

Flood Control Project Maintenance Levee Inspections

Fall 2020 Levee Maintenance Deficiency Summary Report

Sacramento River Basin

RD0556	Overall LMA Rating	Total LMA Miles						
Reclamation District No. 0556 Upper Andrus	U	11.20						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.53	5.47	22.41	200.08%	0.04	0.86		
Trim / Thin Trees	0.10	0.86	3.54	31.61%				
Encroachments	0.03	0.04	0.19	1.70%	0.25	0.08		
Animal Control		0.23	0.92	8.21%				
Slope Stability	0.32	0.03	0.44	3.93%				
Erosion / Bank Caving	0.03		0.03	0.27%				
Emergency Supplies & Equipment	0.11		0.11	0.98%				
Flood Preparedness & Training	0.11		0.11	0.98%				
<i>Supplemental</i>								
2017 USACE Erosion Survey	1.85		1.85	16.52%				
DWR UCIP Field Study					0.47	0.03		
<i>LMA Totals:</i>	3.08	6.63	29.60	264.27%	0.76	0.97	0.00	0.00
Unit No. 01 Georgiana Slough RB	Overall Unit Rating	Total Unit Miles						
RD0556	U	5.48						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.19	4.08	16.51	301.14%	0.02	0.39		
Trim / Thin Trees		0.77	3.08	56.18%				
Encroachments					0.01	0.08		
Animal Control		0.15	0.60	10.94%				
Slope Stability	0.32	0.02	0.40	7.30%				
Erosion / Bank Caving	0.02		0.02	0.37%				
<i>Supplemental</i>								
2017 USACE Erosion Survey	1.19		1.19	21.71%				
DWR UCIP Field Study					0.36	0.02		
<i>Unit Totals:</i>	1.72	5.02	21.80	397.64%	0.39	0.49	0.00	0.00
Unit No. 02 Sacramento River LB	Overall Unit Rating	Total Unit Miles						
RD0556	U	5.72						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.34	1.39	5.90	103.18%	0.02	0.47		
Trim / Thin Trees	0.10	0.09	0.46	8.04%				
Encroachments	0.03	0.04	0.19	3.32%	0.24			
Animal Control		0.08	0.32	5.60%				
Slope Stability		0.01	0.04	0.70%				
Erosion / Bank Caving	0.01		0.01	0.18%				
<i>Supplemental</i>								
2017 USACE Erosion Survey	0.66		0.66	11.54%				
DWR UCIP Field Study					0.11	0.01		
<i>Unit Totals:</i>	1.14	1.61	7.58	132.56%	0.37	0.48	0.00	0.00

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

Reclamation District No. 0556 Upper Andrus

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

** 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. 0556 Upper Andrus

Waterway			Bank	Unit Miles
Unit No. 01 Georgiana Slough			Right	5.48
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	4/2/2020 - 4/2/2020		9/15/2020 - 9/15/2020	
DWR Inspector	David Julian		David Julian	
Accompanied By	Alan Silva Reclamation District 556		Alan Silva Reclamation District 556	

Summer & Winter Inspections

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

DWR must be informed on the:

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

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

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

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start		Rating **	M	Issue No.	3
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD0556_01_f_2014_3				
Comment Code					
Inspector Comment					
The members in the district have not been flood fight trained recently according to the district manager.					

No Photos

LM Start		Rating **	A	Issue No.	6
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD0556_01_s_2012_6				
Comment Code					
Inspector Comment					
Sent electronic copy of O+M manual to LMA.					

No Photos

LM Start		Rating **	M	Issue No.	8
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD0556_01_f_2019_8				
Comment Code					
Inspector Comment					
According to the district manager, when they need supplies they will order them, there are no supplies stored.					

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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	0.00	Rating **	U	Issue No.	21
LM End	0.57	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.239100 °	38.232070 °
				-121.518250 °	-121.522067 °
DWR ID	DWR_RD0556_01_s_2017_21				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : FA_2020_RD0556_18_21_20200910_00005.jpg



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

LM Start	0.01	Rating **	M	Issue No.	70
LM End	0.01	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.238980 °	38.238980 °
				-121.518153 °	-121.518153 °
DWR ID	20832				
Comment Code					
Inspector Comment					
DS_ID:20832 FS_ID:61316 EP_NO: 6601 Repair Type: Non-Urgent EVAL Issue: Pipe Not Found Crossing Status: Indicator Found UCIP Comments: 06/16/2020 Record updated from No Action Needed to Non-Urgent. Crossing not found. Overhead telephone line across the levee at this location. (O.Yakimov - DWR UCIP) 05/01/2013 Telephone conduit through levee berm and Georgiana Slough. It does not go through levee section. (P.Amatya - DWR UCIP) FIELD_STRUCT_DESC: Unknown diameter and material telephone conduit across Georgiana Slough and through its levees, 3.5 feet below the crown. (Plans to place an armored submarine cable across Georgiana Slough and through its levees authorized under Permit 6601, 1969 - General Telephone Company of California). [Additional Reference(s): DWR Levee Log]. FS Date: 6/16/2020 1:06:36 PM					

Photo 1 of 3 : UCIP_FA_2020_61316_88594.jpg



Top of Levee: View of levee crown looking from waterside

* 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	0.01	Rating **	M	Issue No.	70 (cont)
LM End	0.01	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.238980 °	38.238980 °
				-121.518153 °	-121.518153 °
DWR ID	20832				

Photo 2 of 3 : UCIP_FA_2020_61316_88595.jpg



Land-Side: Telephone line pole at landside toe

LM Start	0.01	Rating **	M	Issue No.	70 (cont)
LM End	0.01	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2020_61316_88592.jpg



Water-Side: Telephone line pole on waterside berm. Overhead telephone line crossing the levee

LM Start	0.39	Rating **	M	Issue No.	36
LM End	0.58	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.234038 °	38.231879 °
				-121.519817 °	-121.522003 °
DWR ID	DWR_RD0556_01_f _ 2018_36				
Comment Code					
Inspector Comment					
2017 Site ID: GEO 11.8 R					
Status: Eroding New					
2017 Field Notes: Tree popout popouts eminent , significant toe erosion and whole bank failure in sections.					

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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	0.44	Rating **	M	Issue No.	71
LM End	0.44	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.233537 °	38.233537 °
				-121.520483 °	-121.520483 °
DWR ID	20820				

Comment Code

Inspector Comment

DS_ID:20820
FS_ID:61317
EP_NO: 3448
Repair Type: Non-Urgent
EVAL Issue: Safety Issue
Crossing Status: Indicator Found
UCIP Comments: 06/16/2020 Record remains Non-Urgent. No inspection records were available to determine status of line through the levee. Due to overgrown vegetation on waterside unable to inspect levee slope. Gas line marker not found. (O.Yakimov - DWR UCIP)
Dense vegetation inhibited visibility of gas line marker on WS. Need to contact owner to determine status of crossing.
FIELD_STRUCT_DESC: 4.5-inch steel natural gas pipeline through the levee, 4 feet below the crown. Location marker on the waterside (WS) shoulder. Cut in pavement visible at the crossing. Gas line marker on the landside (LS) and on the opposite bank at Reclamation District No. 263 (RD0263). Pipe not located in February 1991. (Plans for construction of a 4.5-inch gas line across Georgiana Slough from Andrus Island to Tyler Island authorized under Permit No. 3448, 1960 - Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Log].
FS Date: 6/16/2020 1:25:51 PM

LM Start	0.44	Rating **	M	Issue No.	71 (cont)
LM End	0.44	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2020_61317_88596.jpg



Top of Levee: View of levee crown looking upstream

Photo 2 of 3 : UCIP_FA_2020_61317_88597.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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	0.44	Rating **	M	Issue No.	71 (cont)
LM End	0.44	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.233537 °	38.233537 °	
			-121.520483 °	-121.520483 °	
DWR ID	20820				

Photo 3 of 3 : UCIP_FA_2020_61317_88598.jpg



Land-Side: Overview of landside at the crossing

LM Start	0.53	Rating **	M	Issue No.	72
LM End	0.53	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.232466 °	38.232466 °	
			-121.521609 °	-121.521609 °	
DWR ID	21454				

Comment Code

Inspector Comment

DS_ID:21454
 FS_ID:61333
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue: Pipe Not Found
 Crossing Status: Not Found
 UCIP Comments: 06/16/2020 Record is Non-Urgent. Crossing not found. No permit has been identified authorizing pipe. Pipe shown in as-built drawing 50-04-2671 revision 1 from 06 February 1951. Unable to locate this crossing in as-built drawing 50-04-2671 revision 2 from 29 December 1952. (O.Yakimov - DWR UCIP)
 FIELD_STRUCT_DESC: 10-inch steel irrigation discharge pipe through the levee, at an unknown depth. Pump on the waterside (WS). 5-foot by 7-foot concrete distribution box on the landside (LS). Irrigation ditch on the LS.
 FS Date: 6/16/2020 1:45:44 PM

Photo 1 of 3 : UCIP_FA_2020_61333_88640.jpg



Top of Levee: View of levee crown looking from waterside

*** 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	0.53	Rating **	M	Issue No.	72 (cont)
LM End	0.53	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.232466 °	38.232466 °	
			-121.521609 °	-121.521609 °	
DWR ID	21454				

Photo 2 of 3 : UCIP_FA_2020_61333_88641.jpg



Water-Side: View of levee slope looking from crown

LM Start	0.53	Rating **	M	Issue No.	72 (cont)
LM End	0.53	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2020_61333_88642.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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	0.53	Rating **	M	Issue No.	73
LM End	0.53	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.232450 °	38.232450 °
				-121.521624 °	-121.521624 °
DWR ID	20821				
Comment Code					
Inspector Comment					
DS_ID:20821 FS_ID:61336 EP_NO: 5548 Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 06/16/2020 Record remains Non-Urgent. Unable to inspect waterside slope due to overgrown vegetation. Unable to find pump on waterside, instead, a gas pump and screen filters installed on landside. Unable to find a permit for modification. (O.Yakimov - DWR UCIP) 05/13/2015 Dense vegetation prevents inspection of WS slope. (K.Fazel - DWR UCIP) FIELD_STRUCT_DESC: 12-inch steel irrigation discharge pipe through the levee, 5 feet below the crown. 1.25-inch electrical conduit through the levee at the same location. Pump and screen filters on the landside. Concrete steps on the landside (LS) slope. Cuts in pavement visible at the crossing. Siphon breaker on waterside shoulder. (Plans to install a pump with a 12-inch discharge pipe and one electrical conduit through the levee authorized under Permit No. 5548, 1966 - George K. Adams). [Additional Reference(s): DWR Levee Log]. FS Date: 6/16/2020 1:47:59 PM					
LM Start	0.53	Rating **	M	Issue No.	73 (cont)
LM End	0.53	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2020_61336_88649.jpg



Top of Levee: View of levee crown looking downstream

Photo 2 of 3 : UCIP_FA_2020_61336_88650.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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Levee Inspection Report By Mile - Fall 2020

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

Photo 3 of 3 : UCIP_FA_2020_61336_88651.jpg



Water-Side: Air vent pipe on levee shoulder

Photo 1 of 3 : UCIP_FA_2020_61344_88653.jpg



Top of Levee: View of levee crown looking downstream

* 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	0.54	Rating **	M	Issue No.	74 (cont)
LM End	0.54	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.232354 °	38.232354 °	
			-121.521727 °	-121.521727 °	
DWR ID	20826				

Photo 2 of 3 : UCIP_FA_2020_61344_88654.jpg



Water-Side: View of levee slope looking from crown

LM Start	0.54	Rating **	M	Issue No.	74 (cont)
LM End	0.54	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2020_61344_88657.jpg



Water-Side: Abandoned pipe on levee slope

LM Start	0.77	Rating **	M	Issue No.	64
LM End	0.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.229770 °	38.229282 °
				-121.524437 °	-121.525098 °
DWR ID	DWR_RD0556_01_f_2020_64				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	0.82	Rating **	U	Issue No.	65
LM End	0.85	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.229278 °	38.229013 °
				-121.525103 °	-121.525562 °
DWR ID	DWR_RD0556_01_f _ 2020_65				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

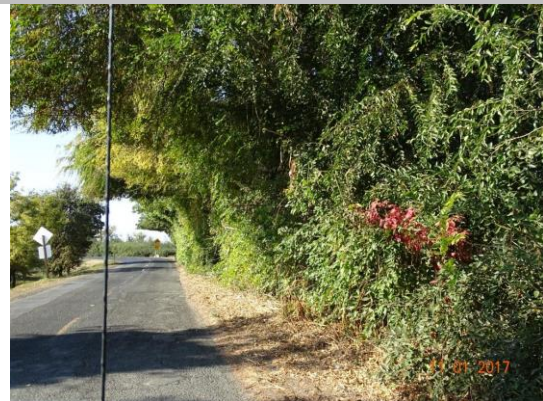
Photo 1 of 1 : FA_2020_RD0556_18_65_20200915_00090.jpg



View looking downstream at vegetation on the landside slope (Fall 2020).

LM Start	0.87	Rating **	U	Issue No.	24
LM End	0.90	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.228820 °	38.228629 °
				-121.525853 °	-121.526165 °
DWR ID	DWR_RD0556_01_f_2017_24				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA_2020_RD0556_18_24_20200910_00009.jpg



Trim/thin landscaping to allow inspection and access to levee slope and 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	0.98	Rating **	U	Issue No.	66
LM End	1.57	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.227653 °	38.225012 °
				-121.527032 °	-121.535035 °
DWR ID	DWR_RD0556_01_f_2020_66				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : FA_2020_RD0556_18_66_20200915_00091.jpg



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

LM Start	1.17	Rating **	M	Issue No.	75	
LM End	1.17	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.227534 °	38.227534 °	
				-121.529396 °	-121.529396 °	
DWR ID	25106					
Comment Code						
Inspector Comment						
DS_ID:25106 FS_ID:61348 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment Crossing Status: Found UCIP Comments: 06/16/2020 Record remains Non-Urgent. No permit has been found authorizing this pipe through the levee. Erosion site mentioned in previous inspection comment is not detected. Pipe is running- no leaks detected. (O.Yakimov - DWR UCIP) 05/27/2015 Possible erosion above pipe on LS needs attention. (K.Fazel - DWR UCIP) FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through the levee, at an unknown depth. Pump, butterfly valve, siphon breaker, and screen filter on landside. Power pole with distribution panel on the LS. This crossing was field discovered. FS Date: 6/16/2020 2:39:20 PM						

Photo 1 of 3 : UCIP_FA_2020_61348_88660.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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	1.17	Rating **	M	Issue No.	75 (cont)
LM End	1.17	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.227534 °	38.227534 °	
			-121.529396 °	-121.529396 °	
DWR ID	25106				

Photo 2 of 3 : UCIP_FA_2020_61348_88659.jpg



Water-Side: View of levee slope looking from crown

LM Start	1.17	Rating **	M	Issue No.	75 (cont)
LM End	1.17	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2020_61348_88661.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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	1.17	Rating **	M	Issue No.	76
LM End	1.17	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.227568 °	38.227568 °
				-121.529489 °	-121.529489 °
DWR ID	20823				

Comment Code

Inspector Comment

DS_ID:20823
FS_ID:61377
EP_NO: 11169
Repair Type: Non-Urgent
EVAL Issue: Limited Inspection/No UCIP Evaluation
Crossing Status: Found
UCIP Comments: 06/16/2020 Record remains Non-Urgent. Due to overgrown vegetation on waterside slope and thick layer of leaves on landside slope unable to evaluate levee condition. Previous inspection notes mention pipe abandoned in place. No permit has been identified authorizing pipe. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP)
05/27/2015 Appears abandoned in place and if so should be done so properly. Dense vegetation on WS limits visibility. (K.Fazel - DWR UCIP)
FIELD_STRUCT_DESC: 10-inch steel irrigation discharge pipe through the levee, 3.8 feet below the crown. Located at the lower end of the rock revetment. (Plans to replace an existing 10-inch suction pipe with a 10-inch slant propeller pump on the levee authorized under Permit No. 4848, 1965 - Kay Dix Ranch Company. Retention of a 10-inch pipe through the levee, 3.8 feet below the crown, authorized under Automatic Board Order (ABO) issued as Permit No. 11169, 1975 - Darrell T. and B. M. Mealer). Abandoned in place. [Additional Reference(s): DWR Levee Log. USACE Sacramento O&M Manual 103, June 1954, (Station ""R"" 548+59.8), invert elevation 16.8 feet].
FS Date: 6/16/2020 3:12:06 PM

LM Start	1.17	Rating **	M	Issue No.	76 (cont)
LM End	1.17	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2020_61377_88664.jpg



Top of Levee: View of levee crown looking downstream

Photo 2 of 3 : UCIP_FA_2020_61377_88666.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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	1.17	Rating **	M	Issue No.	76 (cont)
LM End	1.17	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.227568 °	38.227568 °	
			-121.529489 °	-121.529489 °	
DWR ID	20823				

Photo 3 of 3 : UCIP_FA_2020_61377_88667.jpg



Water-Side: Overview of levee slope looking downstream

LM Start	1.20	Rating **	M	Issue No.	20
LM End	1.53	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.227615 °	38.225374 °
				-121.529894 °	-121.534406 °
DWR ID	DWR_RD0556_01_f _ 2018_20				
Comment Code					
Inspector Comment					
2017 Site ID: GEO 10.9 R					
Status: Eroding New					
2017 Field Notes: Significant toe erosion and whole bank failure in sections, large pockets from tree popouts.					

