

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Spring 2020 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)				

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

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2020 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)				
Date of Inspection	3/25/2020 - 3/25/2020			
DWR Inspector	David Julian			
Accompanied By	Mr. Topper Van Loben Sels RD 551			

**Summer & Winter Inspections**

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

DWR must be informed on the:

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

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

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

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

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

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start		Rating **	A	Issue No.	3
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
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.	15
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
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.	23
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
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

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

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

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	0.01	Rating **	M	Issue No.	71
LM End	3.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.336337 °	38.293113 °
				-121.564748 °	-121.561914 °
DWR ID	DWR_RD0551_01_s_2020_71				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.40	Rating **	U	Issue No.	17
LM End	0.51	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					
Trim oleanders on waterside hinge.					

Photo 1 of 1 : SP\_2020\_RD0551\_175\_17\_20200325\_00123.jpg



View looking downstream of landscaping blocking view down waterside slope (Spring 2020).

**\* Location**  
 LS : Land Side    N/A : Not Applicable  
 WS : Water Side  
 CR : Crown

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

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	0.41	Rating **	M	Issue No.	72
LM End	0.41	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	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\_SP\_2020\_11705\_19145.jpg



Irrigation pipes on WS slope.

LM Start	<b>0.41</b>	Rating **	M	Issue No.	<b>72 (cont)</b>
LM End	<b>0.41</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_SP\_2020\_11705\_19144.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 - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	<b>0.41</b>	Rating **	M	Issue No.	<b>72 (cont)</b>
LM End	<b>0.41</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.332039 °	38.332039 °	
			-121.569730 °	-121.569730 °	
DWR ID	21982				

Photo 3 of 3 : UCIP\_SP\_2020\_11705\_19143.jpg



Various disconnected pipes visible at foundation/retaining wall under buildings on LS.

LM Start	0.49	Rating **	M	Issue No.	21
LM End	0.49	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 : SP\_2020\_RD0551\_175\_21\_20200304\_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 : SP\_2020\_RD0551\_175\_21\_20200304\_00007.jpg



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

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable 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 - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	0.49	Rating **	M	Issue No.	21 (cont)
LM End	0.49	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				

Photo 3 of 3 : SP\_2020\_RD0551\_175\_21\_20200304\_00008.jpg



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

LM Start	0.56	Rating **	M	Issue No.	69
LM End	0.59	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.330242 °	38.329830 °
				-121.571405 °	-121.571725 °
DWR ID	DWR_RD0551_01_f_2019_69				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP\_2020\_RD0551\_175\_69\_20200304\_00089.jpg



View looking downstream 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 - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	0.71	Rating **	M	Issue No.	73
LM End	0.71	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.328401 °	38.328401 °
				-121.572954 °	-121.572954 °
DWR ID	21985				
Comment Code					
Inspector Comment					
DS_ID:21985 FS_ID:11726 EP_NO: 6220 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be removed. FIELD_STRUCT_DESC: 8-inch coated steel irrigation pipe through the levee, 6.1 feet below the crown. Pump on the waterside (WS) with slide gate and air vent. (Permit No. 6220, 1968 - Robert U. Grant). [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 4/10/2013					

LM Start	<b>0.71</b>	Rating **	M	Issue No.	<b>73 (cont)</b>
LM End	<b>0.71</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_SP\_2020\_11726\_19165.jpg



Abandoned pump covered in vegetation on WS slope.

Photo 2 of 3 : UCIP\_SP\_2020\_11726\_19164.jpg



Pump, slide gate, and missing vent 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 - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	<b>0.71</b>	Rating **	M	Issue No.	<b>73 (cont)</b>
LM End	<b>0.71</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.328401 °	38.328401 °	
			-121.572954 °	-121.572954 °	
DWR ID	21985				

Photo 3 of 3 : UCIP\_SP\_2020\_11726\_19163.jpg



JP and pipe covered with vegetation on LS toe.

LM Start	0.73	Rating **	U	Issue No.	57
LM End	0.76	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 : SP\_2020\_RD0551\_175\_57\_20200304\_00080.jpg



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

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

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

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	0.89	Rating **	M	Issue No.	74	
LM End	0.89	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	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						

LM Start	<b>0.89</b>	Rating **	M	Issue No.	<b>74 (cont)</b>
LM End	<b>0.89</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_SP\_2020\_11727\_19168.jpg



Pump house and pipes visible on WS slope.

Photo 2 of 3 : UCIP\_SP\_2020\_11727\_19167.jpg



Pipe and JP 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 - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	<b>0.89</b>	Rating **	M	Issue No.	<b>74 (cont)</b>
LM End	<b>0.89</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.326088 °	38.326088 °	
			-121.574525 °	-121.574525 °	
DWR ID	21986				

Photo 3 of 3 : UCIP\_SP\_2020\_11727\_19166.jpg



galvanized iron filler pipe and 16-inch pipe visible at LS toe.

