

**Flood Control Project Maintenance
Levee Inspections
LMA District Cover Sheet**

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**

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	4/27/2023 - 4/27/2023			
DWR Inspector	Saskia Donovan			
Accompanied By	Oleg Yakimov DWR			
	Topper Van Loben Sels Reclamation District 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 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

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					
ES : Emergency Supplies & Equipment					
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					
FP : Flood Preparedness & Training					
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					
OM : O&M Manuals					
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
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Reclamation District No. 0551 Pearson

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	0.07	Rating **	M	Issue No.	1 (cont)
LM End	0.07	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.335670 °	38.335670 °	
			-121.565490 °	-121.565490 °	
DWR ID	21971				

Photo 3 of 3 : UCIP_SP_2023_57695_85477.jpg



Land-Side: Abandoned 10-inch pipe between pumphouse and concrete standpipe

LM Start	0.15	Rating **	U	Issue No.	93
LM End	0.15	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.334817 °	38.334817 °
				-121.566452 °	-121.566452 °
DWR ID	DWR_RD0551_01_f_2022_93				
Comment Code					
FW : Firewood					
Inspector Comment					
There is large pile of firewood and material along the LS toe.					

Photo 1 of 1 : SP_2023_RD0551_175_93_20230206_00039.jpg



View of the large woodpile and material on the LS toe (Fall 2022).

* 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 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

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_2023_RD0551_175_17_20230206_00004.jpg



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

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 1 : SP_2023_RD0551_175_21_20230206_00006.jpg



View of the building on the WS toe (Fall 2022).

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_2023_RD0551_175_69_20230206_00030.jpg



View of the landscaping on the LS slope (Fall 2022).

* 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 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	0.71	Rating **	M	Issue No.	4	
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:60085 EP_NO: 6220 Repair Type: Non-Urgent EVAL Issue: 6, Levee Damage or Threat for Levee Damage Crossing Status: Found UCIP Comments: 05/27/2020 Record remains Non-Urgent. Two sinkholes on waterside levee slope that measure 18"x 12"x 6" deep found in pipe alignment. Crossing appears abandoned. Pipe is heavily rusted at riverbank. From conversation with adjacent property owner found out that pipe is located on easement to the property just across from the crossing and used to serve water for orchard on landside. (O.Yakimov - DWR UCIP) 04/10/2013 Pipe abandoned and should be removed. (W.Wylie - DWR UCIP) 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. (8-inch pipe authorized under Permit No. 6220, 1968 - Robert U. Grant). [Additional Reference(s): DWR Levee Log, 2005 (HLM 0.71)]. FS Date: 5/27/2020 8:59:30 AM						

LM Start	0.71	Rating **	M	Issue No.	4 (cont)
LM End	0.71	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2023_60085_87347.jpg



Water-Side: Abandoned pipe, pump, and gate valve

Photo 2 of 3 : UCIP_SP_2023_60085_87350.jpg



Water-Side: A sinkhole in pipe alignment measures 12"x 18"x 6" deep

* 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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	0.71	Rating **	M	Issue No.	4 (cont)
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				

Photo 3 of 3 : UCIP_SP_2023_60085_87352.jpg



Water-Side: Heavily rusted pipe in riverbank

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_2023_RD0551_175_57_20230206_00022.jpg



View of thick landscaping on the landside slope (Fall 2021).

* 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 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	0.89	Rating **	U	Issue No.	5
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:60086 EP_NO: 701 Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 06/02/2020 Record updated from Non-Urgent to Urgent. Through hole in pipe visible on landside slope, missing wall of pipe at riverbank. 2-foot diameter scour hole present around a hole in pipe on landside slope. 3-foot diameter and 3-inch deep depression of levee slope just above this hole. Crossing appears abandoned. (O.Yakimov - DWR UCIP) 04/10/2013 Pipe appears abandoned and should be done so properly. Good candidate for video inspection. (W.Wylie - DWR UCIP) 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. (16-inch pipe authorized under Permit No. 701, 1937 - American Trust Company). [Additional Reference(s): DWR Levee Log, 2005 (HLM 0.89). USACE Sacramento O&M Manual, Unit 111, May 1959, Revised 29 December 2016, (RM 33.91), listed as 14-inch pipe. USACE As-Built Drawing No. 06-13-1100, Sheet 12, upstream of 'L' 1348+33, January 1933]. FS Date: 6/2/2020 10:38:50 AM					

LM Start	0.89	Rating **	U	Issue No.	5 (cont)
LM End	0.89	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2023_60086_87357.jpg



Land-Side: View of through hole in pipe on levee slope

Photo 2 of 3 : UCIP_SP_2023_60086_87359.jpg



Water-Side: Abandoned pump house on levee slope

* 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	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	0.89	Rating **	U	Issue No.	5 (cont)
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				

Photo 3 of 3 : UCIP_SP_2023_60086_87353.jpg



Water-Side: Missing wall of pipe at riverbank

LM Start	0.90	Rating **	M	Issue No.	7
LM End	0.90	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.325955 °	38.325955 °	
			-121.574608 °	-121.574608 °	
DWR ID	21987				

Comment Code

Inspector Comment

DS_ID:21987
 FS_ID:60092
 EP_NO: 793A
 Repair Type: Non-Urgent
 EVAL Issue: 10, Unauthorized Modification or Non-Compliant Permit
 Crossing Status: Found
 UCIP Comments: 06/02/2020 Record updated from No Action Needed to Non-Urgent. Pump and screen filters installed on landside, capped old 12-inch pipe on landside slope next to the standpipe. Unable to find a permit authorizing modifications to this crossing. Two abandoned concrete standpipes on the landside slope and at the toe, abandoned pump piles at riverbank. Minor runoff erosion on waterside shoulder in pipe alignment. Pipe debris at riverbank. (O.Yakimov - DWR UCIP)
 FIELD_STRUCT_DESC: 8-inch steel irrigation pipe sleeved through a 12-inch pipe with annular space grouted 7.8 feet below the crown. Pump and pressure booster at the landside (LS) toe with switch panel and power pole. (12-inch pipe authorized under Permit No. 793, 1939 - Margaret H. Smith Estate). (Sleeving 8-inch pipe through existing 10-inch pipe and grouting annular space authorized under Permit No. 793A, 1974 - George W.G. Smith). [Additional Reference(s): DWR Levee Log, 2005 (HLM 0.90). USACE Sacramento O&M Manual, Unit 111, May 1959, Revised 29 December 2016, (RM 33.90), listed as 12-inch pipe].
 FS Date: 6/2/2020 1:07:09 PM

Photo 1 of 3 : UCIP_SP_2023_60092_87369.jpg



Land-Side: Levee slope, and abandoned concrete standpipe

* 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 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	0.90	Rating **	M	Issue No.	7 (cont)
LM End	0.90	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.325955°	38.325955°	
			-121.574608°	-121.574608°	
DWR ID	21987				

Photo 2 of 3 : UCIP_SP_2023_60092_87367.jpg



Land-Side: Capped old 12-inch pipe on levee slope

LM Start	0.90	Rating **	M	Issue No.	7 (cont)
LM End	0.90	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2023_60092_87365.jpg



Land-Side: 8-inch pipe comes out of 12-inch pipe on levee slope

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					
There is ivy covering the LS slope.					

