
LM End	22.14	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
			Start	End		
Item	DWR UCIP Field Study			37.977695 °	37.977695 °	
				-121.343038 °	-121.343038 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:41963 DS_ID:24977 EP_NO: N/A FS_HLM: 22.626 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: Three PVC conduits through the levee 1-foot below the crown. A 1-inch electrical, a 1-inch irrigation, and a 1.5-inch domestic waterline. All 3 are visible under the ramp to the boat dock on the WS shoulder. FS Date: 05/08/2014						

Photo 2 of 2 : UCIP\_FA\_2015\_5863.jpg



Pipes visible under walkway to dock on WS slope.

LM Start	22.15	Rating **	M	Issue No.	876	
LM End	22.15	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
			Start	End		
Item	DWR UCIP Field Study			37.977662 °	37.977662 °	
				-121.343094 °	-121.343094 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:41964 DS_ID:24978 EP_NO: N/A FS_HLM: 22.63 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: Two PVC conduits through the levee 1-foot below the crown. A 1-inch electrical, and a 1-inch waterline. Both are visible on the upstream side of the stairs on the WS slope. FS Date: 05/08/2014						

Photo 1 of 2 : UCIP\_FA\_2015\_5864.jpg



PVC conduit visible on upstream side of stairs to dock.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	22.15	Rating **	M	Issue No.	876 (cont)
LM End	22.15	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
			Start	End	
Item	DWR UCIP Field Study			37.977662 °	37.977662 °
DWR ID				-121.343094 °	-121.343094 °
Action/Comments					
Inspector Comments: FS_ID:41964 DS_ID:24978 EP_NO: N/A FS_HLM: 22.63 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: Two PVC conduits through the levee 1-foot below the crown. A 1-inch electrical, and a 1-inch waterline. Both are visible on the upstream side of the stairs on the WS slope. FS Date: 05/08/2014					

Photo 2 of 2 : UCIP\_FA\_2015\_5865.jpg



PVC conduit visible on upstream side of stairs to dock.

LM Start	22.21	Rating **	M	Issue No.	115
LM End	22.21	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
			Start	End	
Item	Encroachments				
DWR ID	DWR_NA0017_16_s_2012_115				
Action/Comments					
Pipe Inspector Comments: Abandoned pipe was found on the waterside shoulder of the levee.					

Photo 1 of 2 : FA\_2015\_NA0017\_160\_115\_20150911\_00058.jpg



View of the electrical wires through the pipe is found on the waterside of the levee. The picture was taken from the crown looking towards the toe of the levee.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>22.21</b>	Rating **	M	Issue No.	<b>115 (cont)</b>
LM End	<b>22.21</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			°	°
DWR ID	DWR_NA0017_16_s_2012_115				
Action/Comments					
Pipe Inspector Comments: Abandoned pipe was found on the waterside shoulder of the levee.					

Photo 2 of 2 : FA\_2015\_NA0017\_160\_115\_20150911\_00059.jpg



An unpermitted abandoned pipe was found with electrical wires running through it on the waterside shoulder of the levee looking upstream.

LM Start	<b>22.27</b>	Rating **	M	Issue No.	<b>43</b>
LM End	<b>22.27</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.976308 °	37.976308 °
				-121.344698 °	-121.344698 °
DWR ID	DWR_NA0017_16_f_2013_43				
Action/Comments					
Debris					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_43\_20150911\_00016.jpg



Debris was found on the waterside shoulder of the levee looking downstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>22.27</b>	Rating **	M	Issue No.	<b>877</b>
LM End	<b>22.27</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.976312 °	37.976312 °
				-121.344728 °	-121.344728 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41965 DS_ID:24980 EP_NO: N/A FS_HLM: 22.761 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: Four 1-inch PVC conduits through the levee at an unknown depth below the crown. All are attached to the dock on the WS slope. FS Date: 05/08/2014					

Photo 1 of 1 : UCIP\_FA\_2015\_5866.jpg



Conduits visible under walkway on WS slope.