LM Start	0.93	Rating **	M	Issue No.	45
LM End	0.93	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.325577 °	38.325577 °
				-121.574800 °	-121.574800 °
DWR ID	DWR_RD0551_01_s_2020_45				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

LM Start	1.28	Rating **	M	Issue No.	63
LM End	1.28	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 : SP\_2020\_RD0551\_175\_63\_20200304\_00086.jpg



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

\* Location  
LS : Land Side N/A : Not Applicable  
WS : Water Side  
CR : Crown

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

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



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	1.36	Rating **	U	Issue No.	46
LM End	1.36	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 : SP\_2020\_RD0551\_175\_46\_20200304\_00070.jpg



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

LM Start	1.50	Rating **	M	Issue No.	19
LM End	1.51	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.317541 °	38.317325 °
				-121.576572 °	-121.576525 °
DWR ID	DWR_RD0551_01_f_2019_19				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	1.53	Rating **	M	Issue No.	6
LM End	1.60	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.317138 °	38.316060 °
				-121.576567 °	-121.576688 °
DWR ID	DWR_RD0551_01_s_2012_6				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Thin landscaping to allow visibility and access down waterside slope.					

Photo 1 of 1 : SP\_2020\_RD0551\_175\_6\_20200304\_00001.jpg



View looking downstream at landscaping on the waterside shoulder (Spring 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**

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	1.61	Rating **	M	Issue No.	67
LM End	2.54	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.315978 °	38.303430 °
				-121.576717 °	-121.571084 °
DWR ID	DWR_RD0551_01_s_2020_67				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	1.61	Rating **	C	Issue No.	18
LM End	1.68	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.315922 °	38.314978 °
				-121.576864 °	-121.576936 °
DWR ID	LMA-158				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
This has been corrected.					
Levee Evaluation Comments					
Description: District Station 84+15 to 87+60, Sec. 06, T. 5 N. R. 4 E., M.D.M. Approximately 135 linear-feet of erosion/sloughing exists along the waterside levee slope of the Sacramento River. Sloughing 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: 331					
Site Designation: LMA-158					
Repair Type: Erosion					
Rating: Area of Concern					
Field Date: 7/13/2017					
Notes: thorny veg on upper slope, light veg within rip rap. Crown is a paved road. 1 ft vertical scarp max just above rip rap so we rated it as a lower priority.					

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 - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	1.70	Rating **	U	Issue No.	62
LM End	1.70	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.314687 °	38.314687 °
				-121.576727 °	-121.576727 °
DWR ID	DWR_RD0551_01_s_2019_62				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscaping is blocking the view down the landside slope.					

Photo 1 of 1 : SP\_2020\_RD0551\_175\_62\_20200304\_00085.jpg



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

LM Start	1.78	Rating **	M	Issue No.	75
LM End	1.78	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.313552 °	38.313552 °
				-121.576640 °	-121.576640 °
DWR ID	21990				
Comment Code					
Inspector Comment					
DS_ID:21990 FS_ID:26874 EP_NO: 11145 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Based on District notes from January 14, 2014, pump discharge pipe has been repaired. Pipe failing on LS slope causing erosion along pipe alignment. Pipe debris on both slopes should be removed as well.: As of 12/13/2013 District President noted that the landowner had made repairs to the LS slope leaks.: As of 12/17/2013 District submitted letter to landowner explaining UCIP report details including photos of the pipe problems FIELD_STRUCT_DESC: 10-inch irrigation pipe of an unknown material through the levee, 4.7 feet below the crown. Pump in a 7-foot by 9-foot concrete pump house on the waterside (WS) slope. 36-inch concrete riser on the landside (LS) toe. 1-inch electrical conduit at the same location. Service pole at the LS toe. (Automatic Board Order (ABO) issued as Permit No. 11145, 1975 - Horace D. and Lucile Towne). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 111, May 1959, (RM 33.02), listed as an 8-inch pipe]. FS Date: 1/15/2014					

Photo 1 of 3 : UCIP\_SP\_2020\_26874\_49596.jpg



Pumphouse on WS slope.

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

**Levee Inspection Report By Mile - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	<b>1.78</b>	Rating **	M	Issue No.	<b>75 (cont)</b>
LM End	<b>1.78</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.313552 °	38.313552 °	
			-121.576640 °	-121.576640 °	
DWR ID	21990				

Photo 2 of 3 : UCIP\_SP\_2020\_26874\_49595.jpg



36-inch concrete standpipe at LS toe.

LM Start	<b>1.78</b>	Rating **	M	Issue No.	<b>75 (cont)</b>
LM End	<b>1.78</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_SP\_2020\_26874\_49594.jpg



Pipe failing on LS slope due to corrosion holes causing 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 - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	2.01	Rating **	M	Issue No.	76	
LM End	2.01	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	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\_SP\_2020\_11749\_19217.jpg



Fresh cut through pavement at crown.