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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

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_2023_RD0551_175_63_20230206_00028.jpg



View of the cactus on the LS slope (Fall 2022).

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_2023_RD0551_175_46_20230206_00012.jpg



View of the landscaping on the LS slope (Fall 2022).

* 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	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	1.51	Rating **	M	Issue No.	8	
LM End	1.51	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.317452°	38.317452°	
				-121.576564°	-121.576564°	
DWR ID	22007					
Comment Code						
Inspector Comment						
DS_ID:22007 FS_ID:60128 EP_NO: 16640 Repair Type: Non-Urgent EVAL Issue: 10, Unauthorized Modification or Non-Compliant Permit Crossing Status: Found UCIP Comments: 06/02/2020 Record updated from No Action Needed to Non-Urgent. Unable to locate a permit authorizing to sleeve 10-inch pipe through 12-inch pipe. (O.Yakimov - DWR UCIP) FIELD_STRUCT_DESC: 10-inch coated steel irrigation pipe sleeved through a 12-inch pipe, 2 feet below the crown. Pump in pump house on the waterside (WS). Pipe discharges into a 6-foot by 10-foot concrete distribution box on the landside (LS) slope. (12-inch pipe authorized under Permit No. 16640, 1996 - Carel D. Van Loben Sels). FS Date: 6/2/2020 9:21:00 AM						

LM Start	1.51	Rating **	M	Issue No.	8 (cont)
LM End	1.51	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2023_60128_87408.jpg



Top of Levee: View of levee crown looking downstream

Photo 2 of 3 : UCIP_SP_2023_60128_87410.jpg



Land-Side: View of levee slope looking from crown

* 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 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	1.51	Rating **	M	Issue No.	8 (cont)
LM End	1.51	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.317452°	38.317452°	
			-121.576564°	-121.576564°	
DWR ID	22007				

Photo 3 of 3 : UCIP_SP_2023_60128_87411.jpg



Land-Side: Concrete distribution box at levee toe covered with metal grate

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_2023_RD0551_175_6_20230206_00003.jpg



View of the landscaping on the WS shoulder and slope (Fall 2022).

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_2023_RD0551_175_62_20230206_00027.jpg



View of the landscaping on the LS slope (Fall 2022).

* 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 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	1.78	Rating **	M	Issue No.	9
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:60145
EP_NO: 11145
Repair Type: Non-Urgent
EVAL Issue: 10, Unauthorized Modification or Non-Compliant Permit
Crossing Status: Found
UCIP Comments: 06/02/2020 Record remains Non-Urgent. A portion on pipe on landside slope was replaced. Due to overgrown vegetation unable to locate connection of a replaced pipe segment to a pipe through the levee and evaluate levee slope condition. Pump house on waterside has been removed. Intake pipe at riverbank to the pump has been replaced, pipe debris left at riverbank. Unable to locate a permit for replacing the pipe segment on landside slope. No permit has been identified authorizing pipe through the levee. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP) 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 on concrete pad, butterfly valve, and U-shaped headwall 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. (10-inch pipe [HLM 1.78] authorized under Automatic Board Order (ABO) issued as Permit No. 11145, 1975 - Horace D. & Lucile Towne). [Additional Reference(s): DWR Levee Log, 2005 (HLM 1.78). USACE Sacramento O&M Manual, Unit 111, May 1959, Revised 29 December 2016, (RM 33.02), listed as 8-inch pipe. USACE As-Built Drawing No. 06-13-1100, Sheet 13, RM 33, upstream of 'L' 1396+35, January 1933].
FS Date: 6/2/2020 11:15:34 AM

Photo 1 of 3 : UCIP_SP_2023_60145_87424.jpg



Water-Side: View of levee slope looking from crown

* 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 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	1.78	Rating **	M	Issue No.	9 (cont)
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				

Photo 2 of 3 : UCIP_SP_2023_60145_87422.jpg



Water-Side: Overview of waterside looking from river

LM Start	1.78	Rating **	M	Issue No.	9 (cont)
LM End	1.78	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2023_60145_87420.jpg



Land-Side: New pipe visible on levee slope

LM Start	2.24	Rating **	M	Issue No.	40
LM End	2.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.307469°	38.307469°
				-121.573203°	-121.573203°
DWR ID	DWR_RD0551_01_s_2023_40				
Comment Code					
T2 : Tree or limb.					
Inspector Comment					

Photo 1 of 1 : SP_2023_RD0551_175_40_20230515_00112.jpg



View of the tree limb on the LS slope (Spring 2023).

* 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 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

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_2023_RD0551_175_47_20230206_00013.jpg



View of the landscaping on the LS slope (Fall 2022).

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_2023_RD0551_175_61_20230206_00026.jpg



View of the fence on the LS slope (Fall 2022).

* 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 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	2.41	Rating **	M	Issue No.	10
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:60233 EP_NO: 11141 Repair Type: Non-Urgent EVAL Issue: 10, Unauthorized Modification or Non-Compliant Permit Crossing Status: Found UCIP Comments: 06/02/2020 Record remains Non-Urgent. Field measured pipe through the levee to be 11-inch in diameter. 8-inch pipe sleeved through 11-inch pipe. Annular space between pipes seems to be grouted. Concrete standpipe at landside levee toe has been removed. Unable to locate a permit for modifications. No permit has been identified authorizing original pipe. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP) 04/10/2013 Records indicate this pipe was abandoned, but it appears to be active. Verify status. (W.Wylie - DWR UCIP) FIELD_STRUCT_DESC: 8-inch steel irrigation pipe sleeved through 11-inch 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. This crossing replaces 12-inch pipe (see DSID 25637). (12-inch pipe authorized under Permit No. 747, 1938 - Runyon And Stephenson). (12-inch pipe [HLM 2.32] authorized under Automatic Board Order (ABO) issued as Permit No. 1975, 1975 - Adele Runyon, Et Al). [Additional Reference(s): DWR Levee Log, 2005 (HLM 2.42), listed as 12-inch pipe. USACE Sacramento O&M Manual, Unit 111, May 1959, Revised 29 December 2016, (RM 32.38), listed as 12-inch pipe. USACE As-Built Drawing No. 06-13-1100, Sheet 13, 'L' 1422+78, January 1933, listed as 12-inch pipe. USACE As-Built Drawing No. 50-04-2983, Sheet 9, STA 1+50, March 1954]. FS Date: 6/2/2020 9:53:01 AM					

Photo 1 of 3 : UCIP_SP_2023_60233_87517.jpg



Land-Side: Overview of levee slope. Concrete standpipe is gone

* 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 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	2.41	Rating **	M	Issue No.	10 (cont)
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				

Photo 2 of 3 : UCIP_SP_2023_60233_87515.jpg



Water-Side: 8-inch pipe sleeved through 11-inch pipe. Annular space filler plug with grout spilled on pipe

LM Start	2.41	Rating **	M	Issue No.	10 (cont)
LM End	2.41	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2023_60233_87519.jpg



Water-Side: View of levee slope and pipe looking from river

LM Start	2.62	Rating **	M	Issue No.	88
LM End	2.62	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.302511°	38.302511°
				-121.570354°	-121.570354°
DWR ID	DWR_RD0551_01_f_2021_88				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2023_RD0551_175_88_20230206_00034.jpg



View looking at multiple animal holes in the landside slope (Fall 2021).

