

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2019 Levee Maintenance Deficiency Summary Report**

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

**Sacramento River Basin**

<b>RD0551</b> <b>Reclamation District No. 0551 Pearson</b>	Overall LMA Rating	Total LMA Miles	* Overall LMA Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall LMA Rating is M instead of A.						
	<b>M *</b>	<b>6.78</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		0.01	0.15%	0.24	0.36			
Encroachments					0.17				
Animal Control		0.01	0.04	0.59%					
Erosion / Bank Caving	0.01		0.01	0.15%					
<i>Supplemental</i>									
DRAFT DWR UCIP Field Study					0.13				
2017 Storm Damage	0.29		0.29	4.28%					
<i>LMA Totals:</i>	0.31	0.01	0.35	5.16% *	0.54	0.36	0.00	0.00	

<b>Unit No. 01 Sacramento River LB</b> RD0551	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.						
	<b>M *</b>	<b>6.78</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		0.01	0.15%	0.24	0.36			
Encroachments					0.17				
Animal Control		0.01	0.04	0.59%					
Erosion / Bank Caving	0.01		0.01	0.15%					
<i>Supplemental</i>									
DRAFT DWR UCIP Field Study					0.13				
2017 Storm Damage	0.29		0.29	4.28%					
<i>Unit Totals:</i>	0.31	0.01	0.35	5.16% *	0.54	0.36	0.00	0.00	

**Flood Control Project Maintenance  
Levee Inspections  
LMA District Cover Sheet  
Fall 2019 Levee Inspection Results**

**Reclamation District No. 0551 Pearson**

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

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

\* Overall LMA Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall LMA Rating is M instead of A.

† **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 2019 Levee Inspection Results**

**Reclamation District No. 0551 Pearson**

Waterway		Bank	Unit Miles
Unit No. 01 Sacramento River		Left	6.78
	Spring (March - May)	Summer (June - August)	(September - November) Fall Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>M *</b>
Date of Inspection	3/15/2019 - 3/15/2019		10/22/2019 - 10/22/2019
DWR Inspector	David Julian		David Julian
Accompanied By	Mr. Topper Van Loben Sels RD 551		Mr. Topper Van Loben Sels RD 551

\* Overall LMA Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall LMA Rating is M instead of A.

**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 2019**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/22/2019 10/22/2019	David Julian

LM Start		Rating **	A	Issue No.	<b>3</b>
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			o	o
DWR ID	DWR_RD0551_01_s_2012_3				
Comment Code					
Inspector Comment					
District has emergency supplies stored in locked container near Courtland's fire house.					

No Photos

LM Start		Rating **	A	Issue No.	<b>15</b>
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			o	o
DWR ID	DWR_RD0551_01_s_2012_15				
Comment Code					
Inspector Comment					
District has been trained in Flood Fight Methods.					

No Photos

LM Start		Rating **	A	Issue No.	<b>23</b>
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			o	o
DWR ID	DWR_RD0551_01_s_2012_23				
Comment Code					
Inspector Comment					
District has O&M Manual on hand and stored with flood fight materials.					

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 2019**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/22/2019 10/22/2019	David Julian

LM Start	<b>0.40</b>	Rating **	M	Issue No.	<b>17</b>
LM End	<b>0.51</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.332115°	38.330818°
				-121.569658°	-121.570980°
DWR ID	DWR_RD0551_01_f_2018_17				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

LM Start	<b>0.41</b>	Rating **	M	Issue No.	<b>70</b>
LM End	<b>0.41</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.332039°	38.332039°
				-121.569730°	-121.569730°
DWR ID	21982				
Comment Code					
Inspector Comment					
DS_ID:21982 FS_ID:11705 EP_NO: 2759 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Unclear where exact crossing is located. FIELD_STRUCT_DESC: [Courtland Boating Facilities] 1-inch steel water line through the levee, at an unknown depth. Ramp and boating facilities on the waterside (WS). Pipe visible under buildings at concrete foundation on the landside (LS). Water service connections for irrigation located on the WS slope. (Permit No. 2759, 1958 - Courtland Dock). [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 4/10/2013					

Photo 1 of 3 : UCIP\_FA\_2019\_11705\_19145.jpg



Irrigation pipes 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 2019**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/22/2019 10/22/2019	David Julian

LM Start	<b>0.41</b>	Rating **	M	Issue No.	<b>70 (cont)</b>
LM End	<b>0.41</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.332039°	38.332039°
				-121.569730°	-121.569730°
DWR ID	21982				
Comment Code					
Inspector Comment					
DS_ID:21982 FS_ID:11705 EP_NO: 2759 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Unclear where exact crossing is located. FIELD_STRUCT_DESC: [Courtland Boating Facilities] 1-inch steel water line through the levee, at an unknown depth. Ramp and boating facilities on the waterside (WS). Pipe visible under buildings at concrete foundation on the landside (LS). Water service connections for irrigation located on the WS slope. (Permit No. 2759, 1958 - Courtland Dock). [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 4/10/2013					

Photo 2 of 3 : UCIP\_FA\_2019\_11705\_19144.jpg



Irrigation pipes on WS slope.

LM Start	<b>0.41</b>	Rating **	M	Issue No.	<b>70 (cont)</b>
LM End	<b>0.41</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2019\_11705\_19143.jpg



Various disconnected pipes visible at foundation/retaining wall under buildings 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  
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**Levee Inspection Report By Mile - Fall 2019**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/22/2019 10/22/2019	David Julian

LM Start	<b>0.49</b>	Rating **	M	Issue No.	<b>21</b>
LM End	<b>0.49</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.331063°	38.331063°
				-121.570634°	-121.570634°
DWR ID	DWR_RD0551_01_s_2014_21				
Comment Code					
BU : Building					
Inspector Comment					
11750 River Road - The new land owner is working with the LMA trying to get CVFPB Permits for this project. No other work at this site. Waiting to hear from Enforcements.					