LM Start	2.01	Rating **	M	Issue No.	77	
LM End	2.01	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	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\_SP\_2020\_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 - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	<b>2.01</b>	Rating **	M	Issue No.	<b>77 (cont)</b>
LM End	<b>2.01</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.310223 °	38.310223 °	
			-121.575458 °	-121.575458 °	
DWR ID	21991				

Photo 2 of 3 : UCIP\_SP\_2020\_11763\_19221.jpg



Pipe, electrical conduit, and booster pump on LS toe.

LM Start	<b>2.01</b>	Rating **	M	Issue No.	<b>77 (cont)</b>
LM End	<b>2.01</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_SP\_2020\_11763\_19220.jpg



Rodent activity undermining pipe on LS slope.

LM Start	2.25	Rating **	U	Issue No.	47
LM End	2.35	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 : SP\_2020\_RD0551\_175\_47\_20200304\_00071.jpg



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

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	2.26	Rating **	M	Issue No.	61
LM End	2.35	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 : SP\_2020\_RD0551\_175\_61\_20200304\_00084.jpg



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

LM Start	2.41	Rating **	M	Issue No.	78	
LM End	2.41	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	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\_SP\_2020\_11783\_19241.jpg



JP and 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	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	<b>2.41</b>	Rating **	M	Issue No.	<b>78 (cont)</b>
LM End	<b>2.41</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.305189 °	38.305189 °	
			-121.572012 °	-121.572012 °	
DWR ID	21994				

Photo 2 of 2 : UCIP\_SP\_2020\_11783\_19240.jpg



Pump, pipe, and butterfly valve on WS slope.

LM Start	<b>2.71</b>	Rating **	A/W	Issue No.	<b>22</b>
LM End	<b>2.74</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.301258 °	38.300922 °	
			-121.569550 °	-121.569258 °	
DWR ID	LMA-159				

**Comment Code**

E1 : Note and monitor erosion site.

**Inspector Comment**

This was a 2017 Storm Damage site.  
Approximately 149 linear-feet of erosion. 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  
3/25/2020 Field Notes: Do boat inspection to verify extent of erosion.  
Monitor.

Photo 1 of 3 : SP\_2020\_RD0551\_175\_22\_20200304\_00009.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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# Reclamation District No. 0551 Pearson

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	2.96	Rating **	M	Issue No.	79
LM End	2.96	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	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 1 of 2 : UCIP\_SP\_2020\_11803\_19261.jpg



48-inch concrete riser on LS toe.

LM Start	<b>2.96</b>	Rating **	M	Issue No.	<b>79 (cont)</b>
LM End	<b>2.96</b>	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP\_SP\_2020\_11803\_19260.jpg



10-inch steel irrigation pipe and steel pump structure 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 - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	3.03	Rating **	U	Issue No.	56
LM End	3.03	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 : SP\_2020\_RD0551\_175\_56\_20200304\_00079.jpg



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

LM Start	3.04	Rating **	A/W	Issue No.	26		
LM End	3.25	Issue Type +	Ma	Location *	WS		
Category	Earthen Levee			GPS Latitude/Longitude			
				Start	End		
Item	Erosion / Bank Caving			38.297258	°	38.294806	°
				-121.566231	°	-121.563958	°
DWR ID	DWR_RD0551_01_s_2020_26						
Comment Code							
E1 : Note and monitor erosion site.							
Inspector Comment							
This was a 2017 Storm Damage site. Approximately 1,104 linear-feet of erosion and subsequent sloughing. The erosion commences approximately halfway down the slope to the rip rap line. Site ID No:333 Site Designation:LMA-160 3/25/2020 Field Notes: Do boat inspection to verify extent of erosion. Monitor.							

Photo 1 of 3 : SP\_2020\_RD0551\_175\_26\_20200304\_00014.jpg



**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

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

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





# Reclamation District No. 0551 Pearson

A photograph showing a rocky stream bed with scattered stones and sparse vegetation. In the background, a white SUV is parked on a grassy bank under a clear blue sky.Page 22 of 56

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	3.34	Rating **	A/W	Issue No.	27 (cont)
LM End	3.36	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.293842 °	38.293642 °
				-121.562917 °	-121.562708 °
DWR ID	LMA-161				

Photo 3 of 3 : SP\_2020\_RD0551\_175\_27\_20200304\_00019.jpg



LM Start	3.45	Rating **	U	Issue No.	55
LM End	3.45	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 : SP\_2020\_RD0551\_175\_55\_20200304\_00078.jpg



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

LM Start	3.71	Rating **	M	Issue No.	54
LM End	3.74	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.289920 °	38.289544 °
				-121.558357 °	-121.557956 °
DWR ID	DWR_RD0551_01_f_2018_54				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

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

**Levee Inspection Report By Mile - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	3.81	Rating **	U	Issue No.	48
LM End	3.81	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 : SP\_2020\_RD0551\_175\_48\_20200304\_00072.jpg



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

LM Start	3.89	Rating **	M	Issue No.	70
LM End	6.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.287963 °	38.259511 °
				-121.556070 °	-121.518650 °
DWR ID	DWR_RD0551_01_s_2020_70				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2020\_RD0551\_175\_70\_20200325\_00125.jpg



View looking upstream at annual vegetation on the landside slope (Spring 2020).