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	2.96	Rating **	M	Issue No.	11
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:60293 EP_NO: 1204 Repair Type: Non-Urgent EVAL Issue: 10, Unauthorized Modification or Non-Compliant Permit Crossing Status: Found UCIP Comments: 06/02/2020 Record remains Non-Urgent. Unable to locate a permit authorizing to sleeve 10-inch pipe through 12-inch pipe. Wet spot on the ground observed at concrete standpipe. (O.Yakimov - DWR UCIP) 04/10/2013 Gap between sleeved pipes does not appear to be grouted on LS slope. (W.Wylie - DWR UCIP) 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. (12-inch pipe authorized under Permit No. 1204, 1947 - M. J. Barry Estate). [Additional Reference(s): USACE Sacramento O&M Manual, Unit 111, May 1959, Revised 29 December 2016, (RM 31.82), listed as 12-inch pipe]. USACE As-Built Drawing No. 06-13-1100, Sheet 13, upstream of 'L' 1460+20, January 1933. USACE As-Built Drawing No. 50-04-2983, Sheet 8, STA 30+80, March 1954]. FS Date: 6/2/2020 1:26:54 PM					

LM Start	2.96	Rating **	M	Issue No.	11 (cont)
LM End	2.96	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2023_60293_87554.jpg



Water-Side: Pump on pile structure and timber walkway to the pump

Photo 2 of 3 : UCIP_SP_2023_60293_87556.jpg



Land-Side: View of levee slope looking from crown

* 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 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	2.96	Rating **	M	Issue No.	11 (cont)
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				

Photo 3 of 3 : UCIP_SP_2023_60293_87559.jpg



Land-Side: 48-inch concrete standpipe at levee toe. Wet spot on the ground next to it

LM Start	3.01	Rating **	U	Issue No.	56
LM End	3.03	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.297744°	38.297527°
				-121.566446°	-121.566225°
DWR ID	DWR_RD0551_01_f_2018_56				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2023_RD0551_175_56_20230206_00021.jpg



View of the landscaping on the LS slope (Fall 2022).

LM Start	3.32	Rating **	C	Issue No.	92
LM End	3.36	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.294130°	38.293722°
				-121.562962°	-121.562510°
DWR ID	DWR_RD0551_01_f_2022_92				
Comment Code					
MISC : Miscellaneous					
Inspector Comment					
The beehives have been removed.					

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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	3.38	Rating **	M	Issue No.	12
LM End	3.38	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.293486°	38.293486°
				-121.562328°	-121.562328°
DWR ID	22041				
Comment Code					
Inspector Comment					
DS_ID:22041 FS_ID:60354 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 4b, Safety Issue Crossing Status: Found UCIP Comments: 06/03/2020 Record updated from No Action Needed to Non-Urgent. Damaged CMP riser on landside slope missing cover - safety issue. Pump on waterside slope is removed and replaced with submersible pump. Unable to find a permit for modification. No permit has been identified authorizing pipe through levee. (O.Yakimov - DWR UCIP) FIELD_STRUCT_DESC: 12-inch steel irrigation pipe through the levee, 6 feet below the crown. Pipe measures 10 inches in diameter at the slopes of the levee. Metal steps to pump on concrete pad on the waterside (WS). Vent in a 36-inch corrugated metal pipe (CMP) riser on the landside (LS) shoulder. 1-inch electrical conduit at the same location with an electrical panel on a pole at the LS toe. [Additional Reference(s): USACE Sacramento O&M Manual, Unit 111, May 1959, Revised 29 December 2016, (RM 31.38), listed as 12-inch pipe. USACE As-Built Drawing No. 06-13-1100, Sheet 13, upstream of 'L' 1482+00, January 1933]. FS Date: 6/3/2020 11:25:42 AM					

LM Start	3.38	Rating **	M	Issue No.	12 (cont)
LM End	3.38	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2023_60354_87569.jpg



Top of Levee: View of levee crown looking towards landside. Cut in pavement in pipe alignment is visible

Photo 2 of 3 : UCIP_SP_2023_60354_87570.jpg



Water-Side: View of levee slope looking from crown

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	3.38	Rating **	M	Issue No.	12 (cont)
LM End	3.38	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.293486°	38.293486°	
			-121.562328°	-121.562328°	
DWR ID	22041				

Photo 3 of 3 : UCIP_SP_2023_60354_87571.jpg



Water-Side: A pad where pump was installed on levee slope

LM Start	3.40	Rating **	M	Issue No.	13
LM End	3.40	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.293290°	38.293290°	
			-121.562120°	-121.562120°	
DWR ID	22011				

Comment Code

Inspector Comment

DS_ID:22011
 FS_ID:60363
 EP_NO: 1541
 Repair Type: Non-Urgent
 EVAL Issue: 4b, Safety Issue
 Crossing Status: Found
 UCIP Comments: 06/03/2020 Record updated from No Action Needed to Non-Urgent. Safety concern - missing cover on CMP riser on landside slope. Missing file of permit No. 18225, unable to confirm pipe replacement details. (O.Yakimov - DWR UCIP)
 FIELD_STRUCT_DESC: 12-inch steel irrigation pipe through the levee, 8.5 feet below the crown. Pump on pile structure in stream. Siphon breaker in a 24-inch corrugated metal pipe (CMP) riser on the landside (LS) slope. 36-inch concrete standpipe with slide gate at landside levee toe. (12-inch pipe authorized under Permit No. 1541, 1951 - Vorden Farms, Inc.). (Installation of 2 pumps and replacement of existing pipe above ground on both levee slopes authorized under Permit No. 18225, 2007 - Robert Arceo). [Additional Reference(s): DWR Levee Log, 2005 (HLM 3.42). USACE As-Built Drawing No. 50-04-2983, Sheet 7, downstream of STA 51+62.35, March 1954].
 FS Date: 6/3/2020 11:52:04 AM

Photo 1 of 3 : UCIP_SP_2023_60363_87583.jpg



Top of Levee: View of levee crown looking downstream

* 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 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	3.40	Rating **	M	Issue No.	13 (cont)
LM End	3.40	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.293290°	38.293290°	
			-121.562120°	-121.562120°	
DWR ID	22011				

Photo 2 of 3 : UCIP_SP_2023_60363_87584.jpg



Water-Side: View of levee slope looking from crown

LM Start	3.40	Rating **	M	Issue No.	13 (cont)
LM End	3.40	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2023_60363_87585.jpg



Water-Side: Pump on pile structure in the stream, walkway bridge

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_2023_RD0551_175_55_20230206_00020.jpg



View of the landscaping on the LS slope (Fall 2022).