LM Start	<b>22.28</b>	Rating **	U	Issue No.	<b>204</b>
LM End	<b>22.28</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.976226 °	37.976226 °
				-121.344848 °	-121.344848 °
DWR ID	DWR_NA0017_16_s_2013_204				
Action/Comments					
Building Inspector Comments: Unpermitted dock					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_204\_20150911\_00120.jpg



A dock was found on the waterside toe of the levee looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>22.29</b>	Rating **	M	Issue No.	<b>878</b>
LM End	<b>22.29</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.976143 °	37.976143 °
				-121.344994 °	-121.344994 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41966 DS_ID:24981 EP_NO: N/A FS_HLM: 22.78 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: Two PVC conduits through the levee 3-foot below the crown. A 4-inch, and a 2-inch. Pipes are attached to the gangway on the WS slope. FS Date: 05/08/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_5867.jpg



Pipes visible under walkway on WS slope.

LM Start	<b>22.29</b>	Rating **	M	Issue No.	<b>878 (cont)</b>
LM End	<b>22.29</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP\_FA\_2015\_5868.jpg



Both pipes visible at connection between boat dock ramp and concrete pad on WS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>22.33</b>	Rating **	C	Issue No.	<b>254</b>
LM End	<b>22.33</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.975782 °	37.975782 °
				-121.345423 °	-121.345423 °
DWR ID	DWR_NA0017_16_f_2014_254				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	<b>22.37</b>	Rating **	M	Issue No.	<b>879</b>
LM End	<b>22.37</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.975296 °	37.975296 °
				-121.345792 °	-121.345792 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41967 DS_ID:24982 EP_NO: N/A FS_HLM: 22.854 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: Three 1-inch PVC conduits through the levee at an unknown depth below the crown. Pipes are attached to the gangway on the WS slope. FS Date: 05/08/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_5869.jpg



Conduits visible under walkway on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>22.37</b>	Rating **	M	Issue No.	<b>879 (cont)</b>
LM End	<b>22.37</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.975296 °	37.975296 °
				-121.345792 °	-121.345792 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41967 DS_ID:24982 EP_NO: N/A FS_HLM: 22.854 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: Three 1-inch PVC conduits through the levee at an unknown depth below the crown. Pipes are attached to the gangway on the WS slope. FS Date: 05/08/2014					

Photo 2 of 2 : UCIP\_FA\_2015\_5870.jpg



Conduits visible under walkway on WS slope.

LM Start	<b>22.37</b>	Rating **	M	Issue No.	<b>253</b>
LM End	<b>22.37</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.975243 °	37.975243 °
				-121.345882 °	-121.345882 °
DWR ID	DWR_NA0017_16_f_2014_253				
Action/Comments					
Crops Inspector Comments: Newly planted tree.					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_253\_20150911\_00145.jpg



New planted tree was found on the waterside shoulder of the levee looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>22.39</b>	Rating **	M	Issue No.	<b>109</b>
LM End	<b>22.41</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.975087 °	37.974883 °	
			-121.346027 °	-121.346298 °	
DWR ID	DWR_NA0017_16_s_2012_109				
Action/Comments					
Fence					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_109\_20150911\_00054.jpg



View of fence along the landward slope.

LM Start	<b>22.40</b>	Rating **	U	Issue No.	<b>46</b>
LM End	<b>22.59</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.974889 °	37.973127 °	
			-121.346274 °	-121.348756 °	
DWR ID	DWR_NA0017_16_s_2012_46				
Action/Comments					
Fence Inspector Comments: Fence is on the shoulder of the levee.					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_46\_20151023\_00171.jpg



Fence was found on the shoulder of the levee.