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

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

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



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	3.91	Rating **	M	Issue No.	66
LM End	3.91	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					
E1 : Note and monitor erosion site.					
Inspector Comment					

Photo 1 of 1 : SP\_2020\_RD0551\_175\_66\_20200304\_00088.jpg



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

LM Start	4.01	Rating **	M	Issue No.	80
LM End	4.01	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	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\_SP\_2020\_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 - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	<b>4.01</b>	Rating **	M	Issue No.	<b>80 (cont)</b>
LM End	<b>4.01</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.286593 °	38.286593 °	
			-121.554591 °	-121.554591 °	
DWR ID	22034				

Photo 2 of 2 : UCIP\_SP\_2020\_11817\_19286.jpg



Abandoned slide gate on WS slope.

LM Start	<b>4.02</b>	Rating **	M	Issue No.	<b>81</b>
LM End	<b>4.02</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	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\_SP\_2020\_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 - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	4.02	Rating **	M	Issue No.	81 (cont)	
LM End	4.02	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.286568 °	38.286568 °	
				-121.554569 °	-121.554569 °	
DWR ID	22018					

Photo 2 of 2 : UCIP\_SP\_2020\_11823\_19300.jpg



Pump on pier with wooden walkway on WS toe.

LM Start	4.04	Rating **	M	Issue No.	53
LM End	4.04	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 : SP\_2020\_RD0551\_175\_53\_20200304\_00077.jpg



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

LM Start	4.09	Rating **	M	Issue No.	65
LM End	4.09	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

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

**Levee Inspection Report By Mile - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	4.18	Rating **	M	Issue No.	60
LM End	4.23	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 : SP\_2020\_RD0551\_175\_60\_20200304\_00083.jpg



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

LM Start	4.22	Rating **	M	Issue No.	52
LM End	4.22	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 : SP\_2020\_RD0551\_175\_52\_20200304\_00076.jpg



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

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

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

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	4.39	Rating **	A/W	Issue No.	28
LM End	4.47	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.282778 °	38.282108 °
				-121.549531 °	-121.548386 °
DWR ID	LMA-163				

**Comment Code**

E1 : Note and monitor erosion site.

**Inspector Comment**

This was a 2017 Storm Damage site.  
Approximately 414 linear-feet of erosion and subsequent sloughing.  
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  
3/25/2020 Field Notes: Do boat inspection to verify extent of erosion.  
Monitor.

LM Start	<b>4.39</b>	Rating **	A/W	Issue No.	<b>28 (cont)</b>
LM End	<b>4.47</b>	Issue Type +	Ma	Location *	WS

Photo 1 of 2 : SP\_2020\_RD0551\_175\_28\_20200304\_00020.jpg



Photo 2 of 2 : SP\_2020\_RD0551\_175\_28\_20200304\_00022.jpg



**\* Location**

LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**

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

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



# Reclamation District No. 0551 Pearson

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



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	4.59	Rating **	M	Issue No.	82
LM End	4.59	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.281074 °	38.281074 °
				-121.546628 °	-121.546628 °
DWR ID	22020				

**Comment Code**

**Inspector Comment**

DS\_ID:22020

FS\_ID:51324

EP\_NO: 11152

Repair Type: Non-Urgent

Crossing Status: Found

UCIP Comments: 10/24/2016 Per Mr. Topper Van Loben, LMA contact, new owner is working with DCC Engineering to obtain CVFPB permit for pipe rehabilitation. Work rehabilitation for existing pipe includes sleeving an 8-inch steel pipe through existing pipe and grouting space between pipes. Crossing has been downgraded to Non-Urgent since walkway has been repaired and pipe in the process of being rehabilitated. UCIP staff is waiting for permit authorizing pipe rehabilitation. (O. Magana - DWR UCIP) (Olivia) As of 09/21/2015 owner is working with Gilbert Labrie, LMA consultant, to resolve issue. (T. Van Loben - LMA representative / G. Labrie - LMA Engineer - DCC Engineering) As of 12/17/2013 District submitted letter to landowner explaining UCIP report details including photos of the pipe problems. (T. Van Loben - LMA representative / G. Labrie - LMA Engineer - DCC Engineering) As of 12/13/2013 the District has contacted the tenant farmer who is in the process of contacting the owner to update on condition of pipe. (T. Van Loben - LMA representative / G. Labrie - LMA Engineer - DCC Engineering) 04/11/2013 Pier for pump is falling apart and is a hazard to the public. Some settlement along pipe on LS slope. (W. Wylie - DWR UCIP)

FIELD\_STRUCT\_DESC: 10-inch steel irrigation pipe through the levee 6.5 feet below the crown. Service pole and a 36-inch concrete riser are located on the landside (LS) toe. 1-inch electrical conduit at same location. Metal walkway, pump, and control panel are located on the waterside (WS). Pump previous on pile structure has been removed not found in Oct 2016. (10-inch pipe authorized under Automatic Board Order (ABO) issued as Permit No. 11152, 1975 - Wilcox) [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual Unit 111, May 1959, (RM 30.15), Drawing Number 50-4-2983, Sheet 5]

FS Date: 10/24/2016

Photo 1 of 3 : UCIP\_SP\_2020\_51324\_46281.jpg



Pipe and stand pipe on LS toe with subsidence along pipe on LS slope.