* 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 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

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					

Photo 1 of 1 : SP_2023_RD0551_175_54_20230206_00019.jpg



View of the landscaping on the LS slope (Fall 2022).

LM Start	3.78	Rating **	U	Issue No.	48
LM End	3.85	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.289067°	38.288394°
				-121.557423°	-121.556591°
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_2023_RD0551_175_48_20230206_00014.jpg



View of the landscaping on the LS slope (Fall 2022).

LM Start	3.80	Rating **	M	Issue No.	33
LM End	3.80	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.288887°	38.288887°
				-121.557204°	-121.557204°
DWR ID	DWR_RD0551_01_s_2023_33				
Comment Code					
T2 : Tree or limb.					
Inspector Comment					

Photo 1 of 1 : SP_2023_RD0551_175_33_20230515_00106.jpg



View of the tree limb and branches on the WS slope (Spring 2023).

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	3.81	Rating **	M	Issue No.	35
LM End	3.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.288805°	38.288805°
				-121.557125°	-121.557125°
DWR ID	DWR_RD0551_01_s_2023_35				
Comment Code					
T2 : Tree or limb.					
Inspector Comment					

Photo 1 of 1 : SP_2023_RD0551_175_35_20230515_00107.jpg



View of the fallen tree on the LS shoulder and slope (Spring 2023).

LM Start	3.89	Rating **	C	Issue No.	90
LM End	3.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.287898°	38.287898°
				-121.556062°	-121.556062°
DWR ID	DWR_RD0551_01_f_2020_90				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	3.91	Rating **	C	Issue No.	66
LM End	3.91	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			38.287760°	38.287760°
				-121.555837°	-121.555837°
DWR ID	DWR_RD0551_01_f_2019_66				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

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	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	4.01	Rating **	M	Issue No.	39
LM End	4.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.286591°	38.286591°
				-121.554545°	-121.554545°
DWR ID	DWR_RD0551_01_s_2023_39				
Comment Code					
T2 : Tree or limb.					
Inspector Comment					

Photo 1 of 1 : SP_2023_RD0551_175_39_20230515_00111.jpg



View of the tree limb and branches on the LS slope (Spring 2023).

LM Start	4.04	Rating **	C	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					

No Photos

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_2023_RD0551_175_60_20230206_00025.jpg



View of the fence on the LS shoulder and slope (Fall 2022).

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

**Flood Control Project Maintenance
Levee Inspections**

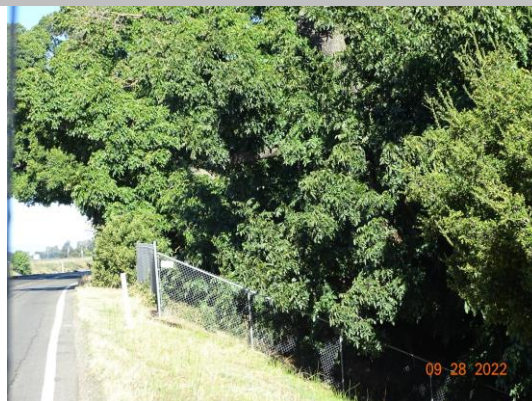
Levee Inspection Report By Mile - Spring 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	4.22	Rating **	U	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_2023_RD0551_175_52_20230206_00017.jpg



View of the landscaping on the LS slope (Fall 2022).

LM Start	4.40	Rating **	M	Issue No.	38
LM End	4.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.282903°	38.282903°
				-121.549398°	-121.549398°
DWR ID	DWR_RD0551_01_s_2023_38				
Comment Code					
T2 : Tree or limb.					
Inspector Comment					

Photo 1 of 1 : SP_2023_RD0551_175_38_20230515_00110.jpg



View of the tree limbs and branches on the LS slope (Spring 2023).

*** 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 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	4.46	Rating **	M	Issue No.	14
LM End	4.46	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.282388°	38.282388°
				-121.548547°	-121.548547°
DWR ID	22019				

Comment Code

Inspector Comment

DS_ID:22019
FS_ID:60578
EP_NO: 11142
Repair Type: Non-Urgent
EVAL Issue: 10, Unauthorized Modification or Non-Compliant Permit
Crossing Status: Found
UCIP Comments: 06/03/2020 Record updated from No Action Needed to Non-Urgent. No permit has been identified authorizing original pipe. Unable to locate a permit for sleeving 6-inch pipe through 10-inch pipe. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP)
FIELD_STRUCT_DESC: 6-inch irrigation pipe sleeved through the 10-inch irrigation pipe of an unknown material through the levee, 6.5 feet below the crown. Pump and butterfly valve on a concrete pad on the waterside (WS) slope. Air vent on pipe at landside toe. Electrical panel, and meter on a service pole at landside toe. 1-inch galvanized steel electrical conduit at the same location. (10-inch pipe [HLM 4.49] authorized under Automatic Board Order (ABO) issued as Permit No. 11142, 1975 - Tadashi Kimiye & Saburo Hirose). [Additional Reference(s): DWR Levee Log, 2005 (HLM 4.49). USACE Sacramento O&M Manual, Unit 111, May 1959, Revised 29 December 2016, (RM 30.31), listed as 10-inch pipe. USACE As-Built Drawing No. 06-13-1100, Sheet 14, near 'L' 1530+00, January 1933].
FS Date: 6/3/2020 1:28:59 PM

LM Start	4.46	Rating **	M	Issue No.	14 (cont)
LM End	4.46	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2023_60578_87846.jpg



Top of Levee: View of levee crown looking upstream

Photo 2 of 3 : UCIP_SP_2023_60578_87850.jpg



Land-Side: Service pole at levee toe

* 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 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	4.46	Rating **	M	Issue No.	14 (cont)
LM End	4.46	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.282388 °	38.282388 °
				-121.548547 °	-121.548547 °
DWR ID	22019				

Photo 3 of 3 : UCIP_SP_2023_60578_87844.jpg



Land-Side: Pipe end with air vent at levee toe

LM Start	4.57	Rating **	M	Issue No.	37
LM End	4.57	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.281364°	38.281364°
				-121.546954°	-121.546954°
DWR ID	DWR_RD0551_01_s_2023_37				
Comment Code					
T2 : Tree or limb.					
Inspector Comment					

Photo 1 of 1 : SP_2023_RD0551_175_37_20230515_00109.jpg



View of the fallen tree on the LS slope (Spring 2023).