No Photos

LM Start	1.31	Rating **	U	Issue No.	45
LM End	1.33	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.227775 °	38.227651 °
				-121.531810 °	-121.532159 °
DWR ID	DWR_RD0556_01_s_2018_45				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Remove cactus and trim trees.					

Photo 1 of 1 : FA_2020_RD0556_18_45_20200910_00028.jpg



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

*** Location**

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

**** Rating**

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

+ Issue Type

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	1.33	Rating **	M	Issue No.	77
LM End	1.33	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.227622 °	38.227622 °	
			-121.532154 °	-121.532154 °	
DWR ID	20825				

Comment Code

Inspector Comment

DS_ID:20825
FS_ID:61398
EP_NO: 13302
Repair Type: Non-Urgent
EVAL Issue: Levee Damage or Threat for Levee Damage
Crossing Status: Found
UCIP Comments: 06/16/2020 Record remains Non-Urgent. Concrete standpipe on landside has been replaced with a pressure tank. Unable to find a permit for modification. Depression around air release vent on landside shoulder about 2 feet in diameter and 1/2-foot deep. (O.Yakimov - DWR UCIP)
05/27/2015 Seal beneath siphon breaker off LS toe leaking. Rodent activity near crown off LS shoulder. Need to contact owner about leaky seal. Dense vegetation prevented inspection of WS slope. (K.Fazel - DWR UCIP)
FIELD_STRUCT_DESC: 6-inch steel irrigation discharge pipe and 2-inch galvanized iron electrical conduit through the levee, 2 feet below the crown. Siphon valve on the landside (LS) shoulder. Pump, gate valve, and pressure tank at the LS toe. Service pole and electrical box at the LS toe. 6-inch polyvinyl chloride (PVC) standpipe adjacent to the pipe off the LS toe. (Plans to install a 6-inch irrigation pipe and electrical conduit through the levee authorized under Permit No. 13302, 1981 - Kaydix Ranch). [Additional Reference(s): DWR Levee Log. USACE Sacramento O&M Manual 103, June 1954, (Station "R" 540+85), invert elevation 16.3 feet].
FS Date: 6/16/2020 4:21:56 PM

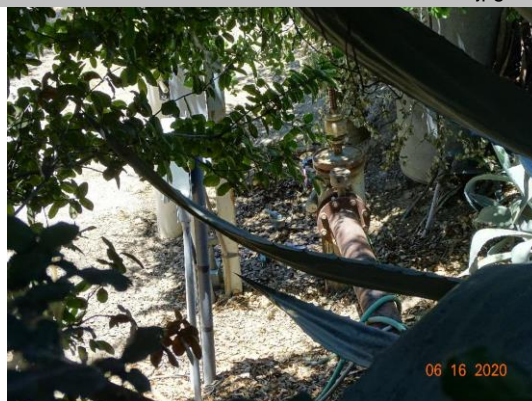
LM Start	1.33	Rating **	M	Issue No.	77 (cont)
LM End	1.33	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2020_61398_88672.jpg



Top of Levee: View of levee crown looking downstream

Photo 2 of 3 : UCIP_FA_2020_61398_88668.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 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	1.33	Rating **	M	Issue No.	77 (cont)
LM End	1.33	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.227622 °	38.227622 °
				-121.532154 °	-121.532154 °
DWR ID	20825				

Photo 3 of 3 : UCIP_FA_2020_61398_88669.jpg



Land-Side: Pump at levee toe

LM Start	1.34	Rating **	U	Issue No.	27
LM End	1.37	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.227521 °	38.227320 °
				-121.532393 °	-121.532710 °
DWR ID	DWR_RD0556_01_s_2013_27				
Comment Code					
DE : Debris					
Inspector Comment					
Remove the pile of asphalt and concrete from the toe of levee.					

Photo 1 of 1 : FA_2020_RD0556_18_27_20200910_00012.jpg



View of concrete rubble at landside toe.

LM Start	1.43	Rating **	M	Issue No.	40
LM End	1.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.226537 °	38.226537 °
				-121.533512 °	-121.533512 °
DWR ID	DWR_RD0556_01_f_2012_40				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Erosion is covered by vegetation.					

Photo 1 of 1 : FA_2020_RD0556_18_40_20200910_00024.jpg



View of erosion that is covered by vegetation on the landside slope (October 2018).

*** Location**

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

**** Rating**

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

+ Issue Type

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	1.50	Rating **	M	Issue No.	22
LM End	1.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.225840 °	38.225840 °
				-121.534157 °	-121.534157 °
DWR ID	DWR_RD0556_01_s_2012_22				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Dip at the top of the landside slope is greater than 3".					

Photo 1 of 1 : FA_2020_RD0556_18_22_20200910_00006.jpg



View of dip at the top of the landside slope (October 2018).

LM Start	1.55	Rating **	U	Issue No.	46
LM End	1.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.225268 °	38.224587 °
				-121.534733 °	-121.536129 °
DWR ID	DWR_RD0556_01_s_2018_46				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : FA_2020_RD0556_18_46_20200915_00092.jpg



View looking upstream at thick trees on the landside slope (Fall 2020).

LM Start	1.55	Rating **	A/W	Issue No.	9
LM End	1.57	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.225191 °	38.224976 °
				-121.534799 °	-121.535043 °
DWR ID	DWR_RD0556_01_s_2012_9				
Comment Code					
TR : Tree or limb					
Inspector Comment					
These cut up tree sections remain on the waterward slope to prevent parking in the area.					

Photo 1 of 1 : FA_2020_RD0556_18_9_20200910_00001.jpg



Cut tree sections on the waterside levee shoulder remain to prevent parking.

*** 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	1.57	Rating **	M	Issue No.	78
LM End	1.57	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.225001 °	38.225001 °
				-121.535007 °	-121.535007 °
DWR ID	20827				

Comment Code

Inspector Comment

DS_ID:20827
FS_ID:61399
EP_NO: 11169
Repair Type: Non-Urgent
EVAL Issue: Unauthorized Modification or Non-Compliant Permit
Crossing Status: Found
UCIP Comments: 06/17/2020 Record remains Non-Urgent. Modifications to the crossing have been made after last UCIP inspection. Unable to find a permit for modifications. Enforcement case ENF 9545 open for this crossing. No permit has been identified authorizing original pipe. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP)
03/27/2015 Dense vegetation on LS and WS limited accessibility. (K.Fazel - DWR - UCIP)
FIELD_STRUCT_DESC: 6-inch steel irrigation discharge pipe through the levee, 3.5 feet below the crown. Pump, butterfly valve, filler pump and pipe on the waterside (WS) berm. 2-inch electrical conduit through the levee. Service pole with electric meter and panel on waterside shoulder. (Retention of a 10-inch pipe through the levee, 3.5 feet below the crown, and a pump and a gate valve on the WS berm authorized under Automatic Board Order (ABO) issued as Permit No. 11169, 1975 - Darrell T. and B. M. Mealer). [Additional Reference(s): DWR Levee Log, 10-inch pipe referenced. USACE Sacramento O&M Manual 103, June 1954, (Station ""R"" 528+02.1), 10-inch pipe referenced, invert elevation 16.6 feet].
FS Date: 6/17/2020 9:36:26 AM

LM Start	1.57	Rating **	M	Issue No.	78 (cont)
LM End	1.57	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2020_61399_88676.jpg



Top of Levee: View of levee crown looking downstream

Photo 2 of 3 : UCIP_FA_2020_61399_88677.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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	1.57	Rating **	M	Issue No.	78 (cont)
LM End	1.57	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.225001 °	38.225001 °
				-121.535007 °	-121.535007 °
DWR ID	20827				

Photo 3 of 3 : UCIP_FA_2020_61399_88675.jpg



Land-Side: Pipe and junction pole at levee toe

LM Start	1.65	Rating **	U	Issue No.	17
LM End	1.70	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.224623 °	38.224408 °
				-121.536320 °	-121.537180 °
DWR ID	DWR_RD0556_01_s_2012_17				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Oleanders blocking view down waterside slope					

Photo 1 of 1 : FA_2020_RD0556_18_17_20200910_00003.jpg



View looking upstream at thick oleanders on the waterside slope (Fall 2019).

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	1.66	Rating **	U	Issue No.	51
LM End	1.69	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.224487 °	38.224355 °
				-121.536492 °	-121.537055 °
DWR ID	DWR_RD0556_01_f_2019_51				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA_2020_RD0556_18_51_20200910_00032.jpg



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

LM Start	1.71	Rating **	U	Issue No.	19
LM End	1.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.224301 °	38.223783 °
				-121.537367 °	-121.540572 °
DWR ID	DWR_RD0556_01_s_2020_19				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : FA_2020_RD0556_18_19_20200910_00004.jpg



View looking downstream at thick wild vegetation on the landside slope (Spring 2020).

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	1.71	Rating **	C	Issue No.	59
LM End	2.66	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.224301 °	38.215607 °
				-121.537370 °	-121.541578 °
DWR ID	DWR_RD0556_01_f_2019_59				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	1.79	Rating **	M	Issue No.	79	
LM End	1.79	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.223999 °	38.223999 °	
				-121.538735 °	-121.538735 °	
DWR ID	20828					
Comment Code						
Inspector Comment						
DS_ID:20828 FS_ID:61400 EP_NO: 3735 Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Indicator Found UCIP Comments: 06/17/2020 Record remains Non-Urgent. Overgrown vegetation on waterside limits levee slope inspection. (O.Yakimov - DWR UCIP) 05/27/2015 Dense vegetation on LS and WS limited accessibility. (K.Fazel - DWR - UCIP) FIELD_STRUCT_DESC: 4-inch electrical conduit of an unknown material under Georgiana Slough and through its levees, 4 feet below the crown. Pump on the waterside (WS) berm. Power pole on the landside (LS) in alignment with the cuts in the pavement. (Plans for installation of a 12-kilovolt submarine cable under Georgiana Slough and through its levees authorized under Permit No. 3735, 1961 - Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Log]. FS Date: 6/17/2020 11:39:33 AM						

Photo 1 of 3 : UCIP_FA_2020_61400_88681.jpg



Top of Levee: View of levee slope looking towards waterside. Cut visible in road pavement

* 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	1.79	Rating **	M	Issue No.	79 (cont)
LM End	1.79	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.223999 °	38.223999 °	
			-121.538735 °	-121.538735 °	
DWR ID	20828				

Photo 2 of 3 : UCIP_FA_2020_61400_88682.jpg



Water-Side: Overview of vegetation on waterside

LM Start	1.79	Rating **	M	Issue No.	79 (cont)
LM End	1.79	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2020_61400_88683.jpg



Land-Side: Overview of landside 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	1.79	Rating **	M	Issue No.	80	
LM End	1.79	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.223976 °	38.223976 °	
				-121.538842 °	-121.538842 °	
DWR ID	21510					
Comment Code						
Inspector Comment						
DS_ID:21510 FS_ID:61314 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Pipe Not Found Crossing Status: Not Found UCIP Comments: 06/17/2020 Record is Non-Urgent. Crossing not found. No permit has been identified authorizing pipe. Pipe shown in as-built drawing 50-04-2671 revision 1 from 06 February 1951. Unable to locate this crossing in as-built drawing 50-04-2671 revision 2 from 29 December 1952. (O.Yakimov - DWR UCIP) FIELD_STRUCT_DESC: 8-inch steel irrigation pipe, pump on waterside of the levee, a 36-inch concrete distribution chamber on landside, a 12-inch riser with flood valve at Station R 516+00. O&M Manual Sac 103, June 1954 FS Date: 6/17/2020						

Photo 1 of 3 : UCIP_FA_2020_61314_88741.jpg



Top of Levee: View of levee crown at potential crossing

LM Start	1.79	Rating **	M	Issue No.	80 (cont)
LM End	1.79	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2020_61314_88739.jpg



Land-Side: Overview of landside 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	1.79	Rating **	M	Issue No.	80 (cont)
LM End	1.79	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.223976 °	38.223976 °
				-121.538842 °	-121.538842 °
DWR ID	21510				

Photo 3 of 3 : UCIP_FA_2020_61314_88740.jpg



Water-Side: Overview of waterside 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	1.89	Rating **	M	Issue No.	81
LM End	1.89	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.223760 °	38.223760 °
				-121.540629 °	-121.540629 °
DWR ID	20829				
Comment Code					
Inspector Comment					
DS_ID:20829 FS_ID:61414 EP_NO: 11178 Repair Type: Non-Urgent EVAL Issue: Levee Damage or Threat for Levee Damage Crossing Status: Found UCIP Comments: 06/17/2020 Record remains Non-Urgent. Depression on landside levee slope less than 1/2-foot-deep in pipe alignment. Vegetation on both levee slopes. Limited visibility through vegetation restrains complete evaluation of slope condition. Electric meter is energized. No permit has been identified authorizing pipe. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP) 05/27/2015 Dense vegetation on WS and LS. Some oil leakage inside pumphouse. (K. Fazel - DWR UCIP) FIELD_STRUCT_DESC: 8-inch steel irrigation discharge pipe through the levee, 3.7 feet below the crown. 2-inch electrical conduit through the levee, next to the 8-inch discharge pipe. 1-inch air valve and pump on the waterside (WS) berm. Service pole on the landside (LS) slope. Tin and wood pump house on the WS berm. 12-foot by 3-foot concrete standpipe on the LS. (Retention of an 8-inch pipe through the levee, 3.7 feet below the crown, a pump on the WS berm, and a service pole on the LS slope authorized under Automatic Board Order (ABO) issued as Permit No. 11178, 1975 - Allena D. Swett). [Additional Reference(s): DWR Levee Log. USACE Sacramento O&M Manual 103, June 1954, (Station ""R"" 511+00), invert elevation 16.4 feet]. FS Date: 6/17/2020 10:33:05 AM					

Photo 1 of 3 : UCIP_FA_2020_61414_88746.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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	1.89	Rating **	M	Issue No.	81 (cont)
LM End	1.89	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.223760 °	38.223760 °	
			-121.540629 °	-121.540629 °	
DWR ID	20829				

Photo 2 of 3 : UCIP_FA_2020_61414_88747.jpg



Land-Side: View of levee slope looking from crown. Service pole on shoulder, concrete standpipe at levee toe

LM Start	1.89	Rating **	M	Issue No.	81 (cont)
LM End	1.89	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2020_61414_88748.jpg



Land-Side: Electric meter and panel

LM Start	1.91	Rating **	U	Issue No.	47
LM End	1.93	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.223736 °	38.223673 °
				-121.541036 °	-121.541453 °
DWR ID	DWR_RD0556_01_s_2018_47				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Dense vegetation prevents inspection and access.					

Photo 1 of 1 : FA_2020_RD0556_18_47_20200910_00029.jpg



Landscaping should be thinned.

* 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	1.94	Rating **	U	Issue No.	49
LM End	2.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.223690 °	38.220648 °
				-121.541635 °	-121.544297 °
DWR ID	DWR_RD0556_01_f _ 2020_49				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : FA_2020_RD0556_18_49_20200915_00093.jpg



View looking downstream at vegetation on the landside slope (Fall 2020).

LM Start	2.05	Rating **	U	Issue No.	61
LM End	2.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.223487 °	38.223340 °
				-121.543482 °	-121.543917 °
DWR ID	DWR_RD0556_01_f _ 2020_61				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 2 : FA_2020_RD0556_18_61_20200915_00094.jpg



View of large animal hole on the landside hinge (Fall 2020).

LM Start	2.05	Rating **	U	Issue No.	61 (cont)
LM End	2.07	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA_2020_RD0556_18_61_20200915_00095.jpg



View of multiple squirrel holes in the landside slope (Fall 2020).

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	2.06	Rating **	U	Issue No.	67
LM End	2.06	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.223373 °	38.223373 °
				-121.543763 °	-121.543763 °
DWR ID	DWR_RD0556_01_f_2020_67				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Hole at least two feet deep. Directly next to animal holes on the landside slope.					

Photo 1 of 1 : FA_2020_RD0556_18_67_20200915_00096.jpg



View of animal hole at least two feet deep in the crown of the levee (Fall 2020).

LM Start	2.09	Rating **	M	Issue No.	62
LM End	2.11	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.223105 °	38.222855 °
				-121.544139 °	-121.544358 °
DWR ID	DWR_RD0556_01_s_2020_62				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

*** 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	2.09	Rating **	U	Issue No.	25
LM End	2.11	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.223087 °	38.222850 °
				-121.544140 °	-121.544330 °
DWR ID	DWR_RD0556_01_f_2017_25				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : FA_2020_RD0556_18_25_20200910_00010.jpg

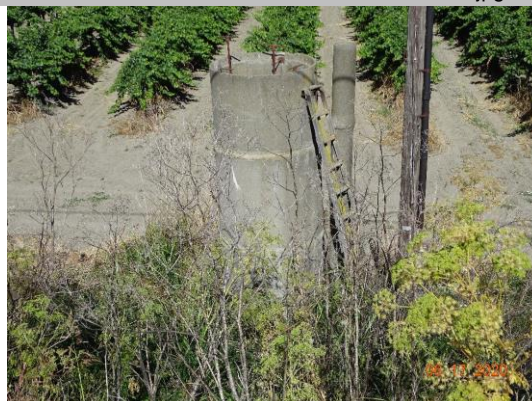


Unpermitted fence covered in berry vines along landside levee toe should be moved back 10 feet to allow access.

LM Start	2.13	Rating **	M	Issue No.	82
LM End	2.13	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.222560 °	38.222560 °
				-121.544485 °	-121.544485 °
DWR ID	20830				
Comment Code					
Inspector Comment					

DS_ID:20830
FS_ID:61459
EP_NO: 2392
Repair Type: Non-Urgent
EVAL Issue: Limited Inspection/No UCIP Evaluation
Crossing Status: Found
UCIP Comments: 06/17/2020 Record remains Non-Urgent. Unable to evaluate levee slopes condition due to overgrown vegetation. (O.Yakimov - DWR UCIP)
05/27/2015 Hole and exposed depression adjacent to pipe at LS. Dense vegetation on WS and LS limited visibility. (K.Fazel - DWR UCIP)
FIELD_STRUCT_DESC: 12-inch steel irrigation discharge pipe through the levee, 3 feet below the crown. Slant pump on the waterside (WS) bank. 1-inch electrical conduit through the levee, beside the 12-inch pipe, visible on the WS. Service pole and two standpipes at the landside (LS) toe. One of the two standpipes is 6 inches. (Plans for the installation of a pumping plant and a steel pipe through the levee authorized under Permit No. 2392, 1956 - Loyal D. Mealer). [Additional Reference(s): DWR Levee Log].
FS Date: 6/17/2020 4:09:36 PM

Photo 1 of 3 : UCIP_FA_2020_61459_88910.jpg



Land-Side: Junction pole and two concrete standpipes 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	2.13	Rating **	M	Issue No.	82 (cont)
LM End	2.13	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.222560 °	38.222560 °	
			-121.544485 °	-121.544485 °	
DWR ID	20830				

Photo 2 of 3 : UCIP_FA_2020_61459_88907.jpg



Top of Levee: View of levee crown looking downstream

LM Start	2.13	Rating **	M	Issue No.	82 (cont)
LM End	2.13	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2020_61459_88908.jpg



Water-Side: View of levee slope looking from crown

LM Start	2.32	Rating **	U	Issue No.	53
LM End	2.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.219813 °	38.219813 °
				-121.544032 °	-121.544032 °
DWR ID	DWR_RD0556_01_f_2019_53				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : FA_2020_RD0556_18_53_20200910_00034.jpg



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

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

Levee Inspection Report By Mile - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	2.38	Rating **	U	Issue No.	31
LM End	2.47	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.219037 °	38.217781 °
				-121.543847 °	-121.543817 °
DWR ID	DWR_RD0556_01_s_2017_31				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA_2020_RD0556_18_31_20200910_00016.jpg



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

* 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	2.44	Rating **	M	Issue No.	83	
LM End	2.44	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.218242 °	38.218242 °	
				-121.543807 °	-121.543807 °	
DWR ID	20831					
Comment Code						
Inspector Comment						
DS_ID:20831 FS_ID:61499 EP_NO: 11169 Repair Type: Non-Urgent EVAL Issue: Levee Damage or Threat for Levee Damage Crossing Status: Found UCIP Comments: 06/17/2020 Record remains Non-Urgent. 2-foot diameter sinkhole is still present on landside shoulder around air vent, size of hole is not growing over time. Electrical conduit is open on waterside slope with wires cut and not insulated. No permit has been identified authorizing pipe. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP) 07/12/2018 Hole near air vent on LS slope is still present but haven't increased in size. Pipe was running at the time of site visit, no leaks detected. Downgraded to "Non-Urgent" due to absence of levee threat. (O.Yakimov - DWR UCIP) 05/27/2015 2'x 2' hole on levee off LS shoulder. FIELD_STRUCT_DESC: 8-inch steel irrigation discharge pipe through the levee, 3.7 feet below the crown. 1-inch air valve. Pump and switch panel on the waterside (WS) berm. Service pole on the landside (LS). 9-foot by 3-foot concrete standpipe on the LS. 3 cables encased in a 1.5-inch steel conduit through the levee and on the WS, alongside the 8-inch pipe, disconnected on the WS. (Retention of an 8-inch pipe through the levee, 3.7 feet below the crown, a pump and a switch panel on the WS berm, and a service pole on the LS authorized under Automatic Board Order (ABO) issued as Permit No. 11169, 1975 - Darrell T. and B. M. Mealer). [Additional Reference(s): DWR Levee Log. USACE Sacramento O&M Manual 103, June 1954, (Station ""R"" 482+49.3), invert elevation 16 feet]. FS Date: 6/17/2020 10:55:51 AM						

Photo 1 of 3 : UCIP_FA_2020_61499_89027.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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	2.44	Rating **	M	Issue No.	83 (cont)
LM End	2.44	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.218242 °	38.218242 °	
			-121.543807 °	-121.543807 °	
DWR ID	20831				

Photo 2 of 3 : UCIP_FA_2020_61499_89030.jpg



Land-Side: View of levee slope looking from crown

LM Start	2.44	Rating **	M	Issue No.	83 (cont)
LM End	2.44	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2020_61499_89029.jpg



Land-Side: Overview of levee shoulder

LM Start	2.51	Rating **	U	Issue No.	54
LM End	2.54	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.217229 °	38.216830 °
				-121.543577 °	-121.543233 °
DWR ID	DWR_RD0556_01_f_2019_54				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA_2020_RD0556_18_54_20200910_00035.jpg



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

* 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	2.55	Rating **	M	Issue No.	26
LM End	2.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.216610 °	38.215382 °
				-121.543132 °	-121.541247 °
DWR ID	DWR_RD0556_01_f _ 2020_26				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	2.63	Rating **	U	Issue No.	68
LM End	2.63	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.215850 °	38.215850 °
				-121.542045 °	-121.542045 °
DWR ID	DWR_RD0556_01_f _ 2020_68				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : FA_2020_RD0556_18_68_20200915_00089.jpg



View of thick tree on the landside slope (Fall 2020).

LM Start	2.69	Rating **	M	Issue No.	32
LM End	2.69	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.215375 °	38.215375 °
				-121.541258 °	-121.541258 °
DWR ID	DWR_RD0556_01_s_2020_32				
Comment Code					
FW : Firewood					
Inspector Comment					
Several large chunks of wood should be removed from landside toe.					

Photo 1 of 1 : FA_2020_RD0556_18_32_20200910_00017.jpg



View of large tree trunk sections on the landside hinge (Spring 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	2.69	Rating **	U	Issue No.	69
LM End	2.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.215382 °	38.215382 °
				-121.541247 °	-121.541247 °
DWR ID	DWR_RD0556_01_f _ 2020_69				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : FA_2020_RD0556_18_69_20200915_00097.jpg



View of thick tree on the landside slope (Fall 2020).

LM Start	2.71	Rating **	M	Issue No.	84
LM End	2.71	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.215234 °	38.215234 °
				-121.540972 °	-121.540972 °
DWR ID	20848				
Comment Code					
Inspector Comment					
DS_ID:20848 FS_ID:61501 EP_NO: 11167 Repair Type: Non-Urgent EVAL Issue: Unauthorized Modification or Non-Compliant Permit Crossing Status: Found UCIP Comments: 06/17/2020 Record remains Non-Urgent. Unable to find a permit for sleeving 3-inch pipe through 8-inch pipe. No permit has been identified authorizing original pipe through the levee. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP) 06/05/2015 Pipe appears out of use; if so, coordinate with owner to abandon properly per Title 23. (K.Fazel - DWR UCIP) FIELD_STRUCT_DESC: 3-inch steel irrigation discharge pipe sleeved through the 8-inch steel pipe, 3 feet below the crown. Annular space appears to be grouted. 3-inch pipe connected to the pump on the waterside (WS). 0.75-inch primer pipe. Gate valve on the WS berm. Polyvinyl chloride (PVC) standpipe off the landside (LS) toe, previously a 6-foot by 3-foot concrete standpipe. (8-inch pipe [HLM 2.70] authorized under Automatic Board Order (ABO) issued as Permit No. 11167, 1975 - Russel G. Graham). [Additional Reference(s): DWR Levee Log. USACE Sacramento O&M Manual 103, June 1954, (Station ""R"" 468+52.7), invert elevation 15.9 feet]. FS Date: 6/17/2020 11:55:47 AM					

Photo 1 of 3 : UCIP_FA_2020_61501_89042.jpg



Top of Levee: View of levee crown looking from waterside

* 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	2.71	Rating **	M	Issue No.	84 (cont)	
LM End	2.71	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.215234 °	38.215234 °	
				-121.540972 °	-121.540972 °	
DWR ID	20848					

Photo 2 of 3 : UCIP_FA_2020_61501_89043.jpg



Land-Side: PVC standpipe off levee toe

LM Start	2.71	Rating **	M	Issue No.	84 (cont)
LM End	2.71	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2020_61501_89044.jpg



Land-Side: Water tank support structure on landside

* 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	2.71	Rating **	M	Issue No.	85
LM End	2.71	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.215223 °	38.215223 °
				-121.540953 °	-121.540953 °
DWR ID	20833				

Comment Code

Inspector Comment

DS_ID:20833
 FS_ID:61500
 EP_NO: 11167
 Repair Type: Non-Urgent
 EVAL Issue: Unauthorized Modification or Non-Compliant Permit
 Crossing Status: Found
 UCIP Comments: 06/17/2020 Record is Non-Urgent. Unable to find a permit for sleeving 10-inch pipe through 12-inch pipe. Unauthorized encroachment recorded in Levee Log prior to 2011. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP)
 FIELD_STRUCT_DESC: 10-inch steel irrigation pipe sleeved through 12-inch steel pipe through levee, 4.0 feet below crown. Slant pump and gate valve on bank. 2-inch conduit through the levee 2 feet below crown. Service pole at landward toe. (12-inch pipe [HLM 2.70] authorized under Automatic Board Order (ABO) issued as Permit No. 11167, 1975 - Russel G. Graham).
 FS Date: 6/17/2020

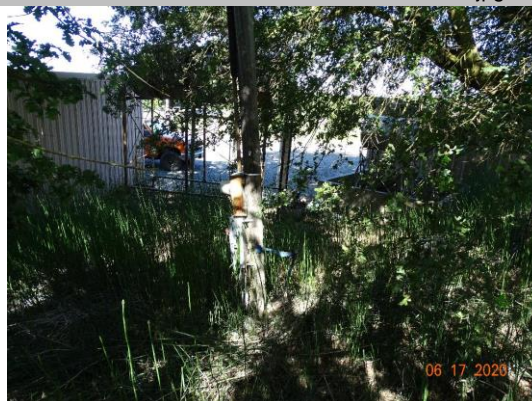
LM Start	2.71	Rating **	M	Issue No.	85 (cont)
LM End	2.71	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2020_61500_89041.jpg



Top of Levee: View of levee crown looking upstream

Photo 2 of 3 : UCIP_FA_2020_61500_89035.jpg



Land-Side: View of levee slope looking from crown

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	2.71	Rating **	M	Issue No.	85 (cont)
LM End	2.71	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.215223 °	38.215223 °	
			-121.540953 °	-121.540953 °	
DWR ID	20833				

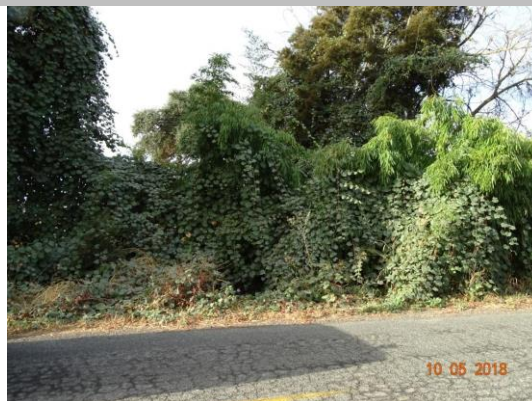
Photo 3 of 3 : UCIP_FA_2020_61500_89036.jpg



Land-Side: Conduits enter the ground at service pole

LM Start	2.72	Rating **	U	Issue No.	48
LM End	2.72	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.215085 °	38.215085 °
				-121.540724 °	-121.540724 °
DWR ID	DWR_RD0556_01_f_2018_48				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Remove wild grapes and bamboo from landside.					

Photo 1 of 1 : FA_2020_RD0556_18_48_20200910_00030.jpg



View of wild grapes and bamboo on the landside slope (Fall 2018).

LM Start	2.72	Rating **	U	Issue No.	33
LM End	2.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.215107 °	38.215107 °
				-121.540677 °	-121.540677 °
DWR ID	DWR_RD0556_01_s_2017_33				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Fallen tree on landside. Remove the fallen tree and repair the levee damage.					

Photo 1 of 1 : FA_2020_RD0556_18_33_20200910_00018.jpg



View of fallen tree damage to shoulder and 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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	2.85	Rating **	M	Issue No.	43
LM End	2.98	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.214144 °	38.212577 °
				-121.538692 °	-121.537244 °
DWR ID	DWR_RD0556_01_f_2018_43				
Comment Code					
Inspector Comment					
2017 Site ID: GEO 9.2 R					
Status: Eroding New					
2017 Field Notes: Toe erosion.					

No Photos

LM Start	2.88	Rating **	M	Issue No.	86	
LM End	2.88	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.213713 °		38.213713 °
				-121.538547 °		-121.538547 °
DWR ID	21456					
Comment Code						
Inspector Comment						
DS_ID:21456 FS_ID:61276 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Pipe Not Found Crossing Status: Not Found UCIP Comments: 06/17/2020 Record is Non-Urgent. Crossing not found. No permit has been identified authorizing pipe. (O.Yakimov - DWR UCIP) FIELD_STRUCT_DESC: Unknown diameter pipe to irrigation ditch at unknown depth below crown. 18-inch diameter and 8 ft tall standpipe on LS. Found only in As Built Drawing # 50-04-2631 approximately at Station 458+50. FS Date: 6/17/2020						

Photo 1 of 3 : UCIP_FA_2020_61276_89049.jpg



Top of Levee: View of levee crown looking towards waterside

* 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	2.88	Rating **	M	Issue No.	86 (cont)
LM End	2.88	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.213713 °	38.213713 °	
			-121.538547 °	-121.538547 °	
DWR ID	21456				

Photo 2 of 3 : UCIP_FA_2020_61276_89050.jpg



Land-Side: View of levee slope looking from crown. Irrigation ditch along runway on background

LM Start	2.88	Rating **	M	Issue No.	86 (cont)
LM End	2.88	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2020_61276_89051.jpg



Land-Side: Overview of levee slope. Aircraft hangar and runway on landside

* 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	2.96	Rating **	M	Issue No.	87	
LM End	2.96	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.212706 °		38.212706 °
				-121.537642 °		-121.537642 °
DWR ID	25110					
Comment Code						
Inspector Comment						
DS_ID:25110 FS_ID:61533 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment Crossing Status: Found UCIP Comments: 06/17/2020 Record updated from No Action Needed to Non-Urgent. No permit has been found authorizing this pipe through the levee. Unable to evaluate condition of levee slopes due to overgrown vegetation. (O.Yakimov - DWR UCIP) FIELD_STRUCT_DESC: 1-inch steel domestic water line with a spigot, 5 feet below the crown. Visible through the landside (LS) slope only. This water line was field discovered. FS Date: 6/17/2020 1:47:50 PM						

LM Start	2.96	Rating **	M	Issue No.	87 (cont)
LM End	2.96	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2020_61533_89067.jpg



Top of Levee: View of levee crown looking upstream

Photo 2 of 3 : UCIP_FA_2020_61533_89068.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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	2.96	Rating **	M	Issue No.	87 (cont)
LM End	2.96	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.212706 °	38.212706 °	
			-121.537642 °	-121.537642 °	
DWR ID	25110				

Photo 3 of 3 : UCIP_FA_2020_61533_89069.jpg



Water-Side: Abandoned pipes at riverbank

LM Start	2.97	Rating **	M	Issue No.	88
LM End	2.97	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.212639 °	38.212639 °	
			-121.537574 °	-121.537574 °	
DWR ID	20819				

Comment Code

Inspector Comment

DS_ID:20819
 FS_ID:61283
 EP_NO: 11177
 Repair Type: Non-Urgent
 EVAL Issue: Limited Inspection/No UCIP Evaluation
 Crossing Status: Indicator Found
 UCIP Comments: 06/17/2020 Record is Non-Urgent. Unable to find pipe on waterside due to overgrown vegetation. 6-inch steel pipe on the top of 36-inch concrete standpipe. No permit has been identified authorizing pipe. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP)
 FIELD_STRUCT_DESC: 10-inch irrigation pipe through levee, 3.0 feet below crown. 36-inch concrete standpipe at landside toe. Waterward end is open. (10-inch pipe [HLM 2.96] authorized under Automatic Board Order (ABO) issued as Permit No. 11177, 1975 - Vernal Silva, et al). [Additional Reference(s): DWR Levee Log, year unknown (HLM 2.96). USACE Sacramento O&M Manual, Unit 103, June 1954, Revised 29 December 2016, (Station "R" 454+82.8), listed as 10-inch pipe. FS Date: 6/17/2020

Photo 1 of 3 : UCIP_FA_2020_61283_89062.jpg



Top of Levee: View of levee crown looking from waterside

*** 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	2.97	Rating **	M	Issue No.	88 (cont)
LM End	2.97	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.212639 °	38.212639 °	
			-121.537574 °	-121.537574 °	
DWR ID	20819				

Photo 2 of 3 : UCIP_FA_2020_61283_89060.jpg



Land-Side: View of levee slope looking from crown. Concrete standpipe at levee toe

LM Start	2.97	Rating **	M	Issue No.	88 (cont)
LM End	2.97	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2020_61283_89061.jpg



Land-Side: View inside of 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	3.07	Rating **	M	Issue No.	89	
LM End	3.07	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.211333 °		38.211333 °
				-121.537198 °		-121.537198 °
DWR ID	21436					
Comment Code						
Inspector Comment						
DS_ID:21436 FS_ID:61310 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Pipe Not Found Crossing Status: Not Found UCIP Comments: 06/17/2020 Record is Non-Urgent. Crossing not found. No permit has been identified authorizing pipe. (O.Yakimov - DWR UCIP) FIELD_STRUCT_DESC: 12-inch steel pipe. 12-ft x 42-inch concrete standpipe. [Additional Reference(s):USACE Sacramento O&M Manual, Unit 103, June 1954, Revised 29 December 2016, (Station "R" 446+36), listed as 12-inch pipe. FS Date: 6/17/2020						

Photo 1 of 3 : UCIP_FA_2020_61310_89071.jpg



Top of Levee: View of levee crown looking from landside shoulder

LM Start	3.07	Rating **	M	Issue No.	89 (cont)
LM End	3.07	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2020_61310_89070.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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Reclamation District No. 0556 Upper Andrus

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	3.10	Rating **	M	Issue No.	90 (cont)
LM End	3.10	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.211176 °	38.211176 °	
			-121.537591 °	-121.537591 °	
DWR ID	20835				

Photo 2 of 3 : UCIP_FA_2020_61290_89075.jpg



Land-Side: View of levee slope looking from crown

LM Start	3.10	Rating **	M	Issue No.	90 (cont)
LM End	3.10	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2020_61290_89076.jpg



Land-Side: View inside of 60-inch concrete standpipe

LM Start	3.12	Rating **	C	Issue No.	35
LM End	3.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.211103 °	38.210970 °
				-121.537993 °	-121.538370 °
DWR ID	DWR_RD0556_01_s_2017_35				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	3.14	Rating **	U	Issue No.	28
LM End	3.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.210985 °	38.210160 °
				-121.538372 °	-121.540300 °
DWR ID	DWR_RD0556_01_f_2017_28				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA_2020_RD0556_18_28_20200910_00013.jpg



Significant rodent activity in this area must be stopped. Holes should be backfilled.

LM Start	3.18	Rating **	M	Issue No.	42
LM End	3.50	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.210674 °	38.206919 °
				-121.538854 °	-121.541559 °
DWR ID	DWR_RD0556_01_f_2018_42				
Comment Code					
Inspector Comment					
2017 Site ID: GEO 9.0 R					
Status: Eroding New					
2017 Field Notes: Toe erosion and failed revetment.					

No Photos

LM Start	3.18	Rating **	U	Issue No.	55
LM End	3.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.210745 °	38.210745 °
				-121.538967 °	-121.538967 °
DWR ID	DWR_RD0556_01_f_2019_55				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : FA_2020_RD0556_18_55_20200910_00036.jpg



View of fig tree on the landside slope (Fall 2019).

* 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	3.19	Rating **	U	Issue No.	91
LM End	3.19	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.210683 °	38.210683 °
				-121.539125 °	-121.539125 °
DWR ID	20836				

Comment Code

Inspector Comment

DS_ID:20836
FS_ID:61291
EP_NO: 11174
Repair Type: Urgent
EVAL Issue: Levee Integrity
Crossing Status: Found
UCIP Comments: 06/17/2020 Record is Urgent. 30-feet long, 3-feet wide, and 1-foot deep trench was excavated along landside levee toe. Soil is wet at the bottom of trench. Soil depression on waterside shoulder in pipe alignment. Intake pipe and pipe from pumphouse towards levee slope have been replaced. Unable to find a permit for modifications. No permit has been identified authorizing original pipe through the levee. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP)
FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through levee, 3.4 feet below crown. Pump in pump house on berm. Service pole on landward slope. Gate valve located underground and 48-inch concrete standpipe at landside toe. 1-inch electrical conduit at this location. (6-inch pipe [HLM 3.18] authorized under Automatic Board Order (ABO) issued as Permit No. 11174, 1975 - Delores M. Pollard). [Additional Reference(s): DWR Levee Log, unknown year (HLM 3.18).USACE Sacramento O&M Manual, Unit 103, June 1954, Revised 29 December 2016, (Station 441+19.6), listed as 6-inch pipe.
FS Date: 6/17/2020

LM Start	3.19	Rating **	U	Issue No.	91 (cont)
LM End	3.19	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2020_61291_89080.jpg



Top of Levee: View of levee crown looking downstream

Photo 2 of 3 : UCIP_FA_2020_61291_89081.jpg



Overview of Levee: Levee crown and pumphouse on waterside berm

* 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	3.19	Rating **	U	Issue No.	91 (cont)
LM End	3.19	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.210683 °	38.210683 °	
			-121.539125 °	-121.539125 °	
DWR ID	20836				

Photo 3 of 3 : UCIP_FA_2020_61291_89090.jpg



Water-Side: Soil depression in pipe alignment on levee shoulder

LM Start	3.22	Rating **	U	Issue No.	38
LM End	3.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.210493 °	38.209842 °
				-121.539760 °	-121.540658 °
DWR ID	DWR_RD0556_01_s_2017_38				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Remove the wild tree growth and vegetation from the landside levee slope and toe so the ground can be seen.					

Photo 1 of 1 : FA_2020_RD0556_18_38_20200910_00022.jpg



View looking downstream at thick tree growth on the landside slope (Fall 2019).

LM Start	3.31	Rating **	C	Issue No.	57
LM End	3.39	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.209547 °	38.208605 °
				-121.540842 °	-121.541422 °
DWR ID	DWR_RD0556_01_f_2019_57				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	3.37	Rating **	M	Issue No.	92	
LM End	3.37	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.208847 °		38.208847 °
				-121.541336 °		-121.541336 °
DWR ID	20838					
Comment Code						
Inspector Comment						
DS_ID:20838 FS_ID:61299 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 06/17/2020 Record is Non-Urgent. Waterside slope is covered with trees and brush - unable to access. Fence on landside shoulder prevents access to landside. Pump and pipe is visible on landside slope, pump is running. Unauthorized encroachment recorded in Levee Log prior to 2011. (O.Yakimov - DWR UCIP) FIELD_STRUCT_DESC: 2-inch pipe through levee, 3.0 feet below crown. Pump on landside berm. FS Date: 6/17/2020 8:40:57 AM						

LM Start	3.37	Rating **	M	Issue No.	92 (cont)
LM End	3.37	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2020_61299_89098.jpg



Top of Levee: View of levee crown looking downstream

Photo 2 of 3 : UCIP_FA_2020_61299_89099.jpg



Land-Side: Small pump 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	3.37	Rating **	M	Issue No.	92 (cont)
LM End	3.37	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.208847 °	38.208847 °
				-121.541336 °	-121.541336 °
DWR ID	20838				

Photo 3 of 3 : UCIP_FA_2020_61299_89100.jpg



Land-Side: Water supply pipe on levee slope

LM Start	3.38	Rating **	U	Issue No.	29
LM End	3.42	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.208755 °	38.208191 °
				-121.541395 °	-121.541578 °
DWR ID	DWR_RD0556_01_f_2017_29				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Large cactus growing on shoulder and slope should be removed to allow inspection and access.					

Photo 1 of 1 : FA_2020_RD0556_18_29_20200910_00014.jpg



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

LM Start	3.41	Rating **	U	Issue No.	56
LM End	3.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.208210 °	38.208210 °
				-121.541588 °	-121.541588 °
DWR ID	DWR_RD0556_01_f_2019_56				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Slope worn down by goats					

Photo 1 of 1 : FA_2020_RD0556_18_56_20200910_00038.jpg



View looking upstream at levee terracing on the landside slope due to goats (Fall 2019).

* 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	3.43	Rating **	M	Issue No.	23
LM End	3.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.208070 °	38.203400 °
				-121.541700 °	-121.540990 °
DWR ID	USACE_CESPK_UPA1_2011_p_0143				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
This was a 2017 Storm Damage site.					
Sloughing on the lower landside slope.					
Site ID No:67					
Site Designation:USACE_CESPK_UPA1_2011_p_0143					

Photo 1 of 1 : FA_2020_RD0556_18_23_20200910_00008.jpg



LM Start	3.43	Rating **	U	Issue No.	12
LM End	3.43	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.208033 °	38.208033 °
				-121.541627 °	-121.541627 °
DWR ID	DWR_RD0556_01_s_2020_12				
Comment Code					
MA : Material					
Inspector Comment					
Pile of dirt on landside hinge.					

Photo 1 of 1 : FA_2020_RD0556_18_12_20200910_00002.jpg



View of dirt pile on the landside hinge (Spring 2020).

LM Start	3.45	Rating **	U	Issue No.	41
LM End	3.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.207703 °	38.202615 °
				-121.541717 °	-121.540807 °
DWR ID	DWR_RD0556_01_s_2020_41				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : FA_2020_RD0556_18_41_20200915_00098.jpg



View looking downstream at vegetation on the landside slope (Fall 2020).

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	3.45	Rating **	M	Issue No.	93
LM End	3.45	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.207715 °	38.207715 °
				-121.541655 °	-121.541655 °
DWR ID	20839				

Comment Code

Inspector Comment

DS_ID:20839
FS_ID:61300
EP_NO: 10488
Repair Type: Non-Urgent
EVAL Issue: Unauthorized Encroachment, installed decades prior
Crossing Status: Found
UCIP Comments: 06/17/2020 Record is Non-Urgent. Crossing appears abandoned. Power supply wires are disconnected near slant pump and on service pole. No permit has been identified authorizing pipe. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP)

FIELD_STRUCT_DESC: 12-inch steel irrigation pipe through levee, 4.0 feet below crown. Slant pump and siphon breaker on waterside and concrete spill box on landside of the levee. Service pole on landside slope. 1.5-inch electrical conduit at same location. (App. 10488 - Dorsie) (ABO #11161 - Dorsie). O&M Manual Sac 103, June 1954
FS Date: 6/17/2020

LM Start	3.45	Rating **	M	Issue No.	93 (cont)
LM End	3.45	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2020_61300_89104.jpg



Top of Levee: View of levee crown looking downstream

Photo 2 of 3 : UCIP_FA_2020_61300_89105.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 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	3.45	Rating **	M	Issue No.	93 (cont)
LM End	3.45	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.207715 °	38.207715 °
				-121.541655 °	-121.541655 °
DWR ID	20839				

Photo 3 of 3 : UCIP_FA_2020_61300_89106.jpg



Water-Side: Abandoned slant pump on riverbank

LM Start	3.46	Rating **	U	Issue No.	58
LM End	3.46	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.207585 °	38.207585 °
				-121.541678 °	-121.541678 °
DWR ID	DWR_RD0556_01_f _ 2019_58				
Comment Code					
DE : Debris					
Inspector Comment					
Remove concrete debris piles					

Photo 1 of 1 : FA_2020_RD0556_18_58_20200910_00040.jpg



View of large concrete debris piles on the waterside shoulder. The waterside shoulder is much larger in this section. (Fall 2019).

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	3.57	Rating **	U	Issue No.	94	
LM End	3.57	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.205892 °	38.205892 °	
				-121.541679 °	-121.541679 °	
DWR ID	20840					
Comment Code						
Inspector Comment						
DS_ID:20840 FS_ID:61301 EP_NO: 11161 Repair Type: Urgent EVAL Issue: Levee Integrity Crossing Status: Found UCIP Comments: 06/17/2020 Record is Urgent. Subsidence on landside shoulder measured 2' x 3' x 1.5'-deep around air vent. Crossing appears abandoned. Fence on landside slope and overgrown vegetation on both slopes prevent from detailed inspection of levee. No permit has been identified authorizing pipe. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP) FIELD_STRUCT_DESC: 10-inch steel pipe through levee, 11.2 feet below crown. 2-inch air and vacuum valve and concrete spill box on landside of the levee. (ABO 11161 - Dorsie). O&M Manual Sac 103, June 1954 FS Date: 6/17/2020						

LM Start	3.57	Rating **	U	Issue No.	94 (cont)
LM End	3.57	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2020_61301_89118.jpg



Top of Levee: View of levee crown looking downstream

Photo 2 of 3 : UCIP_FA_2020_61301_89117.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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	3.57	Rating **	U	Issue No.	94 (cont)
LM End	3.57	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.205892 °	38.205892 °	
			-121.541679 °	-121.541679 °	
DWR ID	20840				

Photo 3 of 3 : UCIP_FA_2020_61301_89119.jpg



Land-Side: View of levee slope looking from crown

LM Start	3.89	Rating **	U	Issue No.	30
LM End	3.91	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.201823 °	38.201672 °
				-121.541687 °	-121.542133 °
DWR ID	DWR_RD0556_01_f_2017_30				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Trim/thin landscaping to allow inspection and access to levee slope and toe.					

Photo 1 of 1 : FA_2020_RD0556_18_30_20200910_00015.jpg



View of landscaping on levee slope and toe.

LM Start	3.93	Rating **	U	Issue No.	34
LM End	3.98	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.201603 °	38.201273 °
				-121.542352 °	-121.543328 °
DWR ID	DWR_RD0556_01_f_2017_34				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Remove large cactus from waterside shoulder to allow inspection and access.					

Photo 1 of 1 : FA_2020_RD0556_18_34_20200910_00019.jpg



View of large cactus on waterside 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	3.93	Rating **	U	Issue No.	39
LM End	5.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.201571 °	38.190115 °
				-121.542446 °	-121.557642 °
DWR ID	DWR_RD0556_01_f_2017_39				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove wild growth including berry vines and arundo from landside slope and toe to allow for inspection and access.					

Photo 1 of 1 : FA_2020_RD0556_18_39_20200910_00023.jpg



View of dense growth of wild vegetation, berry vines and arundo on landside slope and toe

LM Start	4.01	Rating **	U	Issue No.	63
LM End	5.43	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.201142 °	38.186712 °
				-121.543735 °	-121.561673 °
DWR ID	DWR_RD0556_01_s_2020_63				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

*** 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	4.01	Rating **	M	Issue No.	95	
LM End	4.01	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.201106 °		38.201106 °
				-121.543712 °		-121.543712 °
DWR ID	20841					
Comment Code						
Inspector Comment						
DS_ID:20841 FS_ID:61302 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment, installed decades prior Crossing Status: Found UCIP Comments: 06/17/2020 Record is Non-Urgent. No permit has been identified authorizing pipe. (O.Yakimov - DWR UCIP) FIELD_STRUCT_DESC: 8-inch pipe through levee, 3.7 feet below crown. Slant pump on waterward berm. Siphon breaker on landside shoulder, concrete spill box on landside of the levee. O&M Manual Sac 103, June 1954. FS Date: 6/17/2020						

LM Start	4.01	Rating **	M	Issue No.	95 (cont)
LM End	4.01	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2020_61302_89123.jpg



Top of Levee: View of levee crown looking downstream

Photo 2 of 3 : UCIP_FA_2020_61302_89124.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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Levee Inspection Report By Mile - Fall 2020

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	4.01	Rating **	M	Issue No.	95 (cont)
LM End	4.01	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.201106 °	38.201106 °
				-121.543712 °	-121.543712 °
DWR ID	20841				

Water-Side: Slant pump at riverbank

LM Start	4.02	Rating **	M	Issue No.	96
LM End	4.02	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.201035 °	38.201035 °
				-121.543936 °	-121.543936 °
DWR ID	21581				

Comment Code

Inspector Comment

DS_ID:21581
FS_ID:61315
EP_NO: 13030
Repair Type: Non-Urgent
EVAL Issue: Unauthorized Modification or Non-Compliant Permit
Crossing Status: Found
UCIP Comments: 06/17/2020 Record is Non-Urgent. Pipe diameter field measured as 20-inch on both slopes. On landside berm pipe diameter changes from 20 inch to 18 inch. Unable to find a permit for modification of this crossing. No permit has been identified authorizing original O&M pipe through the levee. (O.Yakimov - DWR UCIP)
FIELD_STRUCT_DESC: 18-inch steel drainage pipes through levee, 4.3 feet below crown. Pumps on landward side and 4-inch air valve.
[Additional Reference(s): DWR Levee Log, unk yr (HLM 4.01). USACE Sacramento O&M Manual, Unit 103, June 1954, Revised 29 December 2016, (Station 397+36.3), listed as 20-inch pipe].
FS Date: 6/17/2020

A gravel road is blocked by a fallen wooden pole and a wire fence. The road is covered in gravel and has some sparse vegetation. The background shows a line of trees and a clear sky. A date stamp "08/17/2025" is visible in the bottom right corner.

Top of Levee: View of levee crown looking downstream

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	4.02	Rating **	M	Issue No.	96 (cont)
LM End	4.02	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.201035 °	38.201035 °
				-121.543936 °	-121.543936 °
DWR ID	21581				

Photo 2 of 3 : UCIP_FA_2020_61315_89138.jpg



Water-Side: Pipes on waterside berm

LM Start	4.02	Rating **	M	Issue No.	96 (cont)
LM End	4.02	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2020_61315_89139.jpg



Water-Side: Pipes on waterside berm and levee slope on background

* 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	4.02	Rating **	M	Issue No.	97
LM End	4.02	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.201032 °	38.201032 °
				-121.543946 °	-121.543946 °
DWR ID	20842				

Comment Code

Inspector Comment

DS_ID:20842
FS_ID:61303
EP_NO: 13030
Repair Type: Non-Urgent
EVAL Issue: Unauthorized Modification or Non-Compliant Permit
Crossing Status: Found
UCIP Comments: 06/17/2020 Record is Non-Urgent. Pipe diameter field measured as 20-inch on both slopes. On landside berm pipe diameter changes from 20 inch to 18 inch. Debris of 20-inch pipe welded to 16-inch pipe with open end found next to this crossing on landside berm. Unable to find a permit for modification of this crossing. No permit has been identified authorizing original O&M pipe through the levee. (O.Yakimov - DWR UCIP)
FIELD_STRUCT_DESC: 16-inch steel drainage pipes through levee, 4.3 feet below crown. Pumps on landward side and 4-inch air valve.
[Additional Reference(s): DWR Levee Log, unk yr (HLM 4.01). USACE Sacramento O&M Manual, Unit 103, June 1954, Revised 29 December 2016, (Station 397+20.5), listed as 16-inch pipe].
FS Date: 6/17/2020

LM Start	4.02	Rating **	M	Issue No.	97 (cont)
LM End	4.02	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2020_61303_89144.jpg



Top of Levee: View of levee crown looking downstream

Photo 2 of 3 : UCIP_FA_2020_61303_89146.jpg



Water-Side: Pipes on waterside berm

* 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	4.02	Rating **	M	Issue No.	97 (cont)
LM End	4.02	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.201032 °	38.201032 °	
			-121.543946 °	-121.543946 °	
DWR ID	20842				

Photo 3 of 3 : UCIP_FA_2020_61303_89147.jpg



Water-Side: Pipes on waterside berm looking from riverbank

LM Start	4.02	Rating **	M	Issue No.	98
LM End	4.02	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.201026 °	38.201026 °	
			-121.543960 °	-121.543960 °	
DWR ID	20887				

Comment Code

Inspector Comment

DS_ID:20887
 FS_ID:61309
 EP_NO: 13030
 Repair Type: Non-Urgent
 EVAL Issue: Abandoned encroachment
 Crossing Status: Found
 UCIP Comments: 06/17/2020 Record is Non-Urgent. Crossing appears abandoned. Unable to find this crossing on landside. (O.Yakimov - DWR UCIP)
 FIELD_STRUCT_DESC: 20-inch steel drainage pipeline through the levee, 3.2 ft. below the levee crown; pump and siphon breaker on landside. Concrete saddle on waterside of the levee. (20-inch pipe authorized under Permit No. 13030, 1980 - Reclamation District 556).
 FS Date: 6/17/2020

Photo 1 of 3 : UCIP_FA_2020_61309_89149.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 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	4.02	Rating **	M	Issue No.	98 (cont)
LM End	4.02	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.201026 °	38.201026 °
				-121.543960 °	-121.543960 °
DWR ID	20887				

Photo 2 of 3 : UCIP_FA_2020_61309_89148.jpg



Land-Side: Pumping station at drainage channel

LM Start	4.02	Rating **	M	Issue No.	98 (cont)
LM End	4.02	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2020_61309_89150.jpg



Water-Side: Pipes on waterside berm

* 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	4.02	Rating **	M	Issue No.	99
LM End	4.02	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.201022 °	38.201022 °
				-121.543973 °	-121.543973 °
DWR ID	21437				

Comment Code

Inspector Comment

DS_ID:21437
FS_ID:61311
EP_NO: 10526
Repair Type: Non-Urgent
EVAL Issue: Unauthorized Modification or Non-Compliant Permit
Crossing Status: Found
UCIP Comments: 06/17/2020 Record is Non-Urgent. Pipe diameter field measured as 20-inch on both slopes. Unable to find a permit for modification of this crossing. (O.Yakimov - DWR UCIP)

FIELD_STRUCT_DESC: 24-inch steel drainage pipes 3.5 ft below levee crown. Pumping plant on landside. 6" air valve, concrete saddle & wood beam on waterside. This crossing replaces 24-inch pipe (see DSID 25634). (24-inch pipe authorized under Permit No. 10526, 1975 - Reclamation District 556). [Additional Reference(s): USACE Sacramento O&M Manual, Unit 103, June 1954, Revised 29 December 2016, (Station 397+36.3), listed as 24-inch pipe].
FS Date: 6/17/2020

LM Start	4.02	Rating **	M	Issue No.	99 (cont)
LM End	4.02	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2020_61311_89154.jpg



Top of Levee: View of levee crown looking downstream

Photo 2 of 3 : UCIP_FA_2020_61311_89155.jpg



Land-Side: View of pipes 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	4.36	Rating **	M	Issue No.	100 (cont)
LM End	4.36	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.197007 °	38.197007 °	
			-121.547339 °	-121.547339 °	
DWR ID	20843				

Photo 2 of 3 : UCIP_FA_2020_61304_89162.jpg



Water-Side: View of levee slope looking from crown

LM Start	4.36	Rating **	M	Issue No.	100 (cont)
LM End	4.36	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2020_61304_89164.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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	4.42	Rating **	M	Issue No.	101	
LM End	4.42	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.196231 °		38.196231 °
				-121.547833 °		-121.547833 °
DWR ID	21438					
Comment Code						
Inspector Comment						
DS_ID:21438 FS_ID:61312 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Not Found UCIP Comments: 06/22/2020 Record is Non-Urgent. Crossing not found. Overgrown vegetation and trees on both slopes. Fence at landside toe. Unable to evaluate levee condition at this place. No permit has been identified authorizing pipe. (O.Yakimov - DWR UCIP) FIELD_STRUCT_DESC: 12-inch steel pipe. 3-24" lateral headgates on landside and pump on waterside of the levee. O&M Manual Sac 103, June 1954 FS Date: 6/22/2020						

LM Start	4.42	Rating **	M	Issue No.	101 (cont)
LM End	4.42	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2020_61312_89165.jpg



Top of Levee: View of levee crown looking downstream

Photo 2 of 3 : UCIP_FA_2020_61312_89166.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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	4.42	Rating **	M	Issue No.	101 (cont)
LM End	4.42	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.196231 °	38.196231 °	
			-121.547833 °	-121.547833 °	
DWR ID	21438				

Photo 3 of 3 : UCIP_FA_2020_61312_89168.jpg



Land-Side: Overgrown vegetation and fence at levee toe

LM Start	4.47	Rating **	M	Issue No.	102
LM End	4.47	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.195712 °	38.195712 °	
			-121.548474 °	-121.548474 °	
DWR ID	20844				

Comment Code

Inspector Comment

DS_ID:20844
FS_ID:61305
EP_NO: 11172
Repair Type: Non-Urgent
EVAL Issue: Limited Inspection/No UCIP Evaluation
Crossing Status: Indicator Found
UCIP Comments: 06/22/2020 Record is Non-Urgent. Overgrown vegetation on both slopes limit inspection. Power supply is connected to service pole on landside slope, although electric meter is missing. Crossing appears abandoned. Unauthorized encroachment recorded in Levee Log prior to 2011. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP)

FIELD_STRUCT_DESC: 12-inch pipe through levee 4.0 feet below crown. Pump in pumphouse on berm. Siphon breaker on landward shoulder. Service pole on landward, slope distribution box on landward toe. (ABO 11172 - Pacific Fruit Exchange).
FS Date: 6/22/2020

Photo 1 of 3 : UCIP_FA_2020_61305_89171.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 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	4.47	Rating **	M	Issue No.	102 (cont)
LM End	4.47	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.195712 °	38.195712 °
				-121.548474 °	-121.548474 °
DWR ID	20844				

Photo 2 of 3 : UCIP_FA_2020_61305_89173.jpg



Water-Side: View of levee slope looking from crown

LM Start	4.47	Rating **	M	Issue No.	102 (cont)
LM End	4.47	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2020_61305_89169.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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	4.67	Rating **	M	Issue No.	103	
LM End	4.67	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.194043 °	38.194043 °	
				-121.551391 °	-121.551391 °	
DWR ID	20845					
Comment Code						
Inspector Comment						
DS_ID:20845 FS_ID:61306 EP_NO: 11168 Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Indicator Found UCIP Comments: 06/22/2020 Record is Non-Urgent. Overgrown vegetation on both slopes limits inspection of the crossing. Concrete standpipe located at landside levee 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: 10-inch pipe through levee 3.0 feet below crown. Siphon breaker on landward shoulder. 36-inch standpipe on landside of the levee. (ABO 11168- Langhart). O&M Manual Sac 103, June 1954 FS Date: 6/22/2020						

Photo 1 of 3 : UCIP_FA_2020_61306_89176.jpg



Top of Levee: View of levee crown looking downstream

LM Start	4.67	Rating **	M	Issue No.	103 (cont)
LM End	4.67	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2020_61306_89175.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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	4.67	Rating **	M	Issue No.	103 (cont)
LM End	4.67	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.194043 °	38.194043 °	
			-121.551391 °	-121.551391 °	
DWR ID	20845				

Photo 3 of 3 : UCIP_FA_2020_61306_89174.jpg



Land-Side: View of levee slope looking from crown

LM Start	5.10	Rating **	M	Issue No.	104
LM End	5.10	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.190110 °	38.190110 °	
			-121.557581 °	-121.557581 °	
DWR ID	20846				

Comment Code

Inspector Comment

DS_ID:20846
 FS_ID:61307
 EP_NO: 11168
 Repair Type: Non-Urgent
 EVAL Issue: Limited Inspection/No UCIP Evaluation
 Crossing Status: Indicator Found
 UCIP Comments: 06/22/2020 Record is Non-Urgent. Concrete standpipe and junction pole at landside levee toe. Dense vegetation on both slopes limits inspection of this crossing. No permit has been identified authorizing pipe. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP)
 FIELD_STRUCT_DESC: 10-inch pipe through levee, 4.0 feet below crown. Siphon Breaker on landward slope. A 9 ft x 42-inch concrete standpipe. (ABO 11168 - Langhart). O&M Manual Sac 103, June 1954
 FS Date: 6/22/2020

Photo 1 of 3 : UCIP_FA_2020_61307_89177.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 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	5.10	Rating **	M	Issue No.	104 (cont)
LM End	5.10	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.190110 °	38.190110 °
				-121.557581 °	-121.557581 °
DWR ID	20846				

Photo 2 of 3 : UCIP_FA_2020_61307_89179.jpg



Water-Side: View of levee slope looking from crown

LM Start	5.10	Rating **	M	Issue No.	104 (cont)
LM End	5.10	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2020_61307_89178.jpg



Land-Side: Concrete standpipe and junction 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	5.12	Rating **	M	Issue No.	37
LM End	5.34	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.189775 °	38.187369 °
				-121.557729 °	-121.560247 °
DWR ID	DWR_RD0556_01_f_2018_37				
Comment Code					
Inspector Comment					
2017 Site ID: GEO 7.0 R					
Status: Eroding					
2017 Field Notes: Site extended downstream. Large erosion pockets and significant toe erosion.					
Site History: 1997 - Toe damaged rock. 1999 - One pocket filled with gravel. 2000 - Eroding beach with some biotech rolls and stakes; some gravel on slope. 2001 - Staked, low fascine walls at bankline. 2005 - Stone revetment in between pockets. 2006 - New rock on upper slope behind brush boxes at the upstream end, Stone is sliding off the hard toe. 2016 - Fresh erosion observed.					

Photo 1 of 1 : FA_2020_RD0556_18_37_20200910_00021.jpg



USACE 2013 Photo #1

LM Start	5.31	Rating **	M	Issue No.	105	
LM End	5.31	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.187831 °		38.187831 °
				-121.560061 °		-121.560061 °
DWR ID	21453					
Comment Code						
Inspector Comment						
DS_ID:21453 FS_ID:61313 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Not Found UCIP Comments: 06/22/2020 Record is Non-Urgent. Dense vegetation on both levee slopes prevents inspection of this site. Crossing not found. No permit has been identified authorizing pipe. (O.Yakimov - DWR UCIP) FIELD_STRUCT_DESC: 6-inch steel pipe. 1-inch air and vacuum valve, 6 ft x 42-inch concrete standpipe. O&M Manual Sac 103, June 1954 FS Date: 6/22/2020						

Photo 1 of 3 : UCIP_FA_2020_61313_89181.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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	5.31	Rating **	M	Issue No.	105 (cont)
LM End	5.31	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.187831 °	38.187831 °	
			-121.560061 °	-121.560061 °	
DWR ID	21453				

Photo 2 of 3 : UCIP_FA_2020_61313_89182.jpg



Land-Side: View of levee slope looking from crown

LM Start	5.31	Rating **	M	Issue No.	105 (cont)
LM End	5.31	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2020_61313_89183.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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	5.33	Rating **	M	Issue No.	106	
LM End	5.33	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.187651 °	38.187651 °	
				-121.560247 °	-121.560247 °	
DWR ID	20847					
Comment Code						
Inspector Comment						
DS_ID:20847 FS_ID:61308 EP_NO: 10489 Repair Type: Non-Urgent EVAL Issue: Unauthorized Modification or Non-Compliant Permit Crossing Status: Found UCIP Comments: 06/22/2020 Record is Non-Urgent. Slant pump was removed and replaced with smaller pump on pile structure at riverbank. Unable to find a permit for modification. (O.Yakimov - DWR UCIP) FIELD_STRUCT_DESC: 10-inch pipe through levee, 3.5 feet below crown. Pump on pile structure at riverbank. 1-inch electrical conduit through levee at this location. Siphon breaker in CMP riser on landward slope. A 9 ft x 42-inch concrete standpipe on landside. Service pole with electric meter and connection panel at landside toe. Two sand media filters on landside. (App. 10489 - Dorsie). O&M Manual Sac 103, June 1954. FS Date: 6/22/2020						

LM Start	5.33	Rating **	M	Issue No.	106 (cont)
LM End	5.33	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2020_61308_89184.jpg



Top of Levee: View of levee crown looking downstream

Photo 2 of 3 : UCIP_FA_2020_61308_89185.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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	5.34	Rating **	M	Issue No.	107 (cont)
LM End	5.34	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.187461 °	38.187461 °	
			-121.560446 °	-121.560446 °	
DWR ID	20834				

Photo 2 of 3 : UCIP_FA_2020_61286_89194.jpg



Land-Side: View of levee slope looking from crown

LM Start	5.34	Rating **	M	Issue No.	107 (cont)
LM End	5.34	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2020_61286_89195.jpg



Water-Side: View of levee slope looking from crown

LM Start	5.46	Rating **	U	Issue No.	44
LM End	5.46	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.186593 °	38.186593 °
				-121.562217 °	-121.562217 °
DWR ID	DWR_RD0556_01_s_2017_44				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the fallen tree from the landside slope and repair the damage to the slope.					

Photo 1 of 1 : FA_2020_RD0556_18_44_20200910_00026.jpg



View of fallen tree on landside slope and damage to the 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

**Flood Control Project Maintenance
Levee Inspections
Unit Cover Sheet**

Reclamation District No. 0556 Upper Andrus

Waterway			Bank	Unit Miles
Unit No. 02 Sacramento River			Left	5.72
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	4/3/2020 - 4/3/2020		9/9/2020 - 9/9/2020	
DWR Inspector	David Julian		David Julian	
Accompanied By			Alan Silva Reclamation District 556	

Summer & Winter Inspections

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

DWR must be informed on the:

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

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

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

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	0.04	Rating **	U	Issue No.	92
LM End	0.11	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.239106 °	38.238912 °
				-121.518972 °	-121.520247 °
DWR ID	DWR_RD0556_02_f _ 2019_92				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Multiple fresh squirrel holes					

Photo 1 of 1 : FA_2020_RD0556_19_92_20200909_00060.jpg



View of multiple fresh squirrel holes in the landside slope (Fall 2019).

LM Start	0.04	Rating **	U	Issue No.	20
LM End	0.04	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.239167 °	38.239167 °
				-121.519040 °	-121.519040 °
DWR ID	DWR_RD0556_02_f _ 2019_20				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA_2020_RD0556_19_20_20200909_00008.jpg



View looking downstream at vehicle damage to the waterside slope (Fall 2019).

LM Start	0.11	Rating **	C	Issue No.	24
LM End	0.33	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.238959 °	38.238476 °
				-121.520263 °	-121.524159 °
DWR ID	DWR_RD0556_02_s_2018_24				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	0.44	Rating **	U	Issue No.	40
LM End	0.51	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.238142 °	38.237900 °
				-121.526198 °	-121.527553 °
DWR ID	DWR_RD0556_02_f_2018_40				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : FA_2020_RD0556_19_40_20200909_00023.jpg



View looking upstream at thick trees on the waterside slope (Spring 2019).

LM Start	0.50	Rating **	A/W	Issue No.	43
LM End	0.50	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.237963 °	38.237963 °
				-121.527372 °	-121.527372 °
DWR ID	DWR_RD0556_02_f_2019_43				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Fishermen trail is on slope.					

Photo 1 of 1 : FA_2020_RD0556_19_43_20200909_00025.jpg



View of fishermen trail digging into levee on the waterside slope (Fall 2019).

*** Location**

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

**** Rating**

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

+ Issue Type

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

**Flood Control Project Maintenance
Levee Inspections**

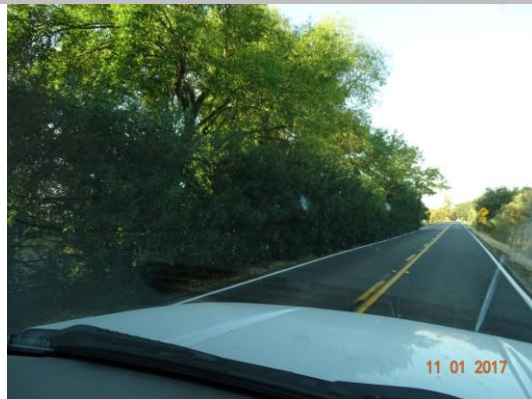
Levee Inspection Report By Mile - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	0.53	Rating **	U	Issue No.	25
LM End	0.55	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.237833 °	38.237810 °
				-121.527766 °	-121.528182 °
DWR ID	DWR_RD0556_02_f_2017_25				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Trim/thin oleanders on the landside of the levee.					

Photo 1 of 1 : FA_2020_RD0556_19_25_20200909_00010.jpg



View of oleanders on the landside of the levee.

LM Start	0.58	Rating **	C	Issue No.	62
LM End	1.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.237712 °	38.238395 °
				-121.528657 °	-121.536273 °
DWR ID	DWR_RD0556_02_f _ 2018_62				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	0.69	Rating **	M	Issue No.	39
LM End	0.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.237469 °	38.237568 °
				-121.530647 °	-121.531358 °
DWR ID	DWR_RD0556_02_s_2018_39				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	0.94	Rating **	M	Issue No.	93	
LM End	0.94	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.238125 °	38.238125 °	
				-121.535267 °	-121.535267 °	
DWR ID	20851					
Comment Code						
Inspector Comment						
DS_ID:20851 FS_ID:12512 EP_NO: 11186 Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: - a concrete box on LS- water is leaking from priming plastic tank and causing surface erosion on levee slope. FIELD_STRUCT_DESC: 4-inch steel irrigation discharge pipe through the levee, 4.3 feet below the crown. Pump and gate valve in a pump house on the waterside (WS) berm. Siphon breaker and service pole on the landside (LS) slope. Concrete spill box with three 8-inch openings. (Retention of a 4-inch pipe through the levee, 4.3 feet below the crown, a pump in a pump house on the WS berm, and a siphon breaker and a service pole on the LS slope authorized under Automatic Board Order (ABO) issued as Permit No. 11186, 1975 - Margaret M. Marks). [Additional Reference(s): DWR Levee Log. USACE Sacramento O&M Manual 103, June 1954, (Station ""J"" 192+00), 6-inch pipe referenced, invert elevation 18.8 feet]. FS Date: 4/25/2013						

LM Start	0.94	Rating **	M	Issue No.	93 (cont)
LM End	0.94	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2020_12512_20245.jpg



WS- pump house on levee berm

Photo 2 of 3 : UCIP_FA_2020_12512_20244.jpg



LS- steel pipe on a concrete box

* 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	0.94	Rating **	M	Issue No.	93 (cont)
LM End	0.94	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.238125 °	38.238125 °
				-121.535267 °	-121.535267 °
DWR ID	20851				

Photo 3 of 3 : UCIP_FA_2020_12512_20243.jpg



WS- pipe daylight from the pump house.

LM Start	1.03	Rating **	M	Issue No.	19
LM End	1.15	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.238772 °	38.239265 °
				-121.536788 °	-121.538845 °
DWR ID	DWR RD0556 02 f 2018 19				

Comment Code

Inspector Comment

2017 Site ID: SAC 25.2 L
 Status: Eroding
 2017 Field Notes: Minor new erosion observed.
 Site History: 1997 - Rock is in poor condition and has failed in many places. Scallops in berm with remnants of old rock in the toe area.
 2005 - Brush boxes present. 2013 - Site extended upstream approximately 300 ft to include new erosion pockets. 2015 - Minor new erosion at toe.

Photo 1 of 1 : FA_2020_RD0556_19_19_20200909_00007.jpg



USACE 2013 Photo #1

* 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	1.14	Rating **	U	Issue No.	26
LM End	1.14	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.239005 °	38.239005 °
				-121.538772 °	-121.538772 °
DWR ID	DWR_RD0556_02_f _ 2017_26				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Trim/thin oleanders on the landside of the levee.					

Photo 1 of 1 : FA_2020_RD0556_19_26_20200909_00011.jpg



Manage oleanders to allow inspection and access.

LM Start	1.16	Rating **	C	Issue No.	42
LM End	1.19	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.239083 °	38.239235 °
				-121.539122 °	-121.539695 °
DWR ID	DWR_RD0556_02_s_2018_42				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	1.22	Rating **	M	Issue No.	94	
LM End	1.22	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.239327 °	38.239327 °	
				-121.540190 °	-121.540190 °	
DWR ID	20852					
Comment Code						
Inspector Comment						
DS_ID:20852 FS_ID:12573 EP_NO: 11187 Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: - gap between 6-inch pipe and 10-inch pipe needs to be sealed. FIELD_STRUCT_DESC: 6-inch steel irrigation discharge pipe sleeved through a 10-inch steel pipe through the levee, 4.8 feet below the crown. Pump on the riverbank. (Retention of a 10-inch pipe through the levee, 4.8 feet below the crown, a flap gate on the waterside (WS) end, landside (LS) end open, used to sleeve portable irrigation pipe, authorized under Automatic Board Order (ABO) issued as Permit No. 11187, 1975 - Ernest and Alvine Machado). [Additional Reference(s): DWR Levee Log]. FS Date: 4/25/2013						

LM Start	1.22	Rating **	M	Issue No.	94 (cont)
LM End	1.22	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2020_12573_20381.jpg



LS- 6-inch steel pipe on orchard.

Photo 2 of 3 : UCIP_FA_2020_12573_20380.jpg



LS- 6-inch steel pipe sleeved through 10-inch steel pipe. 6" pipe is attached with air release valve.

* 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	1.22	Rating **	M	Issue No.	94 (cont)
LM End	1.22	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.239327 °	38.239327 °	
			-121.540190 °	-121.540190 °	
DWR ID	20852				

Photo 3 of 3 : UCIP_FA_2020_12573_20383.jpg



WS- 6-inch steel pipe on levee slope

LM Start	1.26	Rating **	C	Issue No.	65
LM End	1.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.239485 °	38.239607 °
				-121.540865 °	-121.541430 °
DWR ID	DWR_RD0556_02_s_2019_65				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.31	Rating **	U	Issue No.	28
LM End	1.31	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.239677 °	38.239677 °
				-121.541715 °	-121.541716 °
DWR ID	DWR_RD0556_02_f_2017_28				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Trim/thin oleanders on the landside of the levee.					

Photo 1 of 1 : FA_2020_RD0556_19_28_20200909_00013.jpg



View of oleanders on the landside of the levee.

* 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	1.37	Rating **	C	Issue No.	66
LM End	1.43	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.239888 °	38.240080 °
				-121.542833 °	-121.543942 °
DWR ID	DWR_RD0556_02_f _ 2019_66				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.39	Rating **	C	Issue No.	29
LM End	1.39	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.239935 °	38.239935 °
				-121.543148 °	-121.543148 °
DWR ID	DWR_RD0556_02_f_2017_29				
Comment Code					
EQ : Equipment					
Inspector Comment					
Remove/relocate the two large sea-train shipping containers to at least 10 feet from the landside toe to allow inspection and access.					

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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	1.45	Rating **	M	Issue No.	18
LM End	1.59	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.240401 °	38.240772 °
				-121.544106 °	-121.546791 °
DWR ID	DWR_RD0556_02_f_2018_18				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 24.8 L					
Status: Eroding					
2017 Field Notes: Significant lower bank erosion.					
Site History: 1997 - Slow erosion of the berm at the waterline; bench below water. 2005 - Brush boxes present. 2010 - Minor new erosion.					
2013 - There is little to no berm remaining at downstream end of this site. 2016 - New erosion on levee slope.					

Photo 1 of 1 : FA_2020_RD0556_19_18_20200909_00006.jpg



USACE 2013 Photo #1

LM Start	1.46	Rating **	C	Issue No.	48
LM End	1.46	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.240157 °	38.240157 °
				-121.544530 °	-121.544530 °
DWR ID	DWR_RD0556_02_f_2019_48				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove down dead tree on waterside 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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Levee Inspection Report By Mile - Fall 2020

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

Photo 1 of 1 : FA_2020_RD0556_19_41_20200909_00024.jpg



04 05 2018

View of cactus and other landscaping.

Photo 1 of 1 : FA_2020_RD0556_19_90_20200909_00059.jpg



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

Photo 1 of 1 : FA_2020_RD0556_19_47_20200909_00029.jpg



View looking downstream at cactus on the landside slope (Spring 2019).

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	1.64	Rating **	C	Issue No.	67
LM End	1.73	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.240733 °	38.240972 °
				-121.547738 °	-121.549260 °
DWR ID	DWR_RD0556_02_f_2018_67				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.76	Rating **	C	Issue No.	68
LM End	1.79	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.241003 °	38.240998 °
				-121.549887 °	-121.550352 °
DWR ID	DWR_RD0556_02_f_2018_68				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	1.82	Rating **	U	Issue No.	70
LM End	1.92	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.241010 °	38.240618 °
				-121.551033 °	-121.552747 °
DWR ID	DWR_RD0556_02_f_2018_70				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Thin oleanders to allow view down the levee slope.					

Photo 1 of 1 : FA_2020_RD0556_19_70_20200911_00061.jpg



View looking downstream at oleanders on the waterside slope (Fall 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	1.83	Rating **	U	Issue No.	86
LM End	1.87	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.240944 °	38.240851 °
				-121.551078 °	-121.551833 °
DWR ID	DWR_RD0556_02_s_2020_86				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA_2020_RD0556_19_86_20200909_00056.jpg



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

LM Start	1.89	Rating **	U	Issue No.	30
LM End	1.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.240775 °	38.240024 °
				-121.552183 °	-121.553860 °
DWR ID	DWR_RD0556_02_f_2017_30				
Comment Code					
V7 : Trees / Woody Vegetation					
Inspector Comment					
Remove cactus on the landside slope.					

Photo 1 of 1 : FA_2020_RD0556_19_30_20200909_00015.jpg



Trim/thin oleanders on landside 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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	2.06	Rating **	U	Issue No.	32
LM End	2.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.239470 °	38.239470 °
				-121.554845 °	-121.554845 °
DWR ID	DWR_RD0556_02_s_2020_32				
Comment Code					
V7 : Trees / Woody Vegetation					
Inspector Comment					
Arundo growth should be removed to allow inspection and access to the landside slope and toe.					

Photo 1 of 1 : FA_2020_RD0556_19_32_20200909_00017.jpg



View of arundo on the landside slope and toe.

LM Start	2.12	Rating **	U	Issue No.	57
LM End	2.12	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.238887 °	38.238887 °
				-121.555570 °	-121.555570 °
DWR ID	DWR_RD0556_02_f _ 2019_57				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove downed tree.					

Photo 1 of 1 : FA_2020_RD0556_19_57_20200911_00062.jpg



View looking downstream at down tree on waterside shoulder (Fall 2020).

LM Start	2.12	Rating **	C	Issue No.	72
LM End	2.46	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.238828 °	38.234587 °
				-121.555693 °	-121.557981 °
DWR ID	DWR_RD0556_02_f_2018_72				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	2.13	Rating **	U	Issue No.	87
LM End	2.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.238780 °	38.238780 °
				-121.555717 °	-121.555717 °
DWR ID	DWR_RD0556_02_f_2018_87				
Comment Code					
V7 : Trees / Woody Vegetation					
Inspector Comment					
Remove cactus from the landside slope.					

Photo 1 of 1 : FA_2020_RD0556_19_87_20200909_00057.jpg



View of cactus on the landside slope (October 2018).

LM Start	2.14	Rating **	U	Issue No.	2
LM End	2.14	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.238644 °	38.238644 °
				-121.555967 °	-121.555967 °
DWR ID	DWR_RD0556_02_f _ 2020_2				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Trim oleanders on the waterside slope.					

Photo 1 of 1 : FA_2020_RD0556_19_2_20200911_00063.jpg



View looking upstream oleanders on the waterside slope (Fall 2020).

LM Start	2.19	Rating **	U	Issue No.	33
LM End	2.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.238172 °	38.237883 °
				-121.556502 °	-121.556958 °
DWR ID	DWR_RD0556_02_f_2017_33				
Comment Code					
V7 : Trees / Woody Vegetation					
Inspector Comment					
Large growth of prickly pear cactus should be removed to allow inspection and access.					

Photo 1 of 1 : FA_2020_RD0556_19_33_20200909_00018.jpg



View of large growth of prickly pear cactus.

*** 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	2.28	Rating **	M	Issue No.	1
LM End	2.28	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.237156 °	38.237156 °
				-121.557640 °	-121.557640 °
DWR ID	DWR_RD0556_02_f_2015_1				
Comment Code					
V6 : Landscaping					
Inspector Comment					
These unauthorized planted redwoods have been reported in the past inspections. The District needs to have the owner remove them from the levee slope.					

Photo 1 of 1 : FA_2020_RD0556_19_1_20200909_00001.jpg



RD 556 Unit 2 Levee mile 2.28 unauthorized planting of redwood trees planted on the slope.

LM Start	2.29	Rating **	U	Issue No.	35
LM End	2.33	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.237060 °	38.236545 °
				-121.557782 °	-121.557910 °
DWR ID	DWR_RD0556_02_f_2017_35				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Trim/thin oleanders to allow inspection and access to landside slope and toe.					

Photo 1 of 1 : FA_2020_RD0556_19_35_20200909_00019.jpg



View of oleanders on the landside slope and toe.

LM Start	2.41	Rating **	C	Issue No.	82
LM End	2.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.235263 °	38.235263 °
				-121.558051 °	-121.558051 °
DWR ID	DWR_RD0556_02_s_2020_82				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	2.42	Rating **	M	Issue No.	95
LM End	2.42	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.235261 °	38.235261 °	
			-121.558059 °	-121.558059 °	
DWR ID	20859				

Comment Code

Inspector Comment

DS_ID:20859
FS_ID:12574
EP_NO: 11181
Repair Type: Non-Urgent
EVAL Issue:
Crossing Status: Found
UCIP Comments: - Needs to clean CMP riser for proper functioning of siphon breaker.
FIELD_STRUCT_DESC: 10-inch steel irrigation discharge pipe through the levee, 5.8 feet below the crown. Pump and gate valve in a pump house on the waterside (WS) slope. Siphon breaker and service pole on the landside (LS) slope. (Retention of a 10-inch pipe through the levee, 5.8 feet below the crown, a pump and a gate valve in a pump house on the WS slope, and a siphon breaker and a service pole on the LS slope authorized under Automatic Board Order (ABO) issued as Permit No. 11181, 1975 - Robert E. and G. P. Collins). [Additional Reference(s): DWR Levee Log. USACE Sacramento O&M Manual 103, June 1954, (Station ""J"" 115+25), invert elevation 18.5 feet].
FS Date: 4/25/2013

LM Start	2.42	Rating **	M	Issue No.	95 (cont)
LM End	2.42	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2020_12574_20388.jpg



WS- pump house on levee berm

Photo 2 of 3 : UCIP_FA_2020_12574_20387.jpg



WS- pump, and gate valve in pump house.

* 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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Levee Inspection Report By Mile - Fall 2020

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

Photo 3 of 3 : UCIP_FA_2020_12574_20386.jpg



WS- power control panel and electric conduit in pump house.

Photo 1 of 1 : FA_2020_RD0556_19_45_20200909_00027.jpg



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

Photo 1 of 1 : FA_2020_RD0556_19_76_20200911_00071.jpg



View of large cactus on the landside slope (Fall 2020).

* 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	2.69	Rating **	M	Issue No.	44
LM End	2.69	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.231494 °	38.231494 °
				-121.556474 °	-121.556474 °
DWR ID	DWR_RD0556_02_s_2020_44				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove fallen tree from the waterside shoulder.					

Photo 1 of 1 : FA_2020_RD0556_19_44_20200909_00026.jpg



View of fallen tree within 20' of the waterside shoulder (Spring 2019).

LM Start	2.75	Rating **	U	Issue No.	88
LM End	2.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.230752 °	38.230752 °
				-121.556007 °	-121.556007 °
DWR ID	DWR_RD0556_02_f _ 2019_88				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Broken tree limb blocking view of landside slope.					

Photo 1 of 1 : FA_2020_RD0556_19_88_20200909_00058.jpg



View of broken tree limb blocking the view of the landside slope (Fall 2019).

*** Location**

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

**** Rating**

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

+ Issue Type

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	2.84	Rating **	M	Issue No.	96
LM End	2.84	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.229524 °	38.229524 °
				-121.555404 °	-121.555404 °
DWR ID	20849				
Comment Code					
Inspector Comment					
DS_ID:20849 FS_ID:41713 EP_NO: 11181 Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: - Needs to clean siphon breaker CMP riser. FIELD_STRUCT_DESC: 6-inch irrigation discharge pipe of an unknown material through the levee, 6 feet below the crown. Pressure tank in a pump house on the waterside (WS) berm. Service pole, siphon breaker, and distribution box on the landside (LS) slope. (Retention of a 6-inch pipe through the levee, 6 feet below the crown; a pump, a gate valve, and a pressure tank on the WS berm; and a service pole on the LS slope authorized under Automatic Board Order (ABO) issued as Permit No. 11181, 1975 - Robert E. and G. P. Collins). [Additional Reference(s): DWR Levee Log]. FS Date: 4/25/2013					

LM Start	2.84	Rating **	M	Issue No.	96 (cont)
LM End	2.84	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2020_41713_20284.jpg



WS- pump house on levee berm.

Photo 2 of 3 : UCIP_FA_2020_41713_20283.jpg



LS- siphon breaker in CMP riser 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	2.84	Rating **	M	Issue No.	96 (cont)
LM End	2.84	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.229524 °	38.229524 °
				-121.555404 °	-121.555404 °
DWR ID	20849				

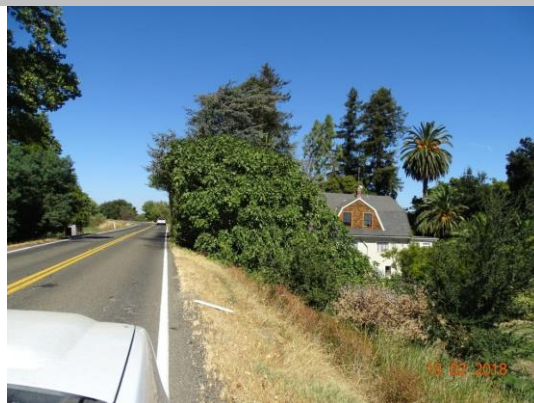
Photo 3 of 3 : UCIP_FA_2020_41713_20282.jpg



LS- concrete distribution box near toe of the levee

LM Start	2.86	Rating **	M	Issue No.	46
LM End	2.86	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.229195 °	38.229195 °
				-121.555337 °	-121.555337 °
DWR ID	DWR_RD0556_02_f _ 2019_46				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA_2020_RD0556_19_46_20200909_00028.jpg



View looking upstream at beginning of landscaping on landside (October 2018).

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	3.07	Rating **	M	Issue No.	97
LM End	3.07	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.226225 °	38.226225 °
				-121.555236 °	-121.555236 °
DWR ID	20862				
Comment Code					
Inspector Comment					
DS_ID:20862 FS_ID:12525 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: - 9-inch steel pipe sleeved through 12-inch pipe.- needs to seal gap between two pipes. FIELD_STRUCT_DESC: 9-inch steel pipe sleeved through a 12-inch steel irrigation discharge pipe through the levee, 6 feet below the crown. Pump on a pile structure in the river. Steel walkway to the pump and wood steps on the waterside (WS) slope. Concrete spill box with two 8- inch openings. (Retention of a 12-inch pipe through the levee, 6 feet below the crown, a pump on a pile structure in the river, a steel walkway to the pump, and wood steps on the WS slope authorized under Automatic Board Order (ABO) issued as Permit No. 11193, 1975 - Gertrude M. Reid). [Additional Reference(s): DWR Levee Log. USACE Sacramento O&M Manual 103, June 1954, (Station ""J"" 80+79), invert elevation 18.3 feet]. FS Date: 4/25/2013					

LM Start	3.07	Rating **	M	Issue No.	97 (cont)
LM End	3.07	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2020_12525_20290.jpg



WS- walkway, pump, and pipe on steel pile structure in the river.

Photo 2 of 3 : UCIP_FA_2020_12525_20289.jpg



WS- 9-inch pipe sleeved through 10 inch steel pipe.

* 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	3.07	Rating **	M	Issue No.	97 (cont)
LM End	3.07	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.226225 °	38.226225 °
				-121.555236 °	-121.555236 °
DWR ID	20862				

Photo 3 of 3 : UCIP_FA_2020_12525_20288.jpg



LS- a concrete spill box on landside of the levee.

LM Start	3.07	Rating **	M	Issue No.	59
LM End	3.07	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.226155 °	38.226155 °
				-121.555273 °	-121.555273 °
DWR ID	DWR_RD0556_02_f _ 2019_59				
Comment Code					
MA : Material					
Inspector Comment					
There is an abandoned uninstalled pipe on waterside.					

Photo 1 of 1 : FA_2020_RD0556_19_59_20200909_00040.jpg



View of abandoned uninstalled pipe on the waterside toe (Fall 2019).

*** Location**

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

**** Rating**

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

+ Issue Type

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	3.17	Rating **	M	Issue No.	17
LM End	3.28	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.224850 °	38.223233 °
				-121.555641 °	-121.555687 °
DWR ID	DWR_RD0556_02_f _ 2018_17				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 23.2 L					
Status: Eroding					
2017 Field Notes: New erosion along lower bank.					
Site History: 2000 - Recently fallen cottonwood at the downstream end.					
2005 - Empty brush boxes. 2011 - A few trees have fallen since last					
year. 2012 - Potential new tree popout since last year. 2013 - New					
erosion at downstream end of site and a recent tree pop-out observed.					
2016 - New erosion at the toe.					

Photo 1 of 1 : FA_2020_RD0556_19_17_20200909_00005.jpg



USACE 2013 Photo #1

LM Start	3.29	Rating **	M	Issue No.	85
LM End	3.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.222995 °	38.222995 °
				-121.555433 °	-121.555433 °
DWR ID	DWR_RD0556_02_f_2019_85				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

* 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	3.51	Rating **	M	Issue No.	98
LM End	3.51	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.219851 °	38.219851 °
				-121.556129 °	-121.556129 °
DWR ID	20863				

Comment Code

Inspector Comment

DS_ID:20863
FS_ID:12527
EP_NO: 11181
Repair Type: Non-Urgent
EVAL Issue:
Crossing Status: Found
UCIP Comments: - needs to fix siphon breaker
FIELD_STRUCT_DESC: 10-inch steel irrigation discharge pipe through the levee, 4.8 feet below the crown. Steel walkway to the pump on a pile structure in the river. Siphon breaker on the waterside (WS). Service pole on the landside (LS) slope. Concrete spill box with two 15-inch openings on the LS. (Retention of a 10-inch pipe through the levee, 4.8 feet below the crown, a steel walkway to the pump on a pile structure in the river, and a siphon breaker and a service pole on the LS slope authorized under Automatic Board Order (ABO) issued as Permit No. 11181, 1975 - Robert E. and G. P. Collins). [Additional Reference(s): DWR Levee Log. USACE Sacramento O&M Manual 103, June 1954, (Station ""J"" 58+00), invert elevation 18.2 feet].
FS Date: 4/25/2013

LM Start	3.51	Rating **	M	Issue No.	98 (cont)
LM End	3.51	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2020_12527_20297.jpg



WS- pump, pipe, and walkway on steel structure in the stream.

Photo 2 of 3 : UCIP_FA_2020_12527_20296.jpg



WS- siphon breaker and abandoned CMP riser laying adjacent to it.

* 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	3.51	Rating **	M	Issue No.	98 (cont)
LM End	3.51	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.219851 °	38.219851 °	
			-121.556129 °	-121.556129 °	
DWR ID	20863				

Photo 3 of 3 : UCIP_FA_2020_12527_20295.jpg



WS- siphon breaker on levee slope.

LM Start	3.54	Rating **	M	Issue No.	78
LM End	3.54	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.219407 °	38.219407 °
				-121.556280 °	-121.556280 °
DWR ID	DWR_RD0556_02_f _ 2018_78				
Comment Code					
ST : Stairway					
Inspector Comment					
Stairs encroaching into slope do not have a permit.					

Photo 1 of 1 : FA_2020_RD0556_19_78_20200909_00052.jpg



View of stairs on waterside slope (October 2018).

LM Start	3.57	Rating **	A/W	Issue No.	23
LM End	3.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Seepage / Sandboils			38.218950 °	38.213490 °
				-121.556300 °	-121.556850 °
DWR ID	DWR_RD0556_02_R_2012_03				
Comment Code					
Inspector Comment					
This was a 2017 Storm Damage site. Seepage observed during 2017 high water. Site ID No:68 Site Designation:DWR_RD0556_02_R_2012_03					

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**

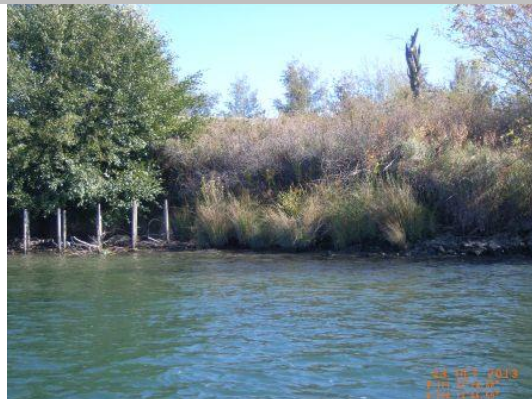
Levee Inspection Report By Mile - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	3.58	Rating **	M	Issue No.	16
LM End	3.64	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.218951 °	38.218104 °
				-121.556689 °	-121.556819 °
DWR ID	DWR_RD0556_02_f_2018_16				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 22.7 L					
Status: Eroding					
2017 Field Notes: Minor new erosion at toe.					
Site History: 1997 - Scallops into berm and very close to levee toe.					
2005 - Brush boxes present. 2011 - New toe scour and freshly fallen tree. 2012 - New tree popout has taken significant portion of soil out of the levee.					

Photo 1 of 1 : FA_2020_RD0556_19_16_20200909_00004.jpg



USACE 2013 Photo #1

LM Start	3.58	Rating **	U	Issue No.	49
LM End	3.74	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.218889 °	38.216543 °
				-121.556388 °	-121.556777 °
DWR ID	DWR_RD0556_02_s_2018_49				
Comment Code					
V6 : Landscaping					
Inspector Comment					
A row of evergreen trees block inspection and access. They should be trimmed to 5' above the levee.					

Photo 1 of 1 : FA_2020_RD0556_19_49_20200909_00031.jpg



View of landscaping trees on the landside.

*** 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	3.68	Rating **	M	Issue No.	63
LM End	3.68	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.217462 °	38.217462 °
				-121.556647 °	-121.556647 °
DWR ID	DWR_RD0556_02_f_2019_63				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Repair erosion on waterside shoulder					

Photo 1 of 1 : FA_2020_RD0556_19_63_20200909_00044.jpg



View of erosion on the waterside shoulder (Fall 2019).

LM Start	3.83	Rating **	M	Issue No.	84
LM End	3.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.215223 °	38.214688 °
				-121.556903 °	-121.556868 °
DWR ID	DWR_RD0556_02_f_2018_84				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : FA_2020_RD0556_19_84_20200909_00055.jpg



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

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	3.95	Rating **	M	Issue No.	15
LM End	4.12	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 USACE Erosion Survey		38.213581 °	38.211112 °	
			-121.557197 °	-121.557042 °	

DWR ID DWR_RD0556_02_f_2018_15

Comment Code

Inspector Comment

2017 Site ID: SAC 22.5 L
Status: Eroding
2017 Field Notes: New lower bank erosion at the upstream end. Locals placed rock in some erosion pockets.
Site History: 2002 - Spot rock along berm, but not in the erosion pockets. 2005 - Some new minor stone revetment at the upstream end. Brush boxes present. 2006 - Currently installing new brush in downstream brush boxes. 2007 - Rock in middle portion for about 150 ft. 2010 - Some attempt at repairs but still has pockets of erosion. 2012 - More erosion along the toe.

Photo 1 of 1 : FA_2020_RD0556_19_15_20200909_00003.jpg



USACE 2013 Photo #1

LM Start	3.99	Rating **	M	Issue No.	99
LM End	3.99	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.213031 °	38.213031 °	
			-121.556800 °	-121.556800 °	

DWR ID 20864

Comment Code

Inspector Comment

DS_ID:20864
FS_ID:12543
EP_NO: 11197
Repair Type: Non-Urgent
EVAL Issue:
Crossing Status: Found
UCIP Comments: Electric control panel in pump house.Needs cleaning of CMP riser on landside.
FIELD_STRUCT_DESC: 6-inch steel irrigation discharge pipe through the levee, 6.5 feet below the crown. Slant pump on a steel pile structure in the river. Walkway to the pump. Gate valve in a pump house on the waterside (WS) slope. Siphon breaker and service poles on the landside (LS) slope. Concrete standpipe on the LS. (Retention of a 6-inch pipe through the levee, 6.5 feet below the crown, a pump and a gate valve in a pump house on the WS slope, and a siphon breaker and a service pole on the LS slope authorized under Automatic Board Order (ABO) issued as Permit No. 11197, 1975 - Richard T. and Mary B. Souza). [Additional Reference(s): DWR Levee Log. USACE Sacramento O&M Manual 103, June 1954, (Station ""J"" 32+40), invert elevation 18.1 feet].
FS Date: 4/25/2013

Photo 1 of 3 : UCIP_FA_2020_12543_20302.jpg



WS- pipe and pump on steel pile structure. Steel walkway from pump house to the pump on steel structure.

* 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	3.99	Rating **	M	Issue No.	99 (cont)
LM End	3.99	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.213031 °	38.213031 °	
			-121.556800 °	-121.556800 °	
DWR ID	20864				

Photo 2 of 3 : UCIP_FA_2020_12543_20301.jpg



LS- siphon breaker in CMP riser and concrete standpipe behind CMP riser.

LM Start	3.99	Rating **	M	Issue No.	99 (cont)
LM End	3.99	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2020_12543_20300.jpg



LS- siphon breaker in CMP riser. It needs cleaning.

LM Start	4.01	Rating **	U	Issue No.	71
LM End	4.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.212672 °	38.212672 °
				-121.556759 °	-121.556759 °
DWR ID	DWR_RD0556_02_s_2020_71				
Comment Code					
V7 : Trees / Woody Vegetation					
Inspector Comment					
Arundo on the landside slope.					

Photo 1 of 1 : FA_2020_RD0556_19_71_20200909_00049.jpg



View of thick arundo on the landside slope (Spring 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	4.22	Rating **	U	Issue No.	51
LM End	4.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.209629 °	38.209629 °
				-121.556757 °	-121.556757 °
DWR ID	DWR_RD0556_02_s_2020_51				
Comment Code					
V7 : Trees / Woody Vegetation					
Inspector Comment					
Remove arundo from landside slope					

Photo 1 of 1 : FA_2020_RD0556_19_51_20200909_00032.jpg



View of thick arundo on the landside slope (Spring 2020).

LM Start	4.26	Rating **	M	Issue No.	100
LM End	4.26	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.209117 °	38.209117 °
				-121.556803 °	-121.556803 °
DWR ID	20865				
Comment Code					
Inspector Comment					
DS_ID:20865 FS_ID:12545 EP_NO: 11194 Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: - CMP riser found abandoned on LS slope. Due to dense vegetation siphon breaker could not be found.- Dense vegetation on both sides of the levee.- Oil leaks from pump set. FIELD_STRUCT_DESC: 8-inch steel irrigation discharge pipe through the levee, 6.7 feet below the crown. Pump and gate valve in a pump house on the waterside (WS) slope. Siphon breaker on the landside (LS) slope. (Retention of an 8-inch pipe through the levee, 6.7 feet below the crown, a pump and a gate valve in a pump house on the WS slope, and a siphon breaker on the LS slope authorized under Automatic Board Order (ABO) issued as Permit No. 11194, 1975 - Gerald E. and William M. Robinson, et al.). [Additional Reference(s): DWR Levee Log. USACE Sacramento O&M Manual 103, June 1954, (Station ""J"" 18+20), invert elevation 18 feet]. FS Date: 4/25/2013					

Photo 1 of 3 : UCIP_FA_2020_12545_20310.jpg



WS- pump house not visible due to the dense vegetation.

* 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	4.26	Rating **	M	Issue No.	100 (cont)
LM End	4.26	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.209117 °	38.209117 °	
			-121.556803 °	-121.556803 °	
DWR ID	20865				

Photo 2 of 3 : UCIP_FA_2020_12545_20309.jpg



WS- pump house inside the dense vegetation.

LM Start	4.26	Rating **	M	Issue No.	100 (cont)
LM End	4.26	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2020_12545_20308.jpg



WS- pump, gate valve and pipe in pump house.

LM Start	4.41	Rating **	U	Issue No.	36
LM End	4.44	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.206832 °	38.206418 °
				-121.556783 °	-121.556770 °
DWR ID	DWR_RD0556_02_f_2017_36				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Oleanders, trees, and other landscaping should be trimmed to allow inspection and access to the landside slope and toe.					

Photo 1 of 1 : FA_2020_RD0556_19_36_20200909_00020.jpg



View of landscaping on the landside.

* 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	4.43	Rating **	M	Issue No.	54
LM End	4.43	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.206628 °	38.206628 °
				-121.556829 °	-121.556829 °
DWR ID	DWR_RD0556_02_s_2018_54				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove fallen tree and other woody debris on waterside slope					

Photo 1 of 1 : FA_2020_RD0556_19_54_20200909_00035.jpg



View of fallen tree and limbs on the waterside slope (Fall 2019).

LM Start	4.45	Rating **	M	Issue No.	14
LM End	4.49	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.206377 °	38.205729 °
				-121.557184 °	-121.557108 °
DWR ID	DWR_RD0556_02_f_2018_14				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 21.9 L					
Status: Eroding					
2017 Field Notes: No observed change..					
Site History: 2013 - Erosion pockets encroaching on levee foundation.					

Photo 1 of 1 : FA_2020_RD0556_19_14_20200909_00002.jpg



USACE 2013 Photo #1

LM Start	4.50	Rating **	M	Issue No.	5
LM End	4.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.205578 °	38.205578 °
				-121.556776 °	-121.556776 °
DWR ID	DWR_RD0556_02_f _ 2020_5				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Blackberries on the landside toe.					

No Photos

* 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	4.54	Rating **	M	Issue No.	101
LM End	4.54	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.204974 °	38.204974 °
				-121.556789 °	-121.556789 °
DWR ID	20866				
Comment Code					
Inspector Comment					
DS_ID:20866 FS_ID:12546 EP_NO: 11940 Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: - Abandoned crossing.- Siphon breaker on LS not found due to dense vegetation, - An abandoned CMP riser and service pole found on LS.- It may need to be properly abandoned. FIELD_STRUCT_DESC: *ABANDONED* 6-inch steel irrigation discharge pipe through the levee, 6.7 feet below the crown. Pump and gate valve in a pump house on the waterside (WS) slope. Siphon breaker and service pole on the landside (LS) slope. (Retention of a 6-inch pipe through the levee, 6.5 feet below the crown, a pump and a gate valve in a pump house on the WS slope, and a siphon breaker and a service pole on the LS slope authorized under Automatic Board Order (ABO) issued as Permit No. 11194, 1975 - Gerald E. and William M. Robinson, et al.). [Additional Reference(s): DWR Levee Log. USACE Sacramento O&M Manual 103, June 1954, (Station ""J"" 2+73), invert elevation 18 feet]. FS Date: 4/25/2013					

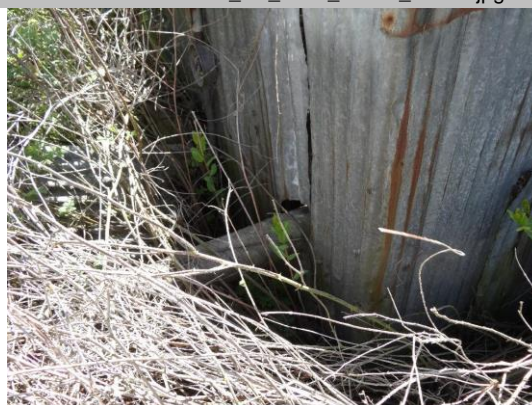
LM Start	4.54	Rating **	M	Issue No.	101 (cont)
LM End	4.54	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2020_12546_20314.jpg



WS- abandoned pump house on levee slope. Dense vegetation on levee slope.

Photo 2 of 3 : UCIP_FA_2020_12546_20313.jpg



WS- pipe daylight from levee slope to pump house.

* 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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Levee Inspection Report By Mile - Fall 2020

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	4.54	Rating **	M	Issue No.	101 (cont)
LM End	4.54	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.204974 °	38.204974 °
				-121.556789 °	-121.556789 °
DWR ID	20866				

WS- abandoned gate valve, pump, and pipe in pump house

LM Start	4.57	Rating **	U	Issue No.	56
LM End	4.57	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.204544 °	38.204544 °
				-121.556769 °	-121.556769 °
DWR ID	DWR_RD0556_02_s _ 2018_56				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove dead tree/limb from the landside.					

A photograph showing a roadside area with a pile of brush and a dead tree trunk. In the background, there are green fields and a line of trees under a cloudy sky. A road with yellow double lines is visible in the foreground. The date "04-08-2018" is printed in orange in the bottom right corner.

Fallen tree on landside should be removed.

LM Start	4.63	Rating **	M	Issue No.	38
LM End	4.84	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.203693 °	38.200593 °
				-121.556683 °	-121.557208 °
DWR ID	DWR_RD0556_02_s_2012_38				
Comment Code					
FE : Fence					
Inspector Comment					
Remove this old fence from the levee section landside.					

View of old fence posts on landside slope (October 2018).

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

Reclamation District No. 0556 Upper Andrus

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	4.73	Rating **	M	Issue No.	102
LM End	4.73	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.202301 °	38.202301 °
				-121.556952 °	-121.556952 °
DWR ID	20867				
Comment Code					
Inspector Comment					
DS_ID:20867 FS_ID:12547 EP_NO: 11199 Repair Type: Non-Urgent EVAL Issue: Crossing Status: Indicator Found UCIP Comments: - pump, gate valve and pumphouse not found on waterward slope.- an abandoned electric control panel found on WS.- may need to be properly abandoned. FIELD_STRUCT_DESC: 6-inch steel irrigation discharge pipe through the levee, 6.5 feet below the crown. Siphon and concrete spill box with two 8-inch openings. (Retention of a 6-inch pipe through the levee, 6.5 feet below the crown, a pump and a gate valve in a pump house on the waterside [WS] slope, and a siphon breaker and a service pole on the landside [LS] slope authorized under Automatic Board Order (ABO) issued as Permit No. 11199, 1975 - Toshi Tokuyoshi, et al.). [Additional Reference(s): DWR Levee Log. USACE Sacramento O&M Manual 103, June 1954, (Station ""H"" 159+97), invert elevation 17.9 feet]. FS Date: 4/25/2013					

LM Start	4.73	Rating **	M	Issue No.	102 (cont)
LM End	4.73	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2020_12547_20320.jpg



LS- obstructed siphon breaker in CMP riser on levee slope.

Photo 2 of 3 : UCIP_FA_2020_12547_20319.jpg



LS- concrete distribution box near 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	4.73	Rating **	M	Issue No.	102 (cont)
LM End	4.73	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.202301 °	38.202301 °	
			-121.556952 °	-121.556952 °	
DWR ID	20867				

Photo 3 of 3 : UCIP_FA_2020_12547_20318.jpg



LS- power pole and a concrete distribution box near levee toe.

LM Start	4.79	Rating **	M	Issue No.	60
LM End	4.79	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.201402 °	38.201402 °
				-121.557108 °	-121.557108 °
DWR ID	DWR_RD0556_02_s_2018_60				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove cactus before more can become established.					

Photo 1 of 1 : FA_2020_RD0556_19_60_20200909_00041.jpg



View of cactus on the landside slope (October 2018).

LM Start	4.82	Rating **	U	Issue No.	61
LM End	4.82	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.201002 °	38.201002 °
				-121.557170 °	-121.557170 °
DWR ID	DWR_RD0556_02_s_2018_61				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landside bamboo should be removed to allow inspection and access.					

Photo 1 of 1 : FA_2020_RD0556_19_61_20200911_00070.jpg



View looking downstream at bamboo on the landside slope (Fall 2020).

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	4.94	Rating **	M	Issue No.	83
LM End	4.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.199282 °	38.199282 °
				-121.557835 °	-121.557835 °
DWR ID	DWR_RD0556_02_f _ 2018_83				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	4.95	Rating **	M	Issue No.	103	
LM End	4.95	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.199133 °		38.199133 °
				-121.557939 °		-121.557939 °
DWR ID	20868					
Comment Code						
Inspector Comment						
DS_ID:20868 FS_ID:12564 EP_NO: 11191 Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: - needs to fix CMP riser. FIELD_STRUCT_DESC: 8-inch irrigation discharge pipe of an unknown material through the levee, 5.7 feet below the crown. Pump on the waterside (WS) slope. Gate valve on the WS berm. Siphon breaker and service pole on the landside (LS) slope. (Retention of an 8-inch pipe through the levee, 5.7 feet below the crown, a pump on the WS slope, a gate valve on the WS berm, and a siphon breaker and a service pole on the LS slope authorized under Automatic Board Order (ABO) issued as Permit No. 11191, 1975 - Pacific Fruit Exchange). [Additional Reference(s): DWR Levee Log]. FS Date: 4/25/2013						

Photo 1 of 3 : UCIP_FA_2020_12564_20347.jpg



WS- 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	4.95	Rating **	M	Issue No.	103 (cont)
LM End	4.95	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.199133 °	38.199133 °	
			-121.557939 °	-121.557939 °	
DWR ID	20868				

Photo 2 of 3 : UCIP_FA_2020_12564_20346.jpg



WS- pump, pipe and gate valve in pump house.

LM Start	4.95	Rating **	M	Issue No.	103 (cont)
LM End	4.95	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2020_12564_20351.jpg



WS- closer look at pump, pipe and gate valve in pump house.

LM Start	5.08	Rating **	U	Issue No.	37
LM End	5.16	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.197407 °	38.196388 °
				-121.558950 °	-121.559558 °
DWR ID	DWR_RD0556_02_f_2017_37				
Comment Code					
V7 : Trees / Woody Vegetation					
Inspector Comment					
Remove large cactus partway down the landside slope.					

Photo 1 of 1 : FA_2020_RD0556_19_37_20200911_00069.jpg



View looking upstream at cactus partway down the landside slope (Fall 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	5.21	Rating **	U	Issue No.	104	
LM End	5.21	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.195755 °		38.195755 °
				-121.560078 °		-121.560078 °
DWR ID	20869					
Comment Code						
Inspector Comment						
DS_ID:20869 FS_ID:52733 EP_NO: 11185 Repair Type: Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 07/12/2018 Pit on WS is covered with plywood. Water pump is running, no leaks detected. LS part of crossing was reconstructed. New pipe was installed after CMP riser to supply water to sand filters. Remains Urgent due to large pit on WS that needs to be backfilled. (O.Yakimov-DWR UCIP)04/25/2013 Large pit on levee berm. FIELD_STRUCT_DESC: 8-inch irrigation discharge pipe of an unknown material through the levee, 5.7 feet below the crown. Pump and gate valve in a pump house on the waterside (WS) slope. Siphon breaker, concrete box, and service pole on the landside (LS) slope. (Retention of an 8-inch pipe through the levee, 5.7 feet below the crown, a pump and a gate valve in a pump house on the WS slope, and a siphon breaker and a service pole on the LS slope authorized under Automatic Board Order (ABO) issued as Permit No. 11185, 1975 - R. Walter Langhart). [Additional Reference(s): DWR Levee Log]. FS Date: 7/13/2018						

LM Start	5.21	Rating **	U	Issue No.	104 (cont)
LM End	5.21	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2020_52733_20364.jpg



WS- pump house on levee slope

Photo 2 of 3 : UCIP_FA_2020_52733_20363.jpg



WS- pipe daylight from the levee.

* 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	5.21	Rating **	U	Issue No.	104 (cont)
LM End	5.21	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.195755 °	38.195755 °
				-121.560078 °	-121.560078 °
DWR ID	20869				

Photo 3 of 3 : UCIP_FA_2020_52733_20366.jpg



WS- electric conduit daylight near pump house.

LM Start	5.31	Rating **	C	Issue No.	64
LM End	5.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.194713 °	38.194713 °
				-121.561177 °	-121.561177 °
DWR ID	DWR_RD0556_02_f _ 2019_64				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove branches					

No Photos

LM Start	5.32	Rating **	M	Issue No.	4
LM End	5.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.194553 °	38.193794 °
				-121.561388 °	-121.562529 °
DWR ID	DWR_RD0556_02_f _ 2020_4				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
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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Reclamation District No. 0556 Upper Andrus

* 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 - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	5.58	Rating **	A/W	Issue No.	80
LM End	5.72	Issue Type +	Ob	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.192530 °	38.191865 °
				-121.565352 °	-121.567757 °
DWR ID	DWR_RD0556_02_f_2019_80				
Comment Code					
V8 : Environmental Requirements.					
Inspector Comment					
This is a DWR Revegetation Site.					

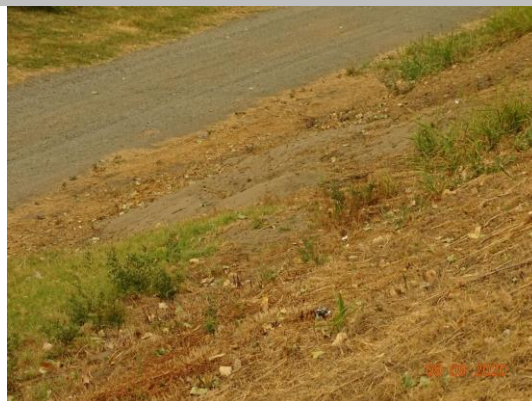
Photo 1 of 1 : FA_2020_RD0556_19_80_20200909_00054.jpg



View of environmental mitigation sign on the waterside slope. The sign is mostly obscured by vegetation (Fall 2019).

LM Start	5.64	Rating **	U	Issue No.	79
LM End	5.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.192237 °	38.192237 °
				-121.566368 °	-121.566368 °
DWR ID	DWR_RD0556_02_f_2018_79				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
More than 2 cubic feet of soil was removed between the two large burrow holes.					

Photo 1 of 1 : FA_2020_RD0556_19_79_20200911_00067.jpg



View looking downstream at burrow holes on the landside slope (Fall 2020).

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

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

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