* Location	** Rating	+ Issue Type
LS : Land Side    N/A : Not Applicable	A : Acceptable	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	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 - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	<b>4.59</b>	Rating **	M	Issue No.	<b>82 (cont)</b>
LM End	<b>4.59</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.281074 °	38.281074 °	
			-121.546628 °	-121.546628 °	
DWR ID	22020				

Photo 2 of 3 : UCIP\_SP\_2020\_51324\_46280.jpg



Pump on pier showing structural failure on WS toe.

LM Start	<b>4.59</b>	Rating **	M	Issue No.	<b>82 (cont)</b>
LM End	<b>4.59</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_SP\_2020\_51324\_76157.jpg



View of levee crown and LS slope, photo taken downstream of crossing looking upstream.

LM Start	4.63	Rating **	U	Issue No.	64
LM End	4.63	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 : SP\_2020\_RD0551\_175\_64\_20200304\_00087.jpg



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

**\* Location**

LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**

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

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	4.67	Rating **	C	Issue No.	30
LM End	4.70	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.280236 °	38.279892 °
				-121.545758 °	-121.545314 °
DWR ID	LMA-165				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
This has been corrected.					
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.					

No Photos

LM Start	4.82	Rating **	U	Issue No.	25
LM End	4.86	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 : SP\_2020\_RD0551\_175\_25\_20200304\_00013.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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# Reclamation District No. 0551 Pearson

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	4.92	Rating **	A/W	Issue No.	31 (cont)
LM End	4.95	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.277589 °	38.277256 °
				-121.542575 °	-121.542211 °
DWR ID	LMA-166				

Photo 3 of 3 : SP\_2020\_RD0551\_175\_31\_20200304\_00031.jpg



LM Start	5.00	Rating **	U	Issue No.	44
LM End	5.00	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 : SP\_2020\_RD0551\_175\_44\_20200304\_00068.jpg



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

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

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

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	5.05	Rating **	M	Issue No.	83
LM End	5.05	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	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

LM Start	<b>5.05</b>	Rating **	M	Issue No.	<b>83 (cont)</b>
LM End	<b>5.05</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_SP\_2020\_12105\_19649.jpg



Pipe in distribution box at LS toe.

Photo 2 of 3 : UCIP\_SP\_2020\_12105\_19648.jpg



Meter on pole 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 - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	5.05	Rating **	M	Issue No.	83 (cont)
LM End	5.05	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.276220 °	38.276220 °
				-121.540811 °	-121.540811 °
DWR ID	22022				

Photo 3 of 3 : UCIP\_SP\_2020\_12105\_19647.jpg



Relocated pumphouse on WS shoulder.

LM Start	5.06	Rating **	A/W	Issue No.	32
LM End	5.09	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.276072 °	38.275761 °
				-121.540869 °	-121.540497 °
DWR ID	LMA-167				

**Comment Code**

E1 : Note and monitor erosion site.

**Inspector Comment**

this was a 2017 Storm Damage site.  
Approximately 155 linear-feet of erosion and sloughing. 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  
3/25/2020 Field Notes: Do boat inspection to verify extent of erosion.  
Monitor.

Photo 1 of 3 : SP\_2020\_RD0551\_175\_32\_20200304\_00032.jpg



<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 - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	5.06	Rating **	A/W	Issue No.	32 (cont)
LM End	5.09	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.276072 °	38.275761 °
				-121.540869 °	-121.540497 °
DWR ID	LMA-167				

Photo 2 of 3 : SP\_2020\_RD0551\_175\_32\_20200304\_00033.jpg



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

Photo 3 of 3 : SP\_2020\_RD0551\_175\_32\_20200304\_00034.jpg



LM Start	5.08	Rating **	M	Issue No.	49
LM End	5.08	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					
Landscaping should be maintained to allow inspection and access to landside slope and toe.					

Photo 1 of 1 : SP\_2020\_RD0551\_175\_49\_20200304\_00073.jpg



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

**\* Location**

LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**

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

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	5.12	Rating **	A/W	Issue No.	33
LM End	5.16	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.275442 °	38.274997 °
				-121.540094 °	-121.539514 °
DWR ID	DWR_RD0551_01_s_2020_33				

**Comment Code**

E1 : Note and monitor erosion site.

**Inspector Comment**

This was a 2017 Storm Damage site.  
Approximately 229 linear-feet of erosion and sloughing. 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  
3/25/2020 Field Notes: Do boat inspection to verify extent of erosion. Monitor.