LM Start	<b>22.41</b>	Rating **	M	Issue No.	<b>107</b>
LM End	<b>22.59</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.974873 °	37.973108 °	
			-121.346318 °	-121.348819 °	
DWR ID	DWR_NA0017_16_s_2012_107				
Action/Comments					
Landscaping					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>22.41</b>	Rating **	M	Issue No.	<b>106</b>
LM End	<b>22.59</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.974869 °	37.973108 °	
			-121.346317 °	-121.348820 °	
DWR ID	DWR_NA0017_16_s_2012_106				
Action/Comments					
Fence					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_106\_20150911\_00052.jpg



View of fence and landscaping along the landward shoulder looking upstream.

LM Start	<b>22.48</b>	Rating **	C	Issue No.	<b>252</b>
LM End	<b>22.48</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		37.974062 °	37.974062 °	
			-121.347198 °	-121.347198 °	
DWR ID	DWR_NA0017_16_f_2014_252				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	<b>22.55</b>	Rating **	U	Issue No.	<b>45</b>
LM End	<b>22.55</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.973386 °	37.973386 °	
			-121.348241 °	-121.348241 °	
DWR ID	DWR_NA0017_16_f_2012_45				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Arrundo on the waterside of the levee.					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_45\_20150911\_00017.jpg



Arundo was found on the waterside slope of the levee looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>22.59</b>	Rating **	M	Issue No.	<b>284</b>
LM End	<b>22.59</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.973100 °	37.973100 °
				-121.348803 °	-121.348803 °
DWR ID	DWR_NA0017_16_s_2015_284				
Action/Comments					
Prunings					

No Photos

LM Start	<b>22.59</b>	Rating **	M	Issue No.	<b>104</b>
LM End	<b>22.72</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.973094 °	37.971660 °
				-121.348809 °	-121.350233 °
DWR ID	DWR_NA0017_16_s_2012_104				
Action/Comments					
Fence					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_104\_20150911\_00051.jpg



View of fence along the landward shoulder looking upstream.

LM Start	<b>22.75</b>	Rating **	M	Issue No.	<b>103</b>
LM End	<b>22.78</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.971257 °	37.970858 °
				-121.350300 °	-121.350450 °
DWR ID	DWR_NA0017_16_s_2012_103				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_103\_20150911\_00050.jpg



View of landscaping along the landward slope looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>22.80</b>	Rating **	M	Issue No.	<b>101</b>
LM End	<b>22.84</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.970546 °	37.970021 °	
			-121.350571 °	-121.350884 °	
DWR ID	DWR_NA0017_16_s_2012_101				
Action/Comments					
Fence					

No Photos

LM Start	<b>22.80</b>	Rating **	M	Issue No.	<b>102</b>
LM End	<b>22.84</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.970537 °	37.970019 °	
			-121.350571 °	-121.350884 °	
DWR ID	DWR_NA0017_16_s_2012_102				
Action/Comments					
Landscaping					

No Photos

LM Start	<b>23.12</b>	Rating **	M	Issue No.	<b>880</b>
LM End	<b>23.12</b>	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.968770 °	37.968770 °	
			-121.355204 °	-121.355204 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41968 DS_ID:24986 EP_NO: N/A FS_HLM: 23.655 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 3-inch galvanized iron waterline through the levee at an unknown depth. FS Date: 05/08/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_5871.jpg



3-inch galvanized iron pipe visible off WS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>23.12</b>	Rating **	M	Issue No.	<b>880 (cont)</b>
LM End	<b>23.12</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.968770 °	37.968770 °
				-121.355204 °	-121.355204 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:41968 DS_ID:24986 EP_NO: N/A FS_HLM: 23.655 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 3-inch galvanized iron waterline through the levee at an unknown depth. FS Date: 05/08/2014					

Photo 2 of 2 : UCIP\_FA\_2015\_5872.jpg



3-inch galvanized iron pipe visible off WS toe.

LM Start	<b>23.15</b>	Rating **	M	Issue No.	<b>881</b>
LM End	<b>23.15</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.968522 °	37.968522 °
				-121.355664 °	-121.355664 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:37425 DS_ID:23415 EP_NO: N/A FS_HLM: 23.69 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Determine routing of gasline and if it goes through levee. FIELD_STRUCT_DESC: Domestic gas line (1-inch) and meter on LS shoulder. Unclear if pipe passes through levee. FS Date: 05/08/2014					

Photo 1 of 1 : UCIP\_FA\_2015\_6540.jpg



Gasline and meter under tree on LS shoulder.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>23.16</b>	Rating **	M	Issue No.	<b>2</b>
LM End	<b>23.47</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.968510 °	37.966144 °	
			-121.355729 °	-121.360210 °	
DWR ID	DWR_NA0017_16_s_2012_2				
Action/Comments					
Landscaping					

No Photos

LM Start	<b>23.17</b>	Rating **	M	Issue No.	<b>182</b>
LM End	<b>23.49</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.968438 °	37.965997 °	
			-121.355882 °	-121.360479 °	
DWR ID	DWR_NA0017_16_s_2012_182				
Action/Comments					
Fence Inspector Comments: Chainlink fence along the landward slope.					

Photo 1 of 1 : FA\_2015\_NA0017\_160\_182\_20150911\_00111.jpg



View of the fence along the landward slope looking downstream.

LM Start	<b>23.22</b>	Rating **	M	Issue No.	<b>191</b>
LM End	<b>23.22</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.968015 °	37.968015 °	
			-121.356672 °	-121.356672 °	
DWR ID	DWR_NA0017_16_s_2012_191				
Action/Comments					
Pole					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>23.28</b>	Rating **	M	Issue No.	<b>190</b>
LM End	<b>23.28</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.967260 °	37.967260 °	
			-121.357079 °	-121.357079 °	
DWR ID	DWR_NA0017_16_s_2012_190				
Action/Comments					
Pole					

No Photos

LM Start	<b>23.28</b>	Rating **	M	Issue No.	<b>189</b>
LM End	<b>23.28</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.967204 °	37.967204 °	
			-121.357065 °	-121.357065 °	
DWR ID	DWR_NA0017_16_s_2012_189				
Action/Comments					
Pole					

No Photos

LM Start	<b>23.35</b>	Rating **	M	Issue No.	<b>187</b>
LM End	<b>23.35</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.966937 °	37.966937 °	
			-121.358338 °	-121.358338 °	
DWR ID	DWR_NA0017_16_s_2012_187				
Action/Comments					
Pole					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>23.35</b>	Rating **	M	Issue No.	<b>188</b>
LM End	<b>23.35</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.966926 °	37.966926 °	
			-121.358367 °	-121.358367 °	
DWR ID	DWR_NA0017_16_s_2012_188				
Action/Comments					
Pole					

No Photos

LM Start	<b>23.37</b>	Rating **	M	Issue No.	<b>186</b>
LM End	<b>23.37</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.966946 °	37.966946 °	
			-121.358722 °	-121.358722 °	
DWR ID	DWR_NA0017_16_s_2012_186				
Action/Comments					
Pole					

No Photos

LM Start	<b>23.42</b>	Rating **	M	Issue No.	<b>185</b>
LM End	<b>23.42</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.966596 °	37.966596 °	
			-121.359446 °	-121.359446 °	
DWR ID	DWR_NA0017_16_s_2012_185				
Action/Comments					
Pole					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/15/2015 10/22/2015	Pavel Kazi

LM Start	<b>23.47</b>	Rating **	M	Issue No.	<b>184</b>
LM End	<b>23.47</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.966169 °	37.966169 °	
			-121.360073 °	-121.360073 °	
DWR ID	DWR_NA0017_16_s_2012_184				
Action/Comments					
Pole					

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**

**Unit Cover Sheet**

**Fall 2015 Levee Inspection Results**

**San Joaquin County Flood Control and Water Conservation District**

Waterway		Bank	Unit Miles	
Unit No. 17 Potter Creek		Right	0.86	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>U</b>	
Date of Inspection	05/01/2015 - 05/01/2015		10/16/2015 - 10/16/2015	
DWR Inspector	Pavel Kazi		Pavel Kazi	
Accompanied By	Jay Jauregui SJCF&WCD		Jay Jauregui SJCF&WCD	
	Jim Caruso SJCF		Jim Caruso SJCF	

**Summer & Winter Inspections**

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

DWR must be informed on the:

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

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

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

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

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

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Potter Creek	Right	0.86	10/16/2015 10/16/2015	Pavel Kazi

LM Start	<b>0.13</b>	Rating **	M	Issue No.	<b>7</b>
LM End	<b>0.31</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.959971 °	37.959505 °
				-121.161177 °	-121.157914 °
DWR ID	DWR_NA0017_17_f_2015_7				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : FA\_2015\_NA0017\_161\_7\_20151023\_00008.jpg



View of the vegetation on the waterside of the levee looking upstream.

LM Start	<b>0.32</b>	Rating **	M	Issue No.	<b>11</b>
LM End	<b>0.32</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.959423 °	37.959423 °
				-121.157769 °	-121.157769 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41625 DS_ID:18537 EP_NO: N/A FS_HLM: 0.317 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears this crossing may be abandoned. FIELD_STRUCT_DESC: 16-inch concrete irrigation siphon through the levee 4-feet below the crown. Pipe visible at bottom of 36-inch concrete riser on LS shoulder. 16-inch concrete standpipe on landside shoulder. 9-inch PVC standpipe on opposite bank may provide indication that pipe does cross channel. O&M manual SJR 611.1 Vol. F- revised in 2010. FS Date: 06/19/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_1292.jpg



PVC standpipe visible on opposite bank may be connected.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Potter Creek	Right	0.86	10/16/2015 10/16/2015	Pavel Kazi

LM Start	0.32	Rating **	M	Issue No.	11 (cont)
LM End	0.32	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.959423 °	37.959423 °
				-121.157769 °	-121.157769 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41625 DS_ID:18537 EP_NO: N/A FS_HLM: 0.317 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears this crossing may be abandoned. FIELD_STRUCT_DESC: 16-inch concrete irrigation siphon through the levee 4-feet below the crown. Pipe visible at bottom of 36-inch concrete riser on LS shoulder. 16-inch concrete standpipe on landside shoulder. 9-inch PVC standpipe on opposite bank may provide indication that pipe does cross channel. O&M manual SJR 611.1 Vol. F- revised in 2010. FS Date: 06/19/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_6435.jpg



Two concrete standpipes at LS toe.

Photo 3 of 3 : UCIP\_FA\_2015\_6436.jpg



Pipe may be visible at bottom of concrete standpipe on LS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Potter Creek	Right	0.86	10/16/2015 10/16/2015	Pavel Kazi

LM Start	<b>0.32</b>	Rating **	M	Issue No.	<b>12</b>
LM End	<b>0.32</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.959423 °	37.959423 °
				-121.157769 °	-121.157769 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41703 DS_ID:25012 EP_NO: N/A FS_HLM: 0.317 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_2506.jpg



16-inch and 36-inch concrete standpipes on LS toe.

LM Start	<b>0.32</b>	Rating **	M	Issue No.	<b>12 (cont)</b>
LM End	<b>0.32</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_2528.jpg



PVC Pipe visible on WS slope.

LM Start	<b>0.32</b>	Rating **	M	Issue No.	<b>12 (cont)</b>
LM End	<b>0.32</b>	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_FA\_2015\_6434.jpg



16-inch and 36-inch concrete standpipes on LS toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Potter Creek	Right	0.86	10/16/2015 10/16/2015	Pavel Kazi

LM Start	<b>0.50</b>	Rating **	M	Issue No.	<b>6</b>
LM End	<b>0.50</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.958883 °	37.958883 °
				-121.154581 °	-121.154581 °
DWR ID	DWR_NA0017_17_s_2014_6				
Action/Comments					
Debris					

Photo 1 of 1 : FA\_2015\_NA0017\_161\_6\_20150911\_00006.jpg



Debris was found on the waterside shoulder of the levee looking downstream.

LM Start	<b>0.58</b>	Rating **	M	Issue No.	<b>13</b>
LM End	<b>0.58</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.958976 °	37.958976 °
				-121.153087 °	-121.153087 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38978 DS_ID:18535 EP_NO: N/A FS_HLM: 0.581 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and if so should be done so properly. FIELD_STRUCT_DESC: 18-inch CM pipe 5.5-feet below the roadway. Open on waterside end. O&M manual SJR 611.1 Vol. F- revised in 2010. FS Date: 06/19/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_1637.jpg



Pipe visible on WS slope.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Potter Creek	Right	0.86	10/16/2015 10/16/2015	Pavel Kazi

LM Start	<b>0.58</b>	Rating **	M	Issue No.	<b>13 (cont)</b>
LM End	<b>0.58</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.958976 °	37.958976 °
				-121.153087 °	-121.153087 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38978 DS_ID:18535 EP_NO: N/A FS_HLM: 0.581 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and if so should be done so properly. FIELD_STRUCT_DESC: 18-inch CM pipe 5.5-feet below the roadway. Open on waterside end. O&M manual SJR 611.1 Vol. F- revised in 2010. FS Date: 06/19/2014					

Photo 2 of 2 : UCIP\_FA\_2015\_1640.jpg



Pipe visible on WS slope.

LM Start	<b>0.60</b>	Rating **	M	Issue No.	<b>5</b>
LM End	<b>0.60</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.958966 °	37.958966 °
				-121.152641 °	-121.152641 °
DWR ID	DWR_NA0017_17_s_2012_5				
Action/Comments					
Prunings					

Photo 1 of 2 : FA\_2015\_NA0017\_161\_5\_20150911\_00004.jpg



Updated picture of the prunings on the waterside of the levee looking upstream during fall 2014 inspection.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Potter Creek	Right	0.86	10/16/2015 10/16/2015	Pavel Kazi

LM Start	<b>0.60</b>	Rating **	M	Issue No.	<b>5 (cont)</b>
LM End	<b>0.60</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.958966 °	37.958966 °	
			-121.152641 °	-121.152641 °	
DWR ID	DWR_NA0017_17_s_2012_5				
Action/Comments					
Prunings					

Photo 2 of 2 : FA\_2015\_NA0017\_161\_5\_20150911\_00005.jpg



Prunings were found on the waterside of the levee looking upstream.

LM Start	<b>0.62</b>	Rating **	M	Issue No.	<b>4</b>
LM End	<b>0.62</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.958943 °	37.958943 °	
			-121.152261 °	-121.152261 °	
DWR ID	DWR_NA0017_17_s_2012_4				
Action/Comments					
Prunings					

Photo 1 of 1 : FA\_2015\_NA0017\_161\_4\_20150911\_00003.jpg



View of a prunings pile along the waterward bank looking downstream.

LM Start	<b>0.67</b>	Rating **	M	Issue No.	<b>10</b>
LM End	<b>0.67</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		37.958702 °	37.958702 °	
			-121.151544 °	-121.151544 °	
DWR ID	DWR_NA0017_17_s_2012_10				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

Photo 1 of 1 : FA\_2015\_NA0017\_161\_10\_20150911\_00007.jpg



Slope instability was found on the waterside of the levee looking upstream.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Potter Creek	Right	0.86	10/16/2015 10/16/2015	Pavel Kazi

LM Start	<b>0.68</b>	Rating **	M	Issue No.	<b>3</b>
LM End	<b>0.68</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.958590 °	37.958590 °	
			-121.151408 °	-121.151408 °	
DWR ID	DWR_NA0017_17_s_2012_3				
Action/Comments					
Prunings					

Photo 1 of 1 : FA\_2015\_NA0017\_161\_3\_20150911\_00002.jpg



View of a prunings pile along the waterward bank looking downstream.

LM Start	<b>0.78</b>	Rating **	M	Issue No.	<b>2</b>
LM End	<b>0.78</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.957934 °	37.957934 °	
			-121.149911 °	-121.149911 °	
DWR ID	DWR_NA0017_17_s_2012_2				
Action/Comments					
Prunings					

Photo 1 of 1 : FA\_2015\_NA0017\_161\_2\_20150911\_00001.jpg



View of a prunings pile along the waterward bank looking downstream.

<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**

**Unit Cover Sheet**

**Fall 2015 Levee Inspection Results**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles
Unit No. 18 Potter Creek	Left	0.91

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	05/01/2015 - 05/01/2015		10/16/2015 - 10/16/2015	
DWR Inspector	Pavel Kazi		Pavel Kazi	
Accompanied By	Jay Jauregui SJCF&WCD		Jay Jauregui SJCF&WCD	
	Jim Caruso SJCF		Jim Caruso SJCF	

**Summer & Winter Inspections**

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

DWR must be informed on the:

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

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

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

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

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

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Potter Creek	Left	0.91	10/16/2015 10/16/2015	Pavel Kazi

LM Start	<b>0.07</b>	Rating **	M	Issue No.	<b>1</b>
LM End	<b>0.29</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.957534 °	37.958657 °	
			-121.149739 °	-121.153146 °	
DWR ID	DWR_NA0017_18_s_2012_1				
Action/Comments					
Fence					

Photo 1 of 1 : FA\_2015\_NA0017\_162\_1\_20150911\_00001.jpg



Fences along the landside toe of the levee. The picture was taken from the crown looking upstream.

LM Start	<b>0.52</b>	Rating **	A	Issue No.	<b>3</b>
LM End	<b>0.52</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.959061 °	37.959061 °	
			-121.157343 °	-121.157343 °	
DWR ID	DWR_NA0017_18_f_2015_3				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Acceptable vegetation.					

Photo 1 of 1 : FA\_2015\_NA0017\_162\_3\_20151023\_00002.jpg



View of the waterside slope of the 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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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Potter Creek	Left	0.91	10/16/2015 10/16/2015	Pavel Kazi

LM Start	<b>0.54</b>	Rating **	M	Issue No.	<b>5</b>
LM End	<b>0.54</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.959148 °	37.959148 °
				-121.157754 °	-121.157754 °
DWR ID					

**Action/Comments**

Inspector Comments: FS\_ID:33115  
 DS\_ID:18538  
 EP\_NO: N/A  
 FS\_HLM: 0.55  
 Repair Type: Non-Urgent  
 Crossing Status: Indicator Found  
 UCIP Comments: PVC standpipe on landside. It is not clear whether this standpipe belongs to the crossing. Need more info from LMA or DWR Inspector. A pump station located about 500 ft from the levee.  
 FIELD\_STRUCT\_DESC: 16-inch concrete siphon pipe through the levee 5.0 feet below the crown and under the channel. O&M manual SJR 611.1 Vol. F- revised in 2010.  
 FS Date: 04/04/2014

LM Start	<b>0.54</b>	Rating **	M	Issue No.	<b>5 (cont)</b>
LM End	<b>0.54</b>	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP\_FA\_2015\_3629.jpg



LS view: a pump station located about 500 ft from the levee. It is not clear whether this has connection with the levee crossing.

Photo 2 of 2 : UCIP\_FA\_2015\_3630.jpg



LS view: a PVC standpipe on levee toe. It is not clear whether this has connection with the levee crossing.

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

**Levee Inspection Report By Mile - Fall 2015**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Potter Creek	Left	0.91	10/16/2015 10/16/2015	Pavel Kazi

LM Start	<b>0.87</b>	Rating **	M	Issue No.	<b>4</b>
LM End	<b>0.87</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.960206 °	37.960206 °	
			-121.163559 °	-121.163559 °	
DWR ID	DWR_NA0017_18_f_2015_4				
<b>Action/Comments</b>					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA\_2015\_NA0017\_162\_4\_20151023\_00003.jpg



Rodent holes were found on the landside of the 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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