* 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 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	4.59	Rating **	U	Issue No.	16
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:60620
EP_NO: 11152
Repair Type: Urgent
EVAL Issue: 1, Pipe Integrity
Crossing Status: Found
UCIP Comments: 06/03/2020 Record updated from Non-Urgent to Urgent. Pipe is in failed condition. Pipe segment on waterside levee slope is removed. Through holes in pipe visible on waterside slope. Pump and intake pipe are removed from piled structure in the stream. 8' x 9' x 2'- deep depression on landside slope in pipe alignment. Crossing appears abandoned. (O.Yakimov - DWR UCIP)
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 standpipe 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. (10-inch pipe authorized under Permit No. 636, 1935 - John E. Erickson). (10-inch pipe [HLM 4.63] authorized under Automatic Board Order (ABO) issued as Permit No. 11152, 1975 - Frank A. Willcox et.al). [Additional Reference(s): DWR Levee Log, 2005 (HLM 4.63). USACE Sacramento O&M Manual, Unit 111, May 1959, Revised 29 December 2016, (RM 30.15), listed as 10-inch pipe. Drawing Number 50-4-2983, Sheet 5. USACE As-Built Drawing No. 06-13-1100, Sheet 14, upstream of 'L' 1542+00, January 1933. USACE As-Built Drawing No. 50-04-2983, Sheet 5, downstream of STA 115+10, March 1954].
FS Date: 6/3/2020 7:38:19 AM

Photo 1 of 3 : UCIP_SP_2023_60620_87853.jpg



Water-Side: Pipe cut on levee slope

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	4.59	Rating **	U	Issue No.	16 (cont)
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				

Photo 2 of 3 : UCIP_SP_2023_60620_87854.jpg



Water-Side: Through holes in pipe on levee slope

LM Start	4.59	Rating **	U	Issue No.	16 (cont)
LM End	4.59	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2023_60620_87857.jpg



Land-Side: Pipe daylights on levee slope. Slope depression found at this location measures 8' x 9' x 2' deep

LM Start	4.72	Rating **	M	Issue No.	98
LM End	4.72	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.279817°	38.279817°
				-121.544929°	-121.544929°
DWR ID	DWR_RD0551_01_s_2022_98				
Comment Code					
T2 : Tree or limb.					
Inspector Comment					

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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	4.78	Rating **	C	Issue No.	87
LM End	4.78	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.279156°	38.279156°
				-121.544118°	-121.544118°
DWR ID	DWR_RD0551_01_f_2022_87				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

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_2023_RD0551_175_25_20230206_00008.jpg



View of the landscaping on the LS slope (Fall 2022).

* 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 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	4.97	Rating **	U	Issue No.	18	
LM End	4.97	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.277080°	38.277080°	
				-121.541790°	-121.541790°	
DWR ID	22043					
Comment Code						
Inspector Comment						
DS_ID:22043 FS_ID:60623 EP_NO: 16800 Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 07/21/2022 Record updated from No Action Needed to Urgent. Pipe failed near the landside concrete standpipe. Pipe discovered to have significant wear, pitting, and holes. Enforcement Case No. 2022-15616 issued for this crossing. (O.Yakimov - DWR UCIP) 06/03/2020 Record remains No Action Needed. No issues observed during inspection. (O.Yakimov - DWR UCIP) FIELD_STRUCT_DESC: 16-inch coated steel irrigation pipe through the levee, 4.71 feet below the crown. Pump and butterfly valve in pump house on the waterside (WS) slope. Service poles on the landside (LS) slope. 48-inch concrete riser off the LS toe. 1-inch galvanized iron filler pipe at the same location. This crossing replaces 16-inch pipe (see DSID 25622). (16-inch pipe authorized under Permit No. 16773, 1997 - Joe Green Ranch). [Additional Reference(s) of original crossing: DWR Levee Log, 2005 (HLM 5.01). USACE Sacramento O&M Manual, Unit 111, May 1959, Revised 29 December 2016, (RM 29.79), listed as 16-inch pipe. USACE As-Built Drawing No. 06-13-1100, Sheet 14, 'L' 1560+12, January 1933]. FS Date: 6/3/2020 11:27:14 AM						

Photo 1 of 3 : UCIP_SP_2023_60623_87869.jpg



Top of Levee: View of levee crown looking towards landside

LM Start	4.97	Rating **	U	Issue No.	18 (cont)
LM End	4.97	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2023_60623_87870.jpg



Water-Side: Pump house on levee 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 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	4.97	Rating **	U	Issue No.	18 (cont)
LM End	4.97	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.277080°	38.277080°	
			-121.541790°	-121.541790°	
DWR ID	22043				

Photo 3 of 3 : UCIP_SP_2023_60623_87871.jpg



Water-Side: Water supply pipe and filler pile at pumphouse on levee slope

LM Start	4.98	Rating **	U	Issue No.	19
LM End	4.98	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.277072°	38.277072°	
			-121.541779°	-121.541779°	
DWR ID	22021				

Comment Code

Inspector Comment

DS_ID:22021
FS_ID:77178
EP_NO: 16800
Repair Type: Urgent
EVAL Issue: 1, Pipe Integrity
Crossing Status: Found
UCIP Comments: 08/15/2022 Record updated from No Action Needed to Urgent. Enforcement case 2022-15620 was open for this crossing. Pipe is leaking near landside concrete standpipe and may be damaged by tree roots. (O.Yakimov - DWR UCIP)
06/03/2020 Record remains No Action Needed. No issues observed during inspection. (O.Yakimov - DWR UCIP)
FIELD_STRUCT_DESC: 16-inch coated steel irrigation pipe through the levee, 4.67 feet below the crown. Pump and slide gate in pump house on the waterside (WS) slope. Service poles on the landside (LS) slope. 1-inch galvanized iron filler pipe at the same location. This crossing replaces 16-inch pipe (see DSID 25621). (16-inch pipe authorized under Permit No. 16800, 1997 - William Schultz). [Additional Reference(s) of original crossing: DWR Levee Log, 2005 (HLM 5.01), listed as 14-inch pipe. USACE Sacramento O&M Manual, Unit 111, May 1959, Revised 29 December 2016, (RM 29.79), listed as 16-inch pipe. USACE As-Built Drawing No. 06-13-1100, Sheet 14, 'L' 1560+12, January 1933].
FS Date: 6/3/2020

Photo 1 of 3 : UCIP_SP_2023_77178_87875.jpg



Top of Levee: View of levee crown looking towards landside

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

Levee Inspection Report By Mile - Spring 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	4.98	Rating **	U	Issue No.	19 (cont)
LM End	4.98	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.277072°	38.277072°
				-121.541779°	-121.541779°
DWR ID	22021				

Photo 2 of 3 : UCIP_SP_2023_77178_87878.jpg



Land-Side: View of levee slope looking from crown

LM Start	4.98	Rating **	U	Issue No.	19 (cont)
LM End	4.98	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2023_77178_87879.jpg



Land-Side: View of pipe at levee toe

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_2023_RD0551_175_44_20230206_00011.jpg



View of the landscaping on the LS slope (Fall 2022).

* 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 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	5.01	Rating **	M	Issue No.	22	
LM End	5.01	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.276708 ^o	38.276708 ^o	
				-121.541349 ^o	-121.541349 ^o	
DWR ID	25122					
Comment Code						
Inspector Comment						
DS_ID:25122 FS_ID:56199 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 10, Unauthorized Modification or Non-Compliant Permit Crossing Status: Found UCIP Comments: 06/03/2020 Record is Non-Urgent. Five conduits are visible under bridge to boat launching two of which are open ended. Recommend capping conduits under bridge to prevent water backflow. (O.Yakimov - DWR UCIP) FIELD_STRUCT_DESC: 6-inch wrapped and soil proofed galvanized iron conduit through the levee 2-feet below the crown. Electric, water, and other utility pipes sleeved through conduit with welded steel caps and annular space grouted. (6-inch steel utility chase authorized under Permit No. 18769, 2013 - Michael & Jill Steinbacher). FS Date: 6/3/2020						

Photo 1 of 3 : UCIP_SP_2023_56199_87884.jpg



Water-Side: View of levee slope looking from crown

LM Start	5.01	Rating **	M	Issue No.	22 (cont)
LM End	5.01	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2023_56199_87885.jpg



Water-Side: Conduits under walkway

* 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 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	5.01	Rating **	M	Issue No.	22 (cont)
LM End	5.01	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.276708°	38.276708°
				-121.541349°	-121.541349°
DWR ID	25122				

Photo 3 of 3 : UCIP_SP_2023_56199_87886.jpg



Water-Side: Another view of conduits under walkway

LM Start	5.02	Rating **	C	Issue No.	89
LM End	5.02	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.276577°	38.276577°
				-121.541148°	-121.541148°
DWR ID	DWR_RD0551_01_f_2020_89				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	5.08	Rating **	U	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_2023_RD0551_175_49_20230206_00015.jpg



View of the landscaping on the LS slope (Fall 2022).

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	5.20	Rating **	C	Issue No.	34
LM End	5.28	Issue Type +	Ob	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.274592°	38.273800°
				-121.538958°	-121.537869°
DWR ID	LMA-169				
Comment Code					
Inspector Comment					
The erosion repair has been completed.					

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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	5.26	Rating **	U	Issue No.	26
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:60630 EP_NO: 11131 Repair Type: Urgent EVAL Issue: 2a, Levee Integrity Crossing Status: Found UCIP Comments: 06/09/2020 Record updated from Non-Urgent to Urgent. 7-foot diameter 1-foot deep unauthorized excavation found at landside levee toe next to the concrete standpipe. Excavation is apparently made to expose and fix leaking pipe. Abandoned closure device and concrete standpipe at landside toe. 2.5-inch PVC connected to pipe end at landside toe. Pipe is running - no leaks detected. CMP riser on landside slope missing cover - fall hazard. No permit has been identified authorizing pipe. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP) 01/15/2014 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 steel exterior coated irrigation pipe 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. 36-inch concrete standpipe, shut off device, and power pole with panel box on the LS toe. 1.5-inch galvanized steel electrical conduit at the same location. (10-inch pipe [HLM 5.3] authorized under Automatic Board Order (ABO) issued as Permit No. 11131, 1975 - Helen Crofton Sloane Latimer). [Additional Reference(s): DWR Levee Log, 2005 (HLM 5.30). USACE Sacramento O&M Manual, Unit 111, May 1959, Revised 29 December 2016, (RM 29.52), listed as 9-inch pipe. USACE As-Built Drawing No. 06-13-1100, Sheet 14, 'L' 1571+85, January 1933, listed as 9-inch pipe]. FS Date: 6/9/2020 10:52:00 AM					

Photo 1 of 3 : UCIP_SP_2023_60630_87896.jpg



Water-Side: Pump, slide gate valve, and intake pipe on levee 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 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	5.26	Rating **	U	Issue No.	26 (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 2 of 3 : UCIP_SP_2023_60630_87901.jpg



Land-Side: Uncovered 24-inch CMP riser on levee slope

LM Start	5.26	Rating **	U	Issue No.	26 (cont)
LM End	5.26	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2023_60630_87904.jpg



Land-Side: 7-foot diameter and 1-foot deep excavation at levee toe

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_2023_RD0551_175_58_20230206_00023.jpg



View of the landscaping on the LS slope (Fall 2022).

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	5.56	Rating **	M	Issue No.	86
LM End	5.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.271176°	38.271176°
				-121.534051°	-121.534051°
DWR ID	DWR_RD0551_01_f_2022_86				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
There is slope instability on the upper LS slope.					

Photo 1 of 1 : SP_2023_RD0551_175_86_20230206_00032.jpg



View of the slope instability on the LS slope (Fall 2022).

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_2023_RD0551_175_24_20230206_00007.jpg



View of the landscaping on the LS slope (Fall 2022).

* 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 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	5.72	Rating **	M	Issue No.	27
LM End	5.72	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.269542°	38.269542°
				-121.531832°	-121.531832°
DWR ID	22025				
Comment Code					
Inspector Comment					
DS_ID:22025 FS_ID:60636 EP_NO: 11134 Repair Type: Non-Urgent EVAL Issue: 4b, Safety Issue Crossing Status: Found UCIP Comments: 06/09/2020 Record updated from No Action Needed to Non-Urgent. CMP riser on landside slope needs a cover - fall hazard. Pipe is running - minor leak through siphon breaker on the top of standpipe and landside toe. No permit has been identified authorizing pipe. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP) FIELD_STRUCT_DESC: 8-inch irrigation pipe of an unknown material through the levee, 8 feet below the crown. Water pump, gate valve, pressure tank, filler pump on a concrete pad on the waterside (WS) slope. Siphon breaker in a 24-inch CMP riser on the landside (LS) slope. Service pole with electrical panel and meter at landside levee toe. 14-inch steel standpipe with siphon breaker on top at landside toe. 2-inch galvanized steel electrical conduit through the levee at this location. (8-inch pipe [HLM 5.77] authorized under Automatic Board Order (ABO) issued as Permit No. 11134, 1975 - John & Voine B. Molino, et al). [Additional Reference(s): DWR Levee Log, 2005 (HLM 5.77). USACE Sacramento O&M Manual, Unit 111, May 1959, Revised 29 December 2016, (RM 29.03), listed as 6-inch pipe. USACE As-Built Drawing No. 06-13-1100, Sheet 14, upstream of 'L' 1600+60, January 1933, listed as 6-inch pipe]. FS Date: 6/9/2020 2:22:02 PM					

Photo 1 of 3 : UCIP_SP_2023_60636_87919.jpg



Water-Side: Concrete pad on levee slope with pumps, valve, pressure tank

* 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 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	5.72	Rating **	M	Issue No.	27 (cont)
LM End	5.72	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.269542°	38.269542°
				-121.531832°	-121.531832°
DWR ID	22025				

Photo 2 of 3 : UCIP_SP_2023_60636_87920.jpg



Land-Side: View of levee slope looking from crown

LM Start	5.72	Rating **	M	Issue No.	27 (cont)
LM End	5.72	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2023_60636_87922.jpg



Land-Side: Service pole with electrical panels at the toe

LM Start	5.73	Rating **	M	Issue No.	36
LM End	5.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.269491°	38.269491°
				-121.531732°	-121.531732°
DWR ID	DWR_RD0551_01_s_2023_36				
Comment Code					
T2 : Tree or limb.					
Inspector Comment					

Photo 1 of 1 : SP_2023_RD0551_175_36_20230515_00108.jpg



View of the fallen tree on the LS slope (Spring 2023).

* 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 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	5.85	Rating **	C	Issue No.	85
LM End	5.85	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.268295 °	38.268295 °
				-121.530021 °	-121.530021 °
DWR ID	DWR_RD0551_01_f _ 2022_85				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					

No Photos

LM Start	5.88	Rating **	M	Issue No.	28
LM End	5.88	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.268033 °	38.268033 °
				-121.529660 °	-121.529660 °
DWR ID	22026				
Comment Code					
Inspector Comment					
DS_ID:22026 FS_ID:60641 EP_NO: 11123 Repair Type: Non-Urgent EVAL Issue: 10, Unauthorized Modification or Non-Compliant Permit Crossing Status: Found UCIP Comments: 06/09/2020 Record updated from No Action Needed to Non-Urgent. Unable to find a permit authorizing to sleeve 10-inch through 12-inch pipe. (O.Yakimov - DWR UCIP) FIELD_STRUCT_DESC: 10-inch steel irrigation pipe sleeved through the 12-inch steel pipe through the levee, 3.8 feet below the crown. Pump and butterfly valve in pump house on the waterside (WS) slope. 48-inch concrete standpipe on the landside (LS) toe, and a 1.5-inch galvanized iron electrical conduit at the same location with a service pole on the LS slope. (12-inch pipe authorized under Permit No. 1656, 1952 - Alexander Johnson). (10-inch pipe [HLM 5.93] authorized under Automatic Board Order (ABO) issued as Permit No. 11123, 1975 - Anthony & Leonilia Castanho). [Additional Reference(s): DWR Levee Log, 2005 (HLM 5.87), listed as 10-inch pipe. USACE Sacramento O&M Manual, Unit 111, May 1959, Revised 29 December 2016, (RM 28.87), listed as 10-inch pipe]. FS Date: 6/9/2020 3:52:11 PM					

Photo 1 of 3 : UCIP_SP_2023_60641_88028.jpg



Water-Side: View of levee slope looking from crown. Pumphouse on levee 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 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	5.88	Rating **	M	Issue No.	28 (cont)
LM End	5.88	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.268033 °	38.268033 °	
			-121.529660 °	-121.529660 °	
DWR ID	22026				

Photo 2 of 3 : UCIP_SP_2023_60641_88029.jpg



Water-Side: Sleeving point on levee slope

LM Start	5.88	Rating **	M	Issue No.	28 (cont)
LM End	5.88	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2023_60641_88032.jpg



Land-Side: View of levee slope looking from crown

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 were placed on the landside shoulder inhibiting parking and access down the levee.					

Photo 1 of 1 : SP_2023_RD0551_175_59_20230206_00024.jpg



View of the concrete blocks on the LS shoulder (Fall 2022).

* 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 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	5.91	Rating **	U	Issue No.	91
LM End	5.91	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.267738°	38.267738°
				-121.529175°	-121.529175°
DWR ID	DWR_RD0551_01_f_2021_91				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2023_RD0551_175_91_20230206_00037.jpg



View of landscaping on the landside slope (Fall 2021).

LM Start	6.07	Rating **	U	Issue No.	2
LM End	6.07	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.265890°	38.265890°
				-121.527360°	-121.527360°
DWR ID	DWR_RD0551_01_s_2020_2				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Two foot vertical erosion into the midslope of the waterside prism.					

Photo 1 of 2 : SP_2023_RD0551_175_2_20230206_00001.jpg



View of the erosion on the WS slope (Fall 2022).

LM Start	6.07	Rating **	U	Issue No.	2 (cont)
LM End	6.07	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2023_RD0551_175_2_20230206_00002.jpg



View from the channel of erosion into the waterside prism (Summer 2020).

* 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 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	6.16	Rating **	M	Issue No.	29	
LM End	6.16	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.265182°	38.265182°	
				-121.526136°	-121.526136°	
DWR ID	22027					
Comment Code						
Inspector Comment						
DS_ID:22027 FS_ID:60650 EP_NO: 11122 Repair Type: Non-Urgent EVAL Issue: 10, Unauthorized Modification or Non-Compliant Permit Crossing Status: Indicator Found UCIP Comments: 06/09/2020 Record updated from No Action Needed to Non-Urgent. Pump is moved downstream to a separate piled steel pad and connected to existing 10-inch pipe through the levee. Concrete distribution box at landside toe seems abandoned. Fine media filtration system installed on landside and connected to this crossing. Unable to find permit for system modifications. Pipe is running - minor water leak through pump sealing on waterside slope. (O.Yakimov - DWR UCIP) FIELD_STRUCT_DESC: 10-inch steel exterior coated irrigation pipe through the levee, 8 feet below the crown. Abandoned pile structure on waterside slope and in stream. Pump and butterfly valve on steel piled pad on waterside slope downstream of abandoned structure. Service pole with electrical panel and meter, media filters off landside toe. Abandoned 4-foot by 6-foot concrete distribution box at landside levee toe. This crossing replaces 8-inch pipe (see DSID 21998). (10-inch pipe authorized under Permit No. 4303, 1963 - Robert M. Carmany). (10-inch pipe [HLM 6.21] authorized under Automatic Board Order (ABO) issued as Permit No. 11122, 1975 - Robert M. And Francis Carmany). [Additional Reference(s): DWR Levee Log, 2005 (HLM 6.21)]. FS Date: 6/9/2020 8:33:40 AM						

LM Start	6.16	Rating **	M	Issue No.	29 (cont)
LM End	6.16	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2023_60650_87927.jpg



Top of Levee: View of levee crown looking towards waterside

Photo 2 of 3 : UCIP_SP_2023_60650_87923.jpg



Water-Side: Abandoned pile structure on levee slope and in channel

* 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**

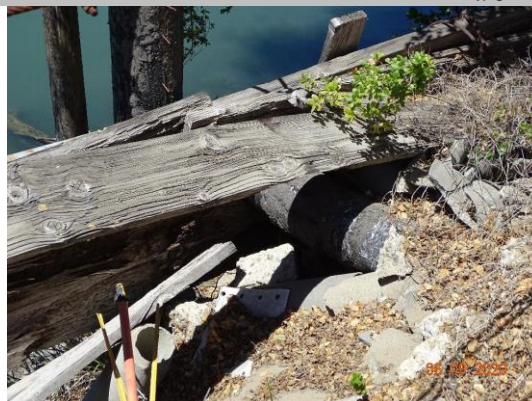
Levee Inspection Report By Mile - Spring 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	6.16	Rating **	M	Issue No.	29 (cont)
LM End	6.16	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.265182°	38.265182°
				-121.526136°	-121.526136°
DWR ID	22027				

Photo 3 of 3 : UCIP_SP_2023_60650_87930.jpg



Water-Side: 10-inch pipe at abandoned structure on levee slope

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_2023_RD0551_175_51_20230206_00016.jpg



View of the landscaping on the LS shoulder and slope (Fall 2022).

* 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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Reclamation District No. 0551 Pearson

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	6.30	Rating **	M	Issue No.	30 (cont)
LM End	6.30	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.263669 °	38.263669 °	
			-121.524231 °	-121.524231 °	
DWR ID	22028				

Photo 3 of 3 : UCIP_SP_2023_60690_87965.jpg



Land-Side: 6-inch steel pipe continued with a PVC pipe at the concrete box

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_2023_RD0551_175_20_20230206_00005.jpg



View of the cactus and other landscaping on the LS slope (Fall 2022).

* 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 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	6.48	Rating **	M	Issue No.	31
LM End	6.48	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.261958°	38.261958°
				-121.521885°	-121.521885°
DWR ID	22029				
Comment Code					
Inspector Comment					
DS_ID:22029 FS_ID:60696 EP_NO: 3354 Repair Type: Non-Urgent EVAL Issue: 10, Unauthorized Modification or Non-Compliant Permit Crossing Status: Found UCIP Comments: 06/02/2020 Record updated from No Action Needed to Non-Urgent. 12-inch pipe sleeved through 14-inch pipe through the levee. Unable to find a permit for modification. Pipe is running - leaks not detected. (O.Yakimov - DWR UCIP) FIELD_STRUCT_DESC: 12-inch steel irrigation pipe sleeved through 14-inch coated steel pipe through the levee, 3.5 feet below the crown. Slant pump on a concrete slab on the waterside (WS) slope. Siphon breaker in a 24-inch corrugated metal pipe (CMP) riser on the landside (LS) shoulder. Slide gate in a 48-inch concrete riser on the LS toe. 1.5-inch electrical conduit at the same location. This crossing replaces 12-inch pipe (see DSID 22000). (14-inch pipe authorized under Permit No. 3354, 1960 - F.I. Christie). [Additional Reference(s): DWR Levee Log, 2005 (HLM 6.53), listed as 14-inch pipe. USACE As-Built Drawing No. 06-13-1100, Sheet 14, 'L' 1640+00, January 1933, , listed as 14-inch pipe]. FS Date: 6/2/2020 2:31:53 PM					
LM Start	6.48	Rating **	M	Issue No.	31 (cont)
LM End	6.48	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2023_60696_87977.jpg



Water-Side: 12-inch pipe through 14-inch pipe enter headwall

Photo 2 of 3 : UCIP_SP_2023_60696_87979.jpg



Land-Side: Sleeved pipe is visible on levee shoulder

* 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 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	6.48	Rating **	M	Issue No.	31 (cont)
LM End	6.48	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.261958°	38.261958°
				-121.521885°	-121.521885°
DWR ID	22029				

Photo 3 of 3 : UCIP_SP_2023_60696_87980.jpg



Land-Side: Concrete standpipe height raised with a metal sheet

* 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 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	6.68	Rating **	M	Issue No.	32	
LM End	6.68	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.259871°	38.259871°	
				-121.519181°	-121.519181°	
DWR ID	22030					
Comment Code						
Inspector Comment						
DS_ID:22030 FS_ID:60701 EP_NO: 11126 Repair Type: Non-Urgent EVAL Issue: 10, Unauthorized Modification or Non-Compliant Permit Crossing Status: Found UCIP Comments: 06/02/2020 Record updated from No Action Needed to Non-Urgent. Field measured 8-inch pipe sleeved through 12-inch pipe. Appears that annular space between pipes has been grouted through a plugged hole at landside shoulder. Concrete standpipe and distribution box at landside toe look abandoned. Water is designed to go around concrete box to either underground pipe of screen filter. Unable to find a permit for modifications. Pipe is running - no leaks detected. No permit has been identified authorizing pipe through the levee. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP) FIELD_STRUCT_DESC: 8-inch irrigation pipe sleeved through the 12-inch steel pipe through the levee, 3 feet below crown. Water pump, filler pump and pressure tank on a concrete pad on the waterside (WS) slope. Butterfly valves at pump and at the landside (LS) toe. Abandoned concrete standpipe and concrete distribution box at landside toe. Screen filter at landside levee toe, service pole a 1.5-inch galvanized electrical conduit at the same location. (12-inch pipe [HLM 6.74] authorized under Automatic Board Order (ABO) issued as Permit No. 11126, 1975 - Alma K. Fletcher). [Additional Reference(s): DWR Levee Log, 2005 (HLM 6.74), listed as 12-inch pipe. USACE Sacramento O&M Manual, Unit 111, May 1959, Revised 29 December 2016, (RM 28.06), listed as 6-inch pipe. USACE As-Built Drawing No. 06-13-1100, Sheet 14, upstream of 'L' 1652+65, January 1933, listed as 6-inch pipe]. FS Date: 6/2/2020 3:17:35 PM						

Photo 1 of 3 : UCIP_SP_2023_60701_87997.jpg



Land-Side: Pipe sleeved through 12-inch pipe visible on levee shoulder.
Grout filler plug on top of pipe

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2023

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	04/27/2023 04/27/2023	Saskia Donovan

LM Start	6.68	Rating **	M	Issue No.	32 (cont)
LM End	6.68	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.259871 °	38.259871 °	
			-121.519181 °	-121.519181 °	
DWR ID	22030				

Photo 2 of 3 : UCIP_SP_2023_60701_87987.jpg



Water-Side: View of levee slope looking from crown

LM Start	6.68	Rating **	M	Issue No.	32 (cont)
LM End	6.68	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2023_60701_87994.jpg



Water-Side: View of water pump, filler pump and pressure tank on concrete pad on levee 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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