LM Start	<b>5.12</b>	Rating **	A/W	Issue No.	<b>33 (cont)</b>
LM End	<b>5.16</b>	Issue Type +	Ma	Location *	WS

Photo 1 of 3 : SP\_2020\_RD0551\_175\_33\_20200304\_00035.jpg



Photo 2 of 3 : SP\_2020\_RD0551\_175\_33\_20200304\_00036.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 - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	5.12	Rating **	A/W	Issue No.	33 (cont)
LM End	5.16	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.275442 °	38.274997 °
				-121.540094 °	-121.539514 °
DWR ID	DWR_RD0551_01_s_2020_33				

Photo 3 of 3 : SP\_2020\_RD0551\_175\_33\_20200304\_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				

Photo 1 of 3 : SP\_2020\_RD0551\_175\_34\_20200304\_00038.jpg



Comment Code					
Inspector Comment					
Planned For Repair. Levee Evaluation Comments 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.					

* Location	** Rating	+ Issue Type
LS : Land Side    N/A : Not Applicable	A : Acceptable	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	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 - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	5.20	Rating **	A/W	Issue No.	34 (cont)
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				

Photo 2 of 3 : SP\_2020\_RD0551\_175\_34\_20200304\_00039.jpg



LM Start	<b>5.20</b>	Rating **	A/W	Issue No.	<b>34 (cont)</b>
LM End	<b>5.28</b>	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SP\_2020\_RD0551\_175\_34\_20200304\_00040.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 - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	5.26	Rating **	M	Issue No.	84
LM End	5.26	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.274147 °	38.274147 °
				-121.538076 °	-121.538076 °
DWR ID	22023				
Comment Code					
Inspector Comment					
DS_ID:22023 FS_ID:26875 EP_NO: 11131 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Based on District notes from January 15, 2014, pump discharge pipe has been repaired. Corrosion holes in pipe at LS toe good indicator that pipe is failing internally. Pipe should be examined internally for damage (video inspect).: As of 12/12/2013 the District discussed with farmer tenant what needed to be done, and the tenant informed the District that they would address the repairs.: As of 12/17/2013 District submitted letter to landowner explaining UCIP report details including photos of the pipe problems FIELD_STRUCT_DESC: 10-inch irrigation pipe of an unknown material through the levee, 7.7 feet below the crown. Pump and slide gate on a concrete pad on the waterside (WS) slope. Siphon breaker in a 24-inch corrugated metal pipe (CMP) riser on the landside (LS) slope. Concrete riser and power pole with panel box on the LS toe. (Automatic Board Order (ABO) issued as Permit No. 11131, 1975 - Helen Crofton and Sloane Latimer). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 111, May 1959, (RM 29.52) (9-inch pipe listed)]. FS Date: 1/15/2014					

LM Start	5.26	Rating **	M	Issue No.	84 (cont)
LM End	5.26	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_SP\_2020\_26875\_49602.jpg



Concrete standpipe, JP and meter, and 4-inch steel pipe visible at LS toe.

Photo 2 of 3 : UCIP\_SP\_2020\_26875\_49601.jpg



Pump and slide gate at Concrete 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 - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	5.26	Rating **	M	Issue No.	84 (cont)
LM End	5.26	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.274147 °	38.274147 °
				-121.538076 °	-121.538076 °
DWR ID	22023				

Photo 3 of 3 : UCIP\_SP\_2020\_26875\_49600.jpg



Siphon breaker in 24-inch CMP riser on LS slope.

LM Start	5.38	Rating **	A/W	Issue No.	35
LM End	5.42	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.272867 °	38.272411 °
				-121.536597 °	-121.535983 °
DWR ID	LMA-170				

**Comment Code**

E1 : Note and monitor erosion site.

**Inspector Comment**

This was the 2017 Storm Damage site.  
Approximately 241 linear-feet of erosion and sloughing. 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  
3/25/2020 Field Notes: Do boat inspection to verify extent of erosion.  
Monitor.

Photo 1 of 3 : SP\_2020\_RD0551\_175\_35\_20200304\_00041.jpg



<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 - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	5.38	Rating **	A/W	Issue No.	35 (cont)
LM End	5.42	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.272867 °	38.272411 °
				-121.536597 °	-121.535983 °
DWR ID	LMA-170				

Photo 2 of 3 : SP\_2020\_RD0551\_175\_35\_20200304\_00042.jpg



LM Start	<b>5.38</b>	Rating **	A/W	Issue No.	<b>35 (cont)</b>
LM End	<b>5.42</b>	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SP\_2020\_RD0551\_175\_35\_20200304\_00043.jpg

**\* Location**

LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**

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

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	5.52	Rating **	A/W	Issue No.	36
LM End	5.54	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.271406 °	38.271208 °
				-121.534644 °	-121.534381 °
DWR ID	LMA-171				

**Comment Code**

E1 : Note and monitor erosion site.