Photo 1 of 3 : FA\_2019\_RD0551\_175\_21\_20190826\_00006.jpg



Building and steps waterward. Photo taken 01-04-2014.

LM Start	<b>0.49</b>	Rating **	M	Issue No.	<b>21 (cont)</b>
LM End	<b>0.49</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : FA\_2019\_RD0551\_175\_21\_20190826\_00007.jpg



Building remodeling project on waterside levee section. Photo taken 01-04-2014.

LM Start	<b>0.49</b>	Rating **	M	Issue No.	<b>21 (cont)</b>
LM End	<b>0.49</b>	Issue Type +	En	Location *	WS

Photo 3 of 3 : FA\_2019\_RD0551\_175\_21\_20190826\_00008.jpg



Photo taken 4-06-2017 no change. No work done, no permit issued.

<b>* 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  
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**Levee Inspection Report By Mile - Fall 2019**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/22/2019 10/22/2019	David Julian

LM Start	<b>0.73</b>	Rating **	U	Issue No.	<b>57</b>
LM End	<b>0.76</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.328122°	38.327783°
				-121.573130°	-121.573362°
DWR ID	DWR_RD0551_01_f_2018_57				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_RD0551\_175\_57\_20190826\_00077.jpg



View looking upstream at landscaping on the landside slope (November 2018).

LM Start	<b>0.89</b>	Rating **	M	Issue No.	<b>72</b>
LM End	<b>0.89</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.326088°	38.326088°
				-121.574525°	-121.574525°
DWR ID	21986				
Comment Code					
Inspector Comment					
DS_ID:21986 FS_ID:11727 EP_NO: 701 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and should be done so properly. Good candidate for video inspection. FIELD_STRUCT_DESC: 14-inch steel irrigation pipe through the levee, 7.2 feet below the crown. Pump in pump house on the waterside (WS) slope. Service pole on the landside (LS) slope. 1-inch galvanized filler pipe, and a 2-inch electrical conduit at the same location. (Permit No. 701, 1937 - American Trust Company). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 111, May 1959, (RM 33.91)]. FS Date: 4/10/2013					

Photo 1 of 3 : UCIP\_FA\_2019\_11727\_19168.jpg



Pump house and pipes 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 2019**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/22/2019 10/22/2019	David Julian

LM Start	<b>0.89</b>	Rating **	M	Issue No.	<b>72 (cont)</b>
LM End	<b>0.89</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.326088°	38.326088°
				-121.574525°	-121.574525°
DWR ID	21986				
Comment Code					
Inspector Comment					
DS_ID:21986 FS_ID:11727 EP_NO: 701 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and should be done so properly. Good candidate for video inspection. FIELD_STRUCT_DESC: 14-inch steel irrigation pipe through the levee, 7.2 feet below the crown. Pump in pump house on the waterside (WS) slope. Service pole on the landside (LS) slope. 1-inch galvanized filler pipe, and a 2-inch electrical conduit at the same location. (Permit No. 701, 1937 - American Trust Company). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 111, May 1959, (RM 33.91)]. FS Date: 4/10/2013					

Photo 2 of 3 : UCIP\_FA\_2019\_11727\_19167.jpg



Pipe and JP visible on LS toe.

LM Start	<b>0.89</b>	Rating **	M	Issue No.	<b>72 (cont)</b>
LM End	<b>0.89</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2019\_11727\_19166.jpg



galvanized iron filler pipe and 16-inch 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 2019**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/22/2019 10/22/2019	David Julian

LM Start	<b>1.28</b>	Rating **	M	Issue No.	<b>63</b>
LM End	<b>1.28</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.320707 °	38.320707 °
				-121.576335 °	-121.576335 °
DWR ID	DWR_RD0551_01_s_2019_63				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Cactus is located on landside slope.					

Photo 1 of 1 : FA\_2019\_RD0551\_175\_63\_20190826\_00083.jpg



View of cactus at the bottom of the landside slope (Spring 2019).

LM Start	<b>1.36</b>	Rating **	U	Issue No.	<b>46</b>
LM End	<b>1.36</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.319621 °	38.319621 °
				-121.576531 °	-121.576531 °
DWR ID	DWR_RD0551_01_f_2017_46				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscaping should be maintained to allow inspection and access to landside slope and toe.					

Photo 1 of 1 : FA\_2019\_RD0551\_175\_46\_20191024\_00127.jpg



View looking upstream at landscaping on the landside slope (Fall 2019).

LM Start	<b>1.36</b>	Rating **	M	Issue No.	<b>45</b>
LM End	<b>1.36</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.319620 °	38.319620 °
				-121.576531 °	-121.576531 °
DWR ID	DWR_RD0551_01_f_2017_45				
Comment Code					
TA : Tank					
Inspector Comment					
Tank at landside toe should be removed to allow inspection and access.					

Photo 1 of 1 : FA\_2019\_RD0551\_175\_45\_20190826\_00068.jpg



Tank at landside toe should be removed to allow inspection and access.

<b>* 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 2019**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/22/2019 10/22/2019	David Julian

LM Start	<b>2.01</b>	Rating **	M	Issue No.	<b>74</b>
LM End	<b>2.01</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.310237°	38.310237°
				-121.575470°	-121.575470°
DWR ID	22040				
Comment Code					
Inspector Comment					
DS_ID:22040 FS_ID:11749 EP_NO: 3676 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Fresh cut through pavement on crown indicates recent work on pipes at this location. Need to determine if pipe was removed or abandoned in place. FIELD_STRUCT_DESC: 2 of 2: 8-inch coated steel irrigation pipe through the levee, 5 feet below the crown. 8-inch pipe sleeved through a 12-inch pipe. Pump on platform on the waterside (WS). (Permit No. 3676, 1961 - Runyon and Dorsey). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 111, May 1959, (RM 33.02)]. FS Date: 4/10/2013					

Photo 1 of 1 : UCIP\_FA\_2019\_11749\_19217.jpg



Fresh cut through pavement at crown.

LM Start	<b>2.01</b>	Rating **	M	Issue No.	<b>75</b>
LM End	<b>2.01</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.310223°	38.310223°
				-121.575458°	-121.575458°
DWR ID	21991				
Comment Code					
Inspector Comment					
DS_ID:21991 FS_ID:11763 EP_NO: 6551 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Rodent activity undermining pipe on LS slope. FIELD_STRUCT_DESC: 1 of 2: 14-inch polyvinyl chloride (PVC) wrapped steel irrigation pipe through the levee, 3 feet below the crown. Butterfly valve on the waterside (WS) shoulder. 2-inch galvanized electrical conduit at the same location. Pump on pile structure on the WS toe. Pressure booster and pump on the landside (LS) toe. (Permit No. 6551, 1969 - John D. Wheeler). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 111, May 1959, (RM 32.78)]. FS Date: 4/10/2013					

Photo 1 of 3 : UCIP\_FA\_2019\_11763\_19222.jpg



Pipe, butterfly valve, and electrical conduit 3-feet below the crown on the 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 2019**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/22/2019 10/22/2019	David Julian

LM Start	<b>2.25</b>	Rating **	U	Issue No.	<b>47</b>
LM End	<b>2.35</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.307283°	38.306025°	
			-121.573182°	-121.572387°	
DWR ID	DWR_RD0551_01_f_2017_47				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscaping hides levee slope. Toe is mostly visible. Landscaping should be maintained to allow inspection and access to landside slope and toe.					

Photo 1 of 1 : FA\_2019\_RD0551\_175\_47\_20191024\_00126.jpg



View looking upstream at landscaping on the landside slope (Fall 2019).

LM Start	<b>2.26</b>	Rating **	M	Issue No.	<b>61</b>
LM End	<b>2.35</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.307220°	38.305995°	
			-121.573153°	-121.572367°	
DWR ID	DWR_RD0551_01_s_2019_61				
Comment Code					
FE : Fence					
Inspector Comment					
A chainlink fence is located on the landside.					

Photo 1 of 1 : FA\_2019\_RD0551\_175\_61\_20190826\_00081.jpg



View looking upstream at chainlink fence on the landside slope (Spring 2019).

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable  N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/22/2019 10/22/2019	David Julian

LM Start	<b>2.41</b>	Rating **	M	Issue No.	<b>76</b>
LM End	<b>2.41</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.305189°	38.305189°
				-121.572012°	-121.572012°
DWR ID	21994				
Comment Code					
Inspector Comment					
DS_ID:21994 FS_ID:11783 EP_NO: 11141 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Records indicate this pipe was abandoned, but it appears to be active. Verify status. FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee, 8 feet below the crown. Slant pump on the waterside (WS) slope. Service pole on the landside (LS) slope with a 1.5-inch galvanized iron electrical conduit through the levee at the same location. (Automatic Board Order (ABO) issued as Permit No. 11141, 1975 - Adele Runyon, et al.). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 111, May 1959, (RM 32.38), listed as a 12-inch pipe]. FS Date: 4/10/2013					

Photo 1 of 2 : UCIP\_FA\_2019\_11783\_19241.jpg



JP and concrete standpipe on LS toe.

LM Start	<b>2.41</b>	Rating **	M	Issue No.	<b>76 (cont)</b>
LM End	<b>2.41</b>	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP\_FA\_2019\_11783\_19240.jpg



Pump, pipe, and butterfly 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 2019**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/22/2019 10/22/2019	David Julian

LM Start	<b>2.71</b>	Rating **	A/W	Issue No.	<b>22 (cont)</b>
LM End	<b>2.74</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.301258 °	38.300922 °
				-121.569550 °	-121.569258 °
DWR ID	LMA-159				
Comment Code					
Inspector Comment					
<p>Levee Evaluation Comments                  Description: District Station 142+31 to 143+80, Sec. 08, T. 5 N. R. 4 E., M.D.M. Approximately 149 linear-feet of erosion exists along the waterside slope of the Sacramento River. The erosion exists near the rip rap line about 3/4 of the way down the slope. Some existing rip rap has been pulled off in this section.                  Site ID No:332                  Site Designation:LMA-159                  Repair Type: Erosion                  Rating:Area of Concern                  Field Date:7/13/2017                  Notes: Crown is a paved road. Minor erosion right above and in the top of the rip rap.</p>					

Photo 3 of 3 : FA\_2019\_RD0551\_175\_22\_20190826\_00011.jpg



LM Start	<b>2.96</b>	Rating **	M	Issue No.	<b>77</b>
LM End	<b>2.96</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.298323 °	38.298323 °
				-121.566941 °	-121.566941 °
DWR ID	22032				
Comment Code					
Inspector Comment					
<p>DS_ID:22032                  FS_ID:11803                  EP_NO: 1204                  Repair Type: Non-Urgent                  Crossing Status: Found                  UCIP Comments: Gap between sleeved pipes does not appear to be grouted on LS slope.                  FIELD_STRUCT_DESC: 12-inch steel irrigation conduit through the levee, 6 feet below the crown. 10-inch irrigation pipe sleeved through the 12-inch conduit. Pump on pile structure on the waterside (WS) toe. 48-inch concrete riser on the landside (LS) toe. (Permit No. 1204, 1947 - M. J. Barry Estate). [Additional Reference(s): USACE Sacramento O&amp;M Manual 111, May 1959, (RM 31.82)].                  FS Date: 4/10/2013</p>					

Photo 1 of 2 : UCIP\_FA\_2019\_11803\_19261.jpg



48-inch concrete riser on LS toe.

<p><b>* Location</b>                  LS : Land Side    N/A : Not Applicable                  WS : Water Side                  CR : Crown</p>	<p><b>** Rating</b>                  A : Acceptable                  M : Minimally Acceptable                  U : Unacceptable</p>	<p>N : Not Inspected/Rated                  C : Corrected                  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 2019**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/22/2019 10/22/2019	David Julian

LM Start	<b>2.96</b>	Rating **	M	Issue No.	<b>77 (cont)</b>
LM End	<b>2.96</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.298323 °	38.298323 °
				-121.566941 °	-121.566941 °
DWR ID	22032				
Comment Code					
Inspector Comment					
DS_ID:22032 FS_ID:11803 EP_NO: 1204 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Gap between sleeved pipes does not appear to be grouted on LS slope. FIELD_STRUCT_DESC: 12-inch steel irrigation conduit through the levee, 6 feet below the crown. 10-inch irrigation pipe sleeved through the 12-inch conduit. Pump on pile structure on the waterside (WS) toe. 48-inch concrete riser on the landside (LS) toe. (Permit No. 1204, 1947 - M. J. Barry Estate). [Additional Reference(s): USACE Sacramento O&M Manual 111, May 1959, (RM 31.82)]. FS Date: 4/10/2013					

Photo 2 of 2 : UCIP\_FA\_2019\_11803\_19260.jpg



10-inch steel irrigation pipe and steel pump structure on WS toe.

LM Start	<b>3.03</b>	Rating **	U	Issue No.	<b>56</b>
LM End	<b>3.03</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.297527 °	38.297527 °
				-121.566225 °	-121.566225 °
DWR ID	DWR_RD0551_01_f_2018_56				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_RD0551\_175\_56\_20190826\_00076.jpg



View looking upstream at landscaping on the landside slope (November 2018).

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

**Levee Inspection Report By Mile - Fall 2019**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/22/2019 10/22/2019	David Julian

LM Start	<b>3.45</b>	Rating **	U	Issue No.	<b>55</b>
LM End	<b>3.45</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.292710°	38.292710°
				-121.561440°	-121.561440°
DWR ID	DWR_RD0551_01_f_2018_55				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_RD0551\_175\_55\_20191024\_00125.jpg



View looking downstream at landscaping on the landside slope (Fall 2019).

LM Start	<b>3.71</b>	Rating **	M	Issue No.	<b>54</b>
LM End	<b>3.71</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.289920°	38.289920°
				-121.558357°	-121.558357°
DWR ID	DWR_RD0551_01_f_2018_54				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

LM Start	<b>3.81</b>	Rating **	U	Issue No.	<b>48</b>
LM End	<b>3.81</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.288783°	38.288783°
				-121.557128°	-121.557128°
DWR ID	DWR_RD0551_01_f_2017_48				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscaping should be maintained to allow inspection and access to landside slope and toe.					

Photo 1 of 1 : FA\_2019\_RD0551\_175\_48\_20191024\_00124.jpg



View looking upstream at landscaping on the landside slope (Fall 2019).

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

**Levee Inspection Report By Mile - Fall 2019**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/22/2019 10/22/2019	David Julian

LM Start	<b>3.91</b>	Rating **	M	Issue No.	<b>66</b>
LM End	<b>3.91</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.287760°	38.287760°
				-121.555837°	-121.555837°
DWR ID	DWR_RD0551_01_f_2019_66				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_RD0551\_175\_66\_20191024\_00123.jpg



View looking downstream at erosion due to goats on the landside slope (Fall 2019).

LM Start	<b>4.01</b>	Rating **	M	Issue No.	<b>78</b>
LM End	<b>4.01</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.286593°	38.286593°
				-121.554591°	-121.554591°
DWR ID	22034				
Comment Code					
Inspector Comment					
DS_ID:22034 FS_ID:11817 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Abandoned. Determine if pipe was removed or abandoned in place. FIELD_STRUCT_DESC: 8-inch irrigation pipe through the levee 6.7-feet below the crown. Abandoned slide gate at pad on WS slope. Originally included in O+M manual 1959. FS Date: 4/11/2013					

Photo 1 of 2 : UCIP\_FA\_2019\_11817\_19287.jpg



Abandoned slide gate 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 2019**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/22/2019 10/22/2019	David Julian

LM Start	4.01	Rating **	M	Issue No.	78 (cont)
LM End	4.01	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.286593 °	38.286593 °
				-121.554591 °	-121.554591 °
DWR ID	22034				
Comment Code					
Inspector Comment					
DS_ID:22034 FS_ID:11817 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Abandoned. Determine if pipe was removed or abandoned in place. FIELD_STRUCT_DESC: 8-inch irrigation pipe through the levee 6.7-feet below the crown. Abandoned slide gate at pad on WS slope. Originally included in O+M manual 1959. FS Date: 4/11/2013					

Photo 2 of 2 : UCIP\_FA\_2019\_11817\_19286.jpg



Abandoned slide gate on WS slope.

LM Start	4.02	Rating **	M	Issue No.	79
LM End	4.02	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.286568 °	38.286568 °
				-121.554569 °	-121.554569 °
DWR ID	22018				
Comment Code					
Inspector Comment					
DS_ID:22018 FS_ID:11823 EP_NO: 11146 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Wooden walkway in bad repair and presents a hazard to the public. FIELD_STRUCT_DESC: 14-inch irrigation pipe of an unknown material through the levee, 10.4 feet below the crown. Pump on pile structure in stream with wooden walkway. 48-inch concrete standpipe on the landside (LS) toe with booster pump and electrical panel. Siphon breaker in a 24-inch corrugated metal pipe (CMP) riser on the LS slope. 1.5-inch electrical conduit at the same location. (Automatic Board Order (ABO) issued as Permit No. 11146, 1975 - Edgar D. Turner, III). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 111, May 1959, (RM 30.75)]. FS Date: 4/11/2013					

Photo 1 of 2 : UCIP\_FA\_2019\_11823\_19301.jpg



24-inch CMP riser and 48-inch concrete riser 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 2019**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/22/2019 10/22/2019	David Julian

LM Start	<b>4.02</b>	Rating **	M	Issue No.	<b>79 (cont)</b>
LM End	<b>4.02</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.286568 °	38.286568 °
				-121.554569 °	-121.554569 °
DWR ID	22018				
Comment Code					
Inspector Comment					
DS_ID:22018 FS_ID:11823 EP_NO: 11146 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Wooden walkway in bad repair and presents a hazard to the public. FIELD_STRUCT_DESC: 14-inch irrigation pipe of an unknown material through the levee, 10.4 feet below the crown. Pump on pile structure in stream with wooden walkway. 48-inch concrete standpipe on the landside (LS) toe with booster pump and electrical panel. Siphon breaker in a 24-inch corrugated metal pipe (CMP) riser on the LS slope. 1.5-inch electrical conduit at the same location. (Automatic Board Order (ABO) issued as Permit No. 11146, 1975 - Edgar D. Turner, III). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 111, May 1959, (RM 30.75)]. FS Date: 4/11/2013					

Photo 2 of 2 : UCIP\_FA\_2019\_11823\_19300.jpg



Pump on pier with wooden walkway on WS toe.

LM Start	<b>4.04</b>	Rating **	U	Issue No.	<b>53</b>
LM End	<b>4.04</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.286255 °	38.286255 °
				-121.554193 °	-121.554193 °
DWR ID	DWR_RD0551_01_f_2018_53				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
There are many fresh rodent holes on the slope.					

Photo 1 of 1 : FA\_2019\_RD0551\_175\_53\_20191024\_00122.jpg



View looking downstream at fresh rodent holes in the landside slope (Fall 2019).

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

**Levee Inspection Report By Mile - Fall 2019**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/22/2019 10/22/2019	David Julian

LM Start	<b>4.09</b>	Rating **	M	Issue No.	<b>65</b>
LM End	<b>4.09</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.285805°	38.285805°	
			-121.553697°	-121.553697°	
DWR ID	DWR_RD0551_01_f_2019_65				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove prunings.					

No Photos

LM Start	<b>4.18</b>	Rating **	M	Issue No.	<b>60</b>
LM End	<b>4.23</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.284795°	38.284318°	
			-121.552597°	-121.551830°	
DWR ID	DWR_RD0551_01_s_2019_60				
Comment Code					
FE : Fence					
Inspector Comment					
A chainlink fence is located on landside.					

Photo 1 of 1 : FA\_2019\_RD0551\_175\_60\_20190826\_00080.jpg



View looking upstream at chainlink fence on the landside slope and shoulder (Spring 2019).

LM Start	<b>4.22</b>	Rating **	M	Issue No.	<b>52</b>
LM End	<b>4.22</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.284400°	38.284400°	
			-121.552035°	-121.552035°	
DWR ID	DWR_RD0551_01_f_2018_52				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_RD0551\_175\_52\_20190826\_00075.jpg



View looking upstream at landscaping on the landside slope (November 2018).

<b>* 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 2019**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/22/2019 10/22/2019	David Julian

LM Start	<b>4.39</b>	Rating **	M	Issue No.	<b>28 (cont)</b>
LM End	<b>4.47</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.282778 °	38.282108 °
				-121.549531 °	-121.548386 °
DWR ID	LMA-163				
Comment Code					
Inspector Comment					
<p>Levee Evaluation Comments Description: District Station 231+12 to 235+26, Sec. 16, T. 5 N. R. 4 E., M.D.M. Approximately 414 linear-feet of erosion and subsequent sloughing exists along the waterside slope of the Sacramento River. The erosion commences approximately 3/4 of the way down the slope to the rip rap line. Site ID No:336 Site Designation:LMA-163 Repair Type: Erosion Rating:Area of Concern Field Date:7/13/2017 Notes: We only saw erosion on about 1/2 the length reported by the LMA, but there is another site very close by. Crown is a paved road. Scarps up to 5 ft deep above the rip rap, mostly smaller though so rated this a lower priority site.</p>					

Photo 3 of 3 : FA\_2019\_RD0551\_175\_28\_20190826\_00022.jpg



LM Start	<b>4.49</b>	Rating **	A/W	Issue No.	<b>29</b>
LM End	<b>4.52</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.281994 °	38.281653 °
				-121.548214 °	-121.547700 °
DWR ID	LMA-164				
Comment Code					
Inspector Comment					
<p>Levee Evaluation Comments Description: District Station 235+90 to 237+83, Sec. 16, T. 5 N. R. 4 E., M.D.M. Approximately 193 linear-feet of erosion exists along the waterside slope of the Sacramento River. The erosion commences approximately halfway down the slope and extends to the rip rap. Some existing rip rap has been pulled off in this section. Site ID No:337 Site Designation:LMA-164 Repair Type: Erosion Rating:Area of Concern Field Date:7/13/2017 Notes: Crown is paved road. Veg on slope, not lower bank. Scarps up to 18 in deep above rip rap. Lower priority because erosion is fairly small and rip rap is in good shape through most of the site.</p>					

Photo 1 of 3 : FA\_2019\_RD0551\_175\_29\_20190826\_00023.jpg



<p><b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown</p>	<p><b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>N : Not Inspected/Rated C : Corrected 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 2019**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/22/2019 10/22/2019	David Julian

LM Start	<b>4.63</b>	Rating **	U	Issue No.	<b>64</b>
LM End	<b>4.63</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.280755 °	38.280755 °
				-121.546100 °	-121.546100 °
DWR ID	DWR_RD0551_01_f_2019_64				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_RD0551\_175\_64\_20191024\_00121.jpg



View looking upstream at landscaping on the landside slope (Fall 2019).

LM Start	<b>4.67</b>	Rating **	A/W	Issue No.	<b>30</b>
LM End	<b>4.70</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.280236 °	38.279892 °
				-121.545758 °	-121.545314 °
DWR ID	LMA-165				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description: District Station 245+47 to 247+26, Sec. 16, T. 5 N. R. 4 E., M.D.M. Approximately 179 linear-feet of erosion and sloughing exists along the waterside slope of the Sacramento River. The erosion commences approximately halfway down the slope and extends to the rip rap. Some existing rip rap has been pulled off in this section.					
Site ID No: 338					
Site Designation: LMA-165					
Repair Type: Erosion					
Rating: Area of Concern					
Field Date: 7/13/2017					
Notes: Crown is paved road. Scarps up to 7 ft deep, 2 ft typical above the rip rap. Area of concern because the deeper scarp only covered a short distance and was already vegetated so not actively eroding.					

Photo 1 of 3 : FA\_2019\_RD0551\_175\_30\_20190826\_00026.jpg



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

**Levee Inspection Report By Mile - Fall 2019**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/22/2019 10/22/2019	David Julian

LM Start	<b>4.82</b>	Rating **	U	Issue No.	<b>25</b>
LM End	<b>4.86</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.278760°	38.278287°	
			-121.543608°	-121.543132°	
DWR ID	DWR_RD0551_01_f_2018_25				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_RD0551\_175\_25\_20190826\_00013.jpg



View looking upstream at landscaping on the landside slope (November 2018).

LM Start	<b>4.92</b>	Rating **	A/W	Issue No.	<b>31</b>
LM End	<b>4.95</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		38.277589°	38.277256°	
			-121.542575°	-121.542211°	
DWR ID	LMA-166				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description: District Station 258+80 to 260+40, Sec. 16, T. 5 N. R. 4 E., M.D.M. Approximately 160 linear-feet of erosion exists along the waterside slope of the Sacramento River. The erosion commences approximately halfway down the slope from the crown and extends to the rip rap. Some existing rip rap has been pulled off in this section.					
Site ID No: 339					
Site Designation: LMA-166					
Repair Type: Erosion					
Rating: Area of Concern					
Field Date: 7/14/2017					
Notes: crown is a paved road. Scarps of 2.5 ft just above rip rap. Area of concern because erosion is fairly small.					

Photo 1 of 3 : FA\_2019\_RD0551\_175\_31\_20190826\_00029.jpg



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

**Levee Inspection Report By Mile - Fall 2019**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/22/2019 10/22/2019	David Julian

LM Start	<b>5.00</b>	Rating **	U	Issue No.	<b>44</b>
LM End	<b>5.00</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.276870°	38.276870°	
			-121.541463°	-121.541463°	
DWR ID	DWR_RD0551_01_f_2019_44				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_RD0551\_175\_44\_20191024\_00120.jpg



View looking slightly upstream at landscaping on the landside slope (Fall 2019).

LM Start	<b>5.05</b>	Rating **	M	Issue No.	<b>81</b>
LM End	<b>5.05</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DRAFT DWR UCIP Field Study		38.276220°	38.276220°	
			-121.540811°	-121.540811°	
DWR ID	22022				
Comment Code					
Inspector Comment					
DS_ID:22022 FS_ID:12105 EP_NO: 11125 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pumphouse has been removed from pump and pump is in disrepair. Pipe at LS toe is sleeved or has been replaced with a 6-inch PVC pipe. This pump appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 6-inch irrigation pipe of an unknown material through the levee, 6.5 feet below the crown. Pump and slide gate on the waterside (WS) slope. 1-inch electrical conduit at the same location with service pole at the landside (LS) toe. 4-foot by 6-foot concrete distribution box at the LS toe. (Automatic Board Order (ABO) issued as Permit No. 11125, 1975 - William H. and Evelyn J. Cortopassi). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 111, May 1959, (RM 29.71)]. FS Date: 4/11/2013					

Photo 1 of 3 : UCIP\_FA\_2019\_12105\_19649.jpg



Pipe in distribution box 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 2019**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/22/2019 10/22/2019	David Julian

LM Start	5.05	Rating **	M	Issue No.	81 (cont)
LM End	5.05	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.276220°	38.276220°
				-121.540811°	-121.540811°
DWR ID	22022				
Comment Code					
Inspector Comment					
DS_ID:22022 FS_ID:12105 EP_NO: 11125 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pumphouse has been removed from pump and pump is in disrepair. Pipe at LS toe is sleeved or has been replaced with a 6-inch PVC pipe. This pump appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 6-inch irrigation pipe of an unknown material through the levee, 6.5 feet below the crown. Pump and slide gate on the waterside (WS) slope. 1-inch electrical conduit at the same location with service pole at the landside (LS) toe. 4-foot by 6-foot concrete distribution box at the LS toe. (Automatic Board Order (ABO) issued as Permit No. 11125, 1975 - William H. and Evelyn J. Cortopassi). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 111, May 1959, (RM 29.71)]. FS Date: 4/11/2013					

Photo 2 of 3 : UCIP\_FA\_2019\_12105\_19648.jpg



Meter on pole at LS toe.

LM Start	5.05	Rating **	M	Issue No.	81 (cont)
LM End	5.05	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2019\_12105\_19647.jpg



Relocated pumphouse 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 2019**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/22/2019 10/22/2019	David Julian

LM Start	<b>5.06</b>	Rating **	A/W	Issue No.	<b>32 (cont)</b>
LM End	<b>5.09</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.276072°	38.275761°
				-121.540869°	-121.540497°
DWR ID	LMA-167				
Comment Code					
Inspector Comment					
<p>Levee Evaluation Comments                  Description: District Station 266+16 to 267+71, Sec. 21, T. 5 N. R. 4 E., M.D.M. Approximately 155 linear-feet of erosion and sloughing exists along the waterside slope of the Sacramento River. The erosion commences approximately 3/4 of the way down the slope from the crown and extends into the rip rap. Some existing rip rap has been pulled off in this section.                  Site ID No: 340                  Site Designation: LMA-167                  Repair Type: Erosion                  Rating: Area of Concern                  Field Date: 7/14/2017                  Notes: Crown is a paved road. There is a private boat dock in the middle of the site. Some exposed filter fabric. On the upstream side erosion is above the rip rap and on the downstream side it is within the rip rap. Scarps are 2-3 ft deep. Area of concern because erosion is not very deep into prism.</p>					

Photo 3 of 3 : FA\_2019\_RD0551\_175\_32\_20190826\_00034.jpg



LM Start	<b>5.08</b>	Rating **	M	Issue No.	<b>49</b>
LM End	<b>5.08</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.275865°	38.275865°
				-121.540461°	-121.540461°
DWR ID	DWR_RD0551_01_f_2017_49				
Comment Code					
V6 : Landscaping					
Inspector Comment					
<p>Landscaping should be maintained to allow inspection and access to landside slope and toe.</p>					

Photo 1 of 1 : FA\_2019\_RD0551\_175\_49\_20191024\_00119.jpg



View looking upstream at landscaping on the landside slope (Fall 2019).

<p><b>* Location</b>                  LS : Land Side    N/A : Not Applicable                  WS : Water Side                  CR : Crown</p>	<p><b>** Rating</b>                  A : Acceptable                  M : Minimally Acceptable                  U : Unacceptable</p>	<p>N : Not Inspected/Rated                  C : Corrected                  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 2019**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/22/2019 10/22/2019	David Julian

LM Start	5.12	Rating **	A/W	Issue No.	33 (cont)	
LM End	5.16	Issue Type +	Ma	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
			Start	End		
Item	2017 Storm Damage			38.275442°	38.274997°	
				-121.540094°	-121.539514°	
DWR ID	LMA-168					
Comment Code						
Inspector Comment						
<p><b>Levee Evaluation Comments</b>                      Description: District Station 269+37 to 271+66, Sec. 21, T. 5 N. R. 4 E., M.D.M. Approximately 229 linear-feet of erosion and sloughing exists along the waterside slope of the Sacramento River. The erosion commences approximately 3/4 of the way down the slope from the crown and extends to the rip rap.                      Site ID No: 341                      Site Designation: LMA-168                      Repair Type: Erosion                      Rating: Area of Concern                      Field Date: 7/14/2017                      Notes: crown is a paved road. Scarps up to 4-5 ft, but 18 inches for most of the length. Large tree within site. Area of concern because deeper erosion is only present for a short distance.</p>						

Photo 3 of 3 : FA\_2019\_RD0551\_175\_33\_20190826\_00037.jpg



LM Start	5.20	Rating **	A/W	Issue No.	34	
LM End	5.28	Issue Type +	Ma	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
			Start	End		
Item	2017 Storm Damage			38.274592°	38.273800°	
				-121.538958°	-121.537869°	
DWR ID	LMA-169					
Comment Code						
Inspector Comment						
<p><b>Levee Evaluation Comments</b>                      Description: District Station 273+82 to 278+08, Sec. 21 and 22, T. 5 N. R. 4 E., M.D.M. Approximately 426 linear-feet of erosion exists along the waterside slope of the Sacramento River. The erosion commences approximately halfway down the slope and extends to the rip rap. Some existing rip rap has been pulled off in this section.                      Site ID No: 342                      Site Designation: LMA-169                      Repair Type: Erosion                      Rating: Serious                      Field Date: 7/14/2017                      Notes: there is a 7 ft scarp that extends for 40-60 ft in very sandy soil, scarps are 2-4 ft the rest of the length. Worst site in this RD so far. Serious because of the length of this deeper scarp and the weak soil here. Crown is a paved road.</p>						

Photo 1 of 3 : FA\_2019\_RD0551\_175\_34\_20190826\_00038.jpg



* 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 2019**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/22/2019 10/22/2019	David Julian

LM Start	5.38	Rating **	A/W	Issue No.	35 (cont)
LM End	5.42	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.272867°	38.272411°
				-121.536597°	-121.535983°
DWR ID	LMA-170				
Comment Code					
Inspector Comment					
<p><b>Levee Evaluation Comments</b>            Description: District Station 283+08 to 285+49, Sec. 22, T. 5 N. R. 4 E., M.D.M. Approximately 241 linear-feet of erosion and sloughing exists along the waterside slope of the Sacramento River. The erosion commences approximately 3/4 of the way down the slope and extends to the rip rap. Some existing rip rap has been pulled off in this section.            Site ID No:343            Site Designation:LMA-170            Repair Type: Erosion            Rating:Area of Concern            Field Date:7/14/2017            Notes: Crown is a paved road. Scarps above rip rap 2-4 ft deep, but not continuous through whole site. Area of concern because erosion is not very deep into prism and is not continuous throughout site.</p>					

Photo 3 of 3 : FA\_2019\_RD0551\_175\_35\_20190826\_00043.jpg



LM Start	5.52	Rating **	A/W	Issue No.	36
LM End	5.54	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.271406°	38.271208°
				-121.534644°	-121.534381°
DWR ID	LMA-171				
Comment Code					
Inspector Comment					
<p><b>Levee Evaluation Comments</b>            Description: District Station 290+80 to 291+85, Sec. 22, T. 5 N. R. 4 E., M.D.M. Approximately 105 linear-feet of erosion and sloughing exists along the waterside slope of the Sacramento River. The erosion commences approximately 3/4 of the way down the slope and extends into the rip rap. Some existing rip rap has been pulled off in this section.            Site ID No:344            Site Designation:LMA-171            Repair Type: Erosion            Rating:Area of Concern            Field Date:7/14/2017            Notes: Crown is a paved road. Erosion scarps 1-4 ft deep just above rip rap. Area of concern because erosion is not very deep into prism.</p>					

Photo 1 of 3 : FA\_2019\_RD0551\_175\_36\_20190826\_00044.jpg



* 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 2019**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/22/2019 10/22/2019	David Julian

LM Start	<b>5.54</b>	Rating **	M	Issue No.	<b>58</b>
LM End	<b>5.54</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.271415°	38.271415°	
			-121.534307°	-121.534307°	
DWR ID	DWR_RD0551_01_s_2019_58				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Thin landscaping to allow visibility and access down landside slope.					

Photo 1 of 1 : FA\_2019\_RD0551\_175\_58\_20190826\_00078.jpg



View looking upstream at landscaping on the landside slope (Spring 2019).

LM Start	<b>5.59</b>	Rating **	U	Issue No.	<b>24</b>
LM End	<b>5.59</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.270840°	38.270833°	
			-121.533577°	-121.533563°	
DWR ID	DWR_RD0551_01_f_2018_24				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_RD0551\_175\_24\_20190826\_00012.jpg



View looking upstream at land scaping on the landside slope (November 2018).

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

**Levee Inspection Report By Mile - Fall 2019**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/22/2019 10/22/2019	David Julian

LM Start	<b>5.90</b>	Rating **	A/W	Issue No.	<b>59</b>
LM End	<b>5.90</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.267757°	38.267757°	
			-121.529443°	-121.529443°	
DWR ID	DWR_RD0551_01_f_2018_59				
Comment Code					
MA : Material					
Inspector Comment					
Boxes on landside shoulder inhibiting access down the levee.					

Photo 1 of 1 : FA\_2019\_RD0551\_175\_59\_20190826\_00079.jpg



View of boxes on the land side shoulder that landowner placed to block traffic from using driveway (November 2018).

LM Start	<b>5.95</b>	Rating **	M	Issue No.	<b>40</b>
LM End	<b>5.97</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		38.267286°	38.267094°	
			-121.528886°	-121.528642°	
DWR ID	LMA-176				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description: District Station 313+15 to 314+15, Sec. 22, T. 5 N. R. 4 E., M.D.M. Approximately 100 linear-feet of erosion and sloughing exists along the waterside slope of the Sacramento River. The erosion commences approximately halfway down the slope and extends into the rip rap. Some existing rip rap has been pulled off in this section.					
Site ID No: 349					
Site Designation: LMA-176					
Repair Type: Erosion					
Rating: Area of Concern					
Field Date: 7/14/2017					
Notes: 18 in to 3 ft vertical scarps just above rip rap. Crown is a paved road. Area of concern because erosion is not very deep into prism.					

Photo 1 of 3 : FA\_2019\_RD0551\_175\_40\_20190826\_00056.jpg



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

**Levee Inspection Report By Mile - Fall 2019**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/22/2019 10/22/2019	David Julian

LM Start	<b>6.22</b>	Rating **	A/W	Issue No.	<b>42 (cont)</b>
LM End	<b>6.24</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.264436°	38.264233°
				-121.525472°	-121.525219°
DWR ID	LMA-178				
Comment Code					
Inspector Comment					
<p>Levee Evaluation Comments                      Description: District Station 327+45 to 328+45, Sec. 22, T. 5 N. R. 4 E., M.D.M. Approximately 100 linear-feet of erosion and sloughing exists along the waterside slope of the Sacramento River. The erosion commences approximately halfway down the slope and extends into the rip rap. Existing rip rap has been pulled off in this section.                      Site ID No: 351                      Site Designation: LMA-178                      Repair Type: Erosion                      Rating: Serious                      Field Date: 7/14/2017                      Notes: Crown is a paved road. Scarps above rip rap are about 7 ft deep. Rated this serious because erosion scarps are pretty deep, sandy material, steep slope, the rip rap is in poor condition and high traffic on the levee road.</p>					

Photo 3 of 3 : FA\_2019\_RD0551\_175\_42\_20190826\_00064.jpg



LM Start	<b>6.27</b>	Rating **	A/W	Issue No.	<b>43</b>
LM End	<b>6.29</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.263906°	38.263756°
				-121.524778°	-121.524575°
DWR ID	LMA-179				
Comment Code					
Inspector Comment					
<p>Levee Evaluation Comments                      Description: District Station 330+19 to 330+99, Sec. 22, T. 5 N. R. 4 E., M.D.M. Approximately 80 linear-feet of erosion/sloughing and minor slippage exists along the waterside slope of the Sacramento River. The erosion/sloughing commences approximately halfway down the slope and extends into the rip rap. Existing rip rap has been pulled off in this section.                      Site ID No: 352                      Site Designation: LMA-179                      Repair Type: Erosion                      Rating: Area of Concern                      Field Date: 7/14/2017                      Notes: Crown is a paved road. Erosion scarps are only 1 ft deep. Area of concern because erosion is not very deep into prism.</p>					

Photo 1 of 3 : FA\_2019\_RD0551\_175\_43\_20190826\_00065.jpg



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