**Inspector Comment**

This was a 2017 Storm Damage site.  
Approximately 105 linear-feet of erosion and sloughing. 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  
3/25/2020 Field Notes: Do boat inspection to verify extent of erosion.  
Monitor.

LM Start	<b>5.52</b>	Rating **	A/W	Issue No.	<b>36 (cont)</b>
LM End	<b>5.54</b>	Issue Type +	Ma	Location *	WS

Photo 1 of 3 : SP\_2020\_RD0551\_175\_36\_20200304\_00044.jpg



Photo 2 of 3 : SP\_2020\_RD0551\_175\_36\_20200304\_00045.jpg



<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 - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	5.52	Rating **	A/W	Issue No.	36 (cont)
LM End	5.54	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.271406 °	38.271208 °
				-121.534644 °	-121.534381 °
DWR ID	LMA-171				

Photo 3 of 3 : SP\_2020\_RD0551\_175\_36\_20200304\_00046.jpg



LM Start	5.54	Rating **	M	Issue No.	58
LM End	5.54	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 : SP\_2020\_RD0551\_175\_58\_20200304\_00081.jpg



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

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

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

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	5.59	Rating **	U	Issue No.	24
LM End	5.62	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.270840 °	38.270574 °
				-121.533577 °	-121.533281 °
DWR ID	DWR_RD0551_01_f_2018_24				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP\_2020\_RD0551\_175\_24\_20200304\_00012.jpg



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

LM Start	5.77	Rating **	A/W	Issue No.	37
LM End	5.79	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.269025 °	38.268814 °
				-121.531361 °	-121.531058 °
DWR ID	LMA-172				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
This was a 2017 Storm Damage site. Approximately 115 linear-feet of erosion and sloughing. The erosion occurs just above the rip rap line. Some existing rip rap has been pulled off in this section. Site ID No:345 Site Designation:LMA-172 3/25/2020 Field Notes: Do boat inspection to verify extent of erosion. Monitor.					

Photo 1 of 3 : SP\_2020\_RD0551\_175\_37\_20200304\_00047.jpg



\* **Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

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

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	5.77	Rating **	A/W	Issue No.	37 (cont)
LM End	5.79	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.269025 °	38.268814 °
				-121.531361 °	-121.531058 °
DWR ID	LMA-172				

Photo 2 of 3 : SP\_2020\_RD0551\_175\_37\_20200304\_00048.jpg



LM Start	<b>5.77</b>	Rating **	A/W	Issue No.	<b>37 (cont)</b>
LM End	<b>5.79</b>	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SP\_2020\_RD0551\_175\_37\_20200304\_00049.jpg

**\* Location**

LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**

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

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	5.85	Rating **	C	Issue No.	38
LM End	5.86	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.268244 °	38.268139 °
				-121.530233 °	-121.530075 °
DWR ID	LMA-173				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
This has been corrected.					
Levee Evaluation Comments					
Description:District Station 307+90 to 305+49, Sec. 22, T. 5 N. R. 4 E., M.D.M. Approximately 59 linear-feet of erosion exists along the waterside slope of the Sacramento River. The erosion occurs approximately halfway down the slope within the rip rapped area. Existing rip rap has been pulled off in this section.					
Site ID No:346					
Site Designation:LMA-173					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:7/14/2017					
Notes: Crown is a paved road. Erosion scarps 4-6 ft high, but soil is more stable than other nearby sites with large gravel in silt or clay so we rated this as an area of concern.					

No Photos

LM Start	5.88	Rating **	C	Issue No.	39
LM End	5.90	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.267989 °	38.267775 °
				-121.529853 °	-121.529533 °
DWR ID	LMA-174				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
This has been corrected.					
Levee Evaluation Comments					
Description:District Station 309+33 to 310+53, Sec. 22, T. 5 N. R. 4 E., M.D.M. Approximately 120 linear-feet of erosion and sloughing exists along the waterside slope of the Sacramento River. The erosion commences approximately halfway down the slope, extending into the rip rap. Some existing rip rap has been pulled off in this section.					
Site ID No:347					
Site Designation:LMA-174					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:7/14/2017					
Notes: Crown is a paved road. Pump house in the middle of this site. 18 inch scarps in and just above top of rip rap. Area of concern because erosion is not very deep into prism.					

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 - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	5.90	Rating **	U	Issue No.	50
LM End	5.90	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.267833 °	38.267833 °
				-121.529438 °	-121.529438 °
DWR ID	DWR_RD0551_01_f_2017_50				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscaping should be maintained to allow inspection and access to landside slope and toe. Trim/thin oleanders and ivy.					

Photo 1 of 1 : SP\_2020\_RD0551\_175\_50\_20200304\_00074.jpg



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

LM Start	5.90	Rating **	A/W	Issue No.	59
LM End	5.90	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 : SP\_2020\_RD0551\_175\_59\_20200304\_00082.jpg



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

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

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

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	5.95	Rating **	A/W	Issue No.	40
LM End	5.97	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.267286 °	38.267094 °
				-121.528886 °	-121.528642 °
DWR ID	LMA-176				

**Comment Code**

E1 : Note and monitor erosion site.

**Inspector Comment**

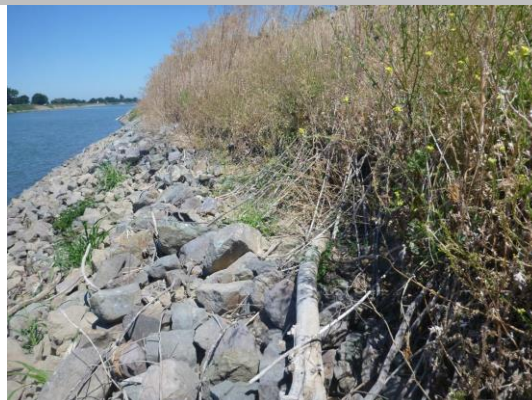
This was a 2017 Storm Damage site.  
Approximately 100 linear-feet of erosion and sloughing. The erosion commences approximately halfway down the slope and extends into the rip rap. Some existing rip rap has been pulled off in this section.  
Site ID No:349  
Site Designation:LMA-176  
3/25/2020 Field Notes: Do boat inspection to verify extent of erosion.  
Monitor.

LM Start	<b>5.95</b>	Rating **	A/W	Issue No.	<b>40 (cont)</b>
LM End	<b>5.97</b>	Issue Type +	Ma	Location *	WS

Photo 1 of 3 : SP\_2020\_RD0551\_175\_40\_20200304\_00056.jpg



Photo 2 of 3 : SP\_2020\_RD0551\_175\_40\_20200304\_00057.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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# Reclamation District No. 0551 Pearson

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	<b>6.01</b>	Rating **	A/W	Issue No.	<b>41 (cont)</b>
LM End	<b>6.08</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.266686 °	38.265917 °	
			-121.528128 °	-121.527194 °	
DWR ID	DWR_RD0551_01_s_2020_41				

Photo 2 of 3 : SP\_2020\_RD0551\_175\_41\_20200304\_00060.jpg



LM Start	<b>6.01</b>	Rating **	A/W	Issue No.	<b>41 (cont)</b>
LM End	<b>6.08</b>	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SP\_2020\_RD0551\_175\_41\_20200304\_00061.jpg



LM Start	6.19	Rating **	U	Issue No.	51
LM End	6.26	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.264814 °	38.264112 °
				-121.525728 °	-121.524845 °
DWR ID	DWR_RD0551_01_f_2017_51				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscaping should be maintained to allow inspection and access to landside slope and toe.					

Photo 1 of 1 : SP\_2020\_RD0551\_175\_51\_20200304\_00075.jpg



View looking downstream 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 - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	6.22	Rating **	A/W	Issue No.	42
LM End	6.24	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**

Planned For Repair.  
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.

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

Photo 1 of 3 : SP\_2020\_RD0551\_175\_42\_20200304\_00062.jpg



Photo 2 of 3 : SP\_2020\_RD0551\_175\_42\_20200304\_00063.jpg



**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

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

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



# Reclamation District No. 0551 Pearson

A photograph showing a rocky shoreline with tall, green grasses in the foreground. A large, leafy tree stands on the left side of the frame, partially obscuring the view of the water. The water is calm and blue, extending to the horizon under a clear sky. The shoreline is composed of light-colored rocks and patches of dry, yellowish grass.A photograph showing a stream bed with various sized rocks, fallen logs, and tall grasses. The scene is outdoors, likely in a forest or park setting. The water is not clearly visible, but the stream bed is composed of light-colored stones and debris. A large, weathered log lies horizontally across the middle of the frame. Tall, thin grasses grow in the foreground and along the right side. The background shows more trees and foliage, with dappled sunlight filtering through.

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2020**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	03/25/2020 03/25/2020	David Julian

LM Start	<b>6.27</b>	Rating **	A/W	Issue No.	<b>43 (cont)</b>
LM End	<b>6.29</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.263906 °	38.263756 °	
			-121.524778 °	-121.524575 °	
DWR ID	DWR_RD0551_01_s_2020_43				

Photo 2 of 3 : SP\_2020\_RD0551\_175\_43\_20200304\_00066.jpg



LM Start	<b>6.27</b>	Rating **	A/W	Issue No.	<b>43 (cont)</b>
LM End	<b>6.29</b>	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SP\_2020\_RD0551\_175\_43\_20200304\_00067.jpg



LM Start	6.44	Rating **	M	Issue No.	20
LM End	6.44	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.262388 °	38.262388 °
				-121.522368 °	-121.522368 °
DWR ID	DWR_RD0551_01_s_2019_20				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Cactus on the landside slope should be removed.					

Photo 1 of 1 : SP\_2020\_RD0551\_175\_20\_20200304\_00005.jpg



View of cactus on the landside shoulder (Spring 2019).

**\* Location**

LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**

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

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement