

**Flood Control Project Maintenance
Levee Inspections**

Fall 2015 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

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	3.43	13.01	55.47	495.25%	0.33				
Trim / Thin Trees	2.74	1.05	6.94	61.96%					
Encroachments		0.02	0.08	0.71%	0.62	0.12			
Animal Control	3.34		3.34	29.82%					
Erosion / Bank Caving	0.02		0.02	0.18%					
Operations & Maintenance Manuals	0.11		0.11	0.98%					
Emergency Supplies & Equipment	0.11		0.11	0.98%					
Flood Preparedness & Training	0.11		0.11	0.98%					
<i>Supplemental</i>									
2015 USACE Erosion Survey, DRAFT	1.32		1.32	11.79%					
DWR UCIP Field Study					0.22	0.02			
<i>LMA Totals:</i>	11.19	14.08	67.51	602.74%	1.17	0.14	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	1.34	5.33	22.66	413.32%	0.05				
Trim / Thin Trees	0.01	1.05	4.21	76.79%					
Encroachments		0.02	0.08	1.46%	0.39	0.11			
Animal Control	3.34		3.34	60.92%					
Erosion / Bank Caving	0.02		0.02	0.37%					
<i>Supplemental</i>									
2015 USACE Erosion Survey, DRAFT	0.15		0.15	2.74%					
DWR UCIP Field Study					0.11	0.01			
<i>Unit Totals:</i>	4.86	6.40	30.46	555.59%	0.55	0.12	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	2.09	7.68	32.81	573.80%	0.28				
Trim / Thin Trees	2.73		2.73	47.74%					
Encroachments					0.23	0.01			
<i>Supplemental</i>									
2015 USACE Erosion Survey, DRAFT	1.17		1.17	20.46%					
DWR UCIP Field Study					0.11	0.01			
<i>Unit Totals:</i>	5.99	7.68	36.71	642.00%	0.62	0.02	0.00	0.00	

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

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

Fall 2015 Levee Inspection Results

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	04/29/2015 - 04/29/2015		09/25/2015 - 09/25/2015	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	DuWain Silva RD 556		DuWain Silva RD 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 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/25/2015 09/25/2015	Herman Phillips

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

No Photos

LM Start		Rating **	M	Issue No.	6
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals		°	°	°
DWR ID	DWR_RD0556_01_s_2012_6				
Action/Comments					
Inspector Comments: District president has the O&M Manual.					

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_2014_8				
Action/Comments					
Inspector Comments: 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 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/25/2015 09/25/2015	Herman Phillips

LM Start	Rating **	M	Issue No.	390
LM End	Issue Type +	En	Location *	N/A
Category	Supplemental	GPS Latitude/Longitude		
		Start	End	
Item	DWR UCIP Field Study	38.227534 °	38.227534 °	
		-121.529396 °	-121.529396 °	
DWR ID				
Action/Comments				
Inspector Comments: FS_ID:46799 DS_ID:25106 EP_NO: N/A FS_HLM: 1.16 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Possible erosion above pipe on LS needs attention. FIELD_STRUCT_DESC: 8-inch steel irrigation pipe unknown feet below crown visible on LS 6 ft away from 10-inch pipe. Post likely for protection of vent located off the crown on shoulder. Electric pole next to pipe on LS. FS Date: 05/27/2015				

Photo 1 of 3 : UCIP_FA_2015_4404.jpg



LS view: 8-inch pipe off LS slope with possible erosion above pipe (circled).

LM Start	Rating **	M	Issue No.	390 (cont)
LM End	Issue Type +	En	Location *	N/A

Photo 2 of 3 : UCIP_FA_2015_4405.jpg



LS view: Post located above pipe on LS 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 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/25/2015 09/25/2015	Herman Phillips

LM Start		Rating **	M	Issue No.	390 (cont)
LM End		Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.227534 °	38.227534 °
				-121.529396 °	-121.529396 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:46799 DS_ID:25106 EP_NO: N/A FS_HLM: 1.16 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_4406.jpg



Electric pole next to pipe on LS.

LM Start	0.07	Rating **	M	Issue No.	381
LM End	1.27	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.238169 °	38.227962 °
				-121.518199 °	-121.531170 °
DWR ID	DWR_RD0556_01_f_2013_381				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Remove the growth from the water side levee slope.					

No Photos

LM Start	0.16	Rating **	M	Issue No.	11
LM End	0.16	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.236755 °	38.236755 °
				-121.518100 °	-121.518098 °
DWR ID	DWR_RD0556_01_f_2015_11				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Control the vegetation on the landside slope.					

No Photos

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/25/2015 09/25/2015	Herman Phillips

LM Start	0.43	Rating **	M	Issue No.	391 (cont)
LM End	0.43	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.233537 °	38.233537 °
				-121.520483 °	-121.520483 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:45564
 DS_ID:20820
 EP_NO: 3448
 FS_HLM: 0.43
 Repair Type: Non-Urgent
 Crossing Status: Indicator Found
 UCIP Comments: Dense vegetation inhibited visibility of gasline marker on WS. Need to contact owner to determine status of crossing.
 FIELD_STRUCT_DESC: 4-1/2-inch steel pipe gas line through levee, 4.0 feet below the crown. Location marker on waterward shoulder. (App. 3448-PG&E pipe not located 2/91). Cut in pavement visible at crossing. Gasline marker on LS and opposite bank at RD 263.
 FS Date: 05/27/2015

LM Start	0.43	Rating **	M	Issue No.	391 (cont)
LM End	0.43	Issue Type +	En	Location *	LS

Photo 2 of 4 : UCIP_FA_2015_5799.jpg



View of WS. Dense vegetation limited visibility of 'No Trespassing' sign.

Photo 3 of 4 : UCIP_FA_2015_6321.jpg



View of WS; cut in pavement in alignment with arrow and Olivia indicating location of crossing trench.

* 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**

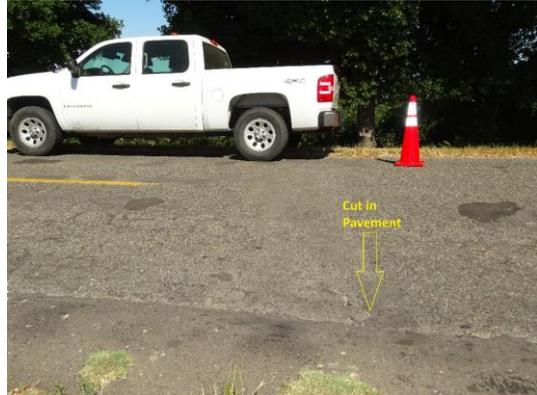
Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/25/2015 09/25/2015	Herman Phillips

LM Start	0.43	Rating **	M	Issue No.	391 (cont)
LM End	0.43	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.233537 °	38.233537 °
				-121.520483 °	-121.520483 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:45564 DS_ID:20820 EP_NO: 3448 FS_HLM: 0.43 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 4 of 4 : UCIP_FA_2015_6322.jpg



View of LS. Cut in pavement in alignment with tree on LS and arrow.

LM Start	0.53	Rating **	M	Issue No.	392
LM End	0.53	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.232450 °	38.232450 °
				-121.521624 °	-121.521624 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:45663 DS_ID:20821 EP_NO: 5548 FS_HLM: 0.53 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation prevents inspection of WS slope. FIELD_STRUCT_DESC: 12-inch steel pipe through levee, 5.0 feet below crown. 1-1/4-inch electrical conduit through the levee. Concrete steps on landward slope. Pump off landward toe. Cuts visible on pavement. (App. 5548). FS Date: 05/13/2015					

Photo 1 of 3 : UCIP_FA_2015_6323.jpg



Concrete steps on LS 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 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/25/2015 09/25/2015	Herman Phillips

LM Start	0.53	Rating **	M	Issue No.	392 (cont)
LM End	0.53	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.232450 °	38.232450 °
				-121.521624 °	-121.521624 °
DWR ID					

Action/Comments
 Inspector Comments: FS_ID:45663
 DS_ID:20821
 EP_NO: 5548
 FS_HLM: 0.53
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: Dense vegetation prevents inspection of WS slope.
 FIELD_STRUCT_DESC: 12-inch steel pipe through levee, 5.0 feet below crown. 1-1/4-inch electrical conduit through the levee. Concrete steps on landward slope. Pump off landward toe. Cuts visible on pavement. (App. 5548).
 FS Date: 05/13/2015

LM Start	0.53	Rating **	M	Issue No.	392 (cont)
LM End	0.53	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_FA_2015_6325.jpg



View of WS with cuts visible on pavement.

Photo 3 of 3 : UCIP_FA_2015_6326.jpg



Pump and pipe into levee off LS 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 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/25/2015 09/25/2015	Herman Phillips

LM Start	0.54	Rating **	M	Issue No.	393
LM End	0.54	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.232354 °	38.232354 °
				-121.521727 °	-121.521727 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:45664 DS_ID:20826 EP_NO: 5548A FS_HLM: 0.54 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 2 : UCIP_FA_2015_6324.jpg



View of WS with cuts visible on pavement.

LM Start	0.54	Rating **	M	Issue No.	393 (cont)
LM End	0.54	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_FA_2015_6376.jpg



View of LS with standpipe visible behind tree.

* 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 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/25/2015 09/25/2015	Herman Phillips

LM Start	0.68	Rating **	U	Issue No.	376
LM End	0.90	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.230785 °	38.228602 °	
			-121.523470 °	-121.526289 °	
DWR ID	DWR_RD0556_01_s_2014_376				
Action/Comments					
Trees / Woody Vegetation Inspector Comments: District should remove these unwanted fig trees from the landside slope, unable to see ground.					

Photo 1 of 1 : FA_2015_RD0556_18_376_20150915_00018.jpg



Remove unwanted fig trees present on the landside slope.

LM Start	0.80	Rating **	M	Issue No.	12
LM End	3.36	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.229459 °	38.208959 °	
			-121.524805 °	-121.541368 °	
DWR ID	DWR_RD0556_01_s_2012_12				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	0.93	Rating **	U	Issue No.	10
LM End	1.54	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.228295 °	38.225368 °	
			-121.526688 °	-121.534677 °	
DWR ID	DWR_RD0556_01_f_2015_10				
Action/Comments					
Trim trees to at least five feet above ground level. Inspector Comments: Remove the woody tree growth from the landside levee section.					

Photo 1 of 1 : FA_2015_RD0556_18_10_20151007_00029.jpg



Unsatisfactory woody tree growth on the landside 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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/25/2015 09/25/2015	Herman Phillips

LM Start	1.17	Rating **	M	Issue No.	394
LM End	1.17	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.227568 °	38.227568 °
				-121.529489 °	-121.529489 °
DWR ID					

Action/Comments
 Inspector Comments: FS_ID:45683
 DS_ID:20823
 EP_NO: 11169
 FS_HLM: 1.17
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: Appears abandoned in place and if so should be done so properly. Dense vegetation on WS limits visibility.
 FIELD_STRUCT_DESC: 10-inch pipe through levee, 3.8 feet below crown. (Lower end of rock revetment)(ABO 11169 - Mealer and 4848).
 Abandoned in place. O&M Manual Sac 103, June 1954
 FS Date: 05/27/2015

Photo 1 of 3 : UCIP_FA_2015_6377.jpg



LS view of pipe appearing abandoned in place.

LM Start	1.17	Rating **	M	Issue No.	394 (cont)
LM End	1.17	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_FA_2015_6378.jpg



Closeup of abandoned pipe.

* 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 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/25/2015 09/25/2015	Herman Phillips

LM Start	1.17	Rating **	M	Issue No.	394 (cont)
LM End	1.17	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.227568 °	38.227568 °
				-121.529489 °	-121.529489 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:45683 DS_ID:20823 EP_NO: 11169 FS_HLM: 1.17 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_6379.jpg



View up LS slope. 10" pipe (not visible) rests next to (visible) 8" pipe.

LM Start	1.33	Rating **	M	Issue No.	395
LM End	1.33	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.227622 °	38.227622 °
				-121.532154 °	-121.532154 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:45692 DS_ID:20825 EP_NO: 13302 FS_HLM: 1.32 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 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. FIELD_STRUCT_DESC: 6-inch steel pipe and 2-inch GI electrical conduit through levee 2 feet below crown; roadway with siphon valve on landward shoulder. Concrete stand and pump on landward toe; circuit box also. Cuts visible on pavement. 6-inch PVC standpipe adjacent to pipe off LS toe. (Kay Dix Ranch App. 13302). O&M Manual Sac 103, June 1954 FS Date: 05/27/2015					

Photo 1 of 1 : UCIP_FA_2015_5797.jpg



Pipe, standpipe, electrical box at LS toe. Pumphouse in bush behind electrical box.

* 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 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/25/2015 09/25/2015	Herman Phillips

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				
Action/Comments					
Debris Inspector Comments: Remove the pile of asphalt and concrete from the toe of levee.					

Photo 1 of 1 : FA_2015_RD0556_18_27_20151006_00024.jpg



Unauthorized pile of asphalt and concrete dumped on the landside levee toe.

LM Start	1.37	Rating **	M	Issue No.	29
LM End	1.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.227320 °	38.227216 °	
			-121.532707 °	-121.532870 °	
DWR ID	DWR_RD0556_01_s_2013_29				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

No Photos

LM Start	1.37	Rating **	U	Issue No.	71
LM End	1.55	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.227320 °	38.225285 °	
			-121.532710 °	-121.534787 °	
DWR ID	DWR_RD0556_01_f_2015_71				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Remove the unsatisfactory wild growth of roses from the levee section.					

Photo 1 of 1 : FA_2015_RD0556_18_71_20151006_00022.jpg



Looking downstream from levee mile 1.27- 1.55 wild roses on waterside slope and 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 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/25/2015 09/25/2015	Herman Phillips

LM Start	1.57	Rating **	M	Issue No.	396
LM End	1.57	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.225001 °	38.225001 °
				-121.535007 °	-121.535007 °
DWR ID					

Action/Comments
 Inspector Comments: FS_ID:45743
 DS_ID:20827
 EP_NO: 11169
 FS_HLM: 1.56
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: Dense vegetation on LS and WS limited accessibility.
 FIELD_STRUCT_DESC: 8-inch steel pipe through levee, 3.5 feet below crown. Pump and gate valve on WS berm. 2-inch electrical conduit into WS slope. A 36-inch concrete standpipe and concrete block step on Landward Slope. (Listed as 10-inch in ABO 11169 - Mealer). O&M Manual Sac 103, June 1954
 FS Date: 05/27/2015

Photo 1 of 2 : UCIP_FA_2015_5800.jpg



Concrete standpipe and steps off LS toe.

LM Start	1.57	Rating **	M	Issue No.	396 (cont)
LM End	1.57	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_FA_2015_5801.jpg



Service pole next to standpipe off LS 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 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/25/2015 09/25/2015	Herman Phillips

LM Start	1.74	Rating **	U	Issue No.	74
LM End	2.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.224198 °	38.220317 °	
			-121.537987 °	-121.544172 °	
DWR ID	DWR_RD0556_01_f_2015_74				
Action/Comments					
Trees / Woody Vegetation Inspector Comments: This arundo needs to be removed, this vegetation blocks the view of the waterside slope.					

Photo 1 of 1 : FA_2015_RD0556_18_74_20151006_00027.jpg



Levee mile 1.74-2.00 waterside wild growth of arundo present on levee shoulder and slope, unable to see the ground.

LM Start	1.79	Rating **	M	Issue No.	397
LM End	1.79	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.223999 °	38.223999 °	
			-121.538735 °	-121.538735 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:45746 DS_ID:20828 EP_NO: 3735 FS_HLM: 1.78 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Dense vegetation on LS and WS limited accessibility. FIELD_STRUCT_DESC: 4-inch electric conduit through levee, 4.0 feet below the crown. Pump on berm. Underground submarine cable crossing. (App. 3735-PG&E). Electric pole on LS in alignment with cuts in pavement. FS Date: 05/27/2015					

Photo 1 of 3 : UCIP_FA_2015_5802.jpg



View of WS and cuts in 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 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/25/2015 09/25/2015	Herman Phillips

LM Start	1.79	Rating **	M	Issue No.	397 (cont)
LM End	1.79	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.223999 °	38.223999 °
				-121.538735 °	-121.538735 °
DWR ID					

Action/Comments
 Inspector Comments: FS_ID:45746
 DS_ID:20828
 EP_NO: 3735
 FS_HLM: 1.78
 Repair Type: Non-Urgent
 Crossing Status: Indicator Found
 UCIP Comments: Dense vegetation on LS and WS limited accessibility.
 FIELD_STRUCT_DESC: 4-inch electric conduit through levee, 4.0 feet below the crown. Pump on berm. Underground submarine cable crossing. (App. 3735-PG&E). Electric pole on LS in alignment with cuts in pavement.
 FS Date: 05/27/2015

LM Start	1.79	Rating **	M	Issue No.	397 (cont)
LM End	1.79	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_FA_2015_5847.jpg



Cuts in pavement in alignment with electric pole off LS toe.

Photo 3 of 3 : UCIP_FA_2015_5848.jpg



Pipe debris present at LS toe.

* 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 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/25/2015 09/25/2015	Herman Phillips

LM Start	1.89	Rating **	M	Issue No.	398
LM End	1.89	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.223760 °	38.223760 °
				-121.540629 °	-121.540629 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:45764 DS_ID:20829 EP_NO: 11178 FS_HLM: 1.88 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP_FA_2015_5849.jpg



LS view: service pole on LW slope. Standpipe not visible in photo.

LM Start	1.89	Rating **	M	Issue No.	398 (cont)
LM End	1.89	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_FA_2015_5850.jpg



Pole on LS slope with electric box and 2-inch conduit.

* 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 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/25/2015 09/25/2015	Herman Phillips

LM Start	1.89	Rating **	M	Issue No.	398 (cont)
LM End	1.89	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.223760 °	38.223760 °
				-121.540629 °	-121.540629 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:45764 DS_ID:20829 EP_NO: 11178 FS_HLM: 1.88 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_5851.jpg



Standpipe on LS next to service pole.

LM Start	2.13	Rating **	M	Issue No.	399
LM End	2.13	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.222560 °	38.222560 °
				-121.544485 °	-121.544485 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:45786 DS_ID:20830 EP_NO: 2392 FS_HLM: 2.13 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Hole and exposed depression adjacent to pipe at LS. Dense vegetation on WS and LS limited visibility. FIELD_STRUCT_DESC: 12 inch steel irrigation pipe through levee, 3.0 feet below crown. Slant pump on bank. 1-inch electrical conduit through levee beside 12-inch pipe, visible on WS. Service pole and 2 standpipes at LW toe, one of which is a 6-inch standpipe. (App. 2392 - Swett) FS Date: 05/27/2015					

Photo 1 of 3 : UCIP_FA_2015_5858.jpg



WS view: Slant pump, 12-inch and 1-inch pipe through levee.

* 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 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/25/2015 09/25/2015	Herman Phillips

LM Start	2.13	Rating **	M	Issue No.	399 (cont)
LM End	2.13	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.222560 °	38.222560 °
				-121.544485 °	-121.544485 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:45786 DS_ID:20830 EP_NO: 2392 FS_HLM: 2.13 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Hole and exposed depression adjacent to pipe at LS. Dense vegetation on WS and LS limited visibility. FIELD_STRUCT_DESC: 12 inch steel irrigation pipe through levee, 3.0 feet below crown. Slant pump on bank. 1-inch electrical conduit through levee beside 12-inch pipe, visible on WS. Service pole and 2 standpipes at LW toe, one of which is a 6-inch standpipe. (App. 2392 - Swett) FS Date: 05/27/2015					

Photo 2 of 3 : UCIP_FA_2015_5859.jpg



View toward WS with cuts in pavement in alignment with pipe on WS

LM Start	2.13	Rating **	M	Issue No.	399 (cont)
LM End	2.13	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP_FA_2015_5860.jpg



LS: 2 standpipes and service pole.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/25/2015 09/25/2015	Herman Phillips

LM Start	2.32	Rating **	U	Issue No.	24
LM End	2.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.219822 °	38.219592 °	
			-121.544000 °	-121.543927 °	
DWR ID	DWR_RD0556_01_s_2012_24				
Action/Comments					
Trees / Woody Vegetation Inspector Comments: Unable to see the levee section for heavy growth of trees. Remove them or thin them out so the ground can be seen.					

Photo 1 of 1 : FA_2015_RD0556_18_24_20151007_00028.jpg



Unsatisfactory woody tree growth of Fig trees blocking the view of both the shoulder and slope landward.

LM Start	2.42	Rating **	U	Issue No.	47
LM End	2.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.218426 °	38.217846 °	
			-121.543800 °	-121.543796 °	
DWR ID	DWR_RD0556_01_f_2012_47				
Action/Comments					
Trees / Woody Vegetation Inspector Comments: This section of trees need to be removed from levee section, visibility completely blocked.					

Photo 1 of 1 : FA_2015_RD0556_18_47_20150915_00009.jpg



Unsatisfactory tree growth completely blocking visibility of the levee section at this location.

LM Start	2.43	Rating **	M	Issue No.	28
LM End	2.70	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.218373 °	38.215230 °	
			-121.543847 °	-121.541147 °	
DWR ID	DWR_RD0556_01_s_2012_28				
Action/Comments					
Building					

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 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/25/2015 09/25/2015	Herman Phillips

LM Start	2.43	Rating **	U	Issue No.	400
LM End	2.43	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.218242 °	38.218242 °
				-121.543807 °	-121.543807 °
DWR ID					

Action/Comments
 Inspector Comments: FS_ID:45803
 DS_ID:20831
 EP_NO: 11169
 FS_HLM: 2.43
 Repair Type: Urgent
 Crossing Status: Found
 UCIP Comments: 2'x2' hole on levee off LS shoulder.
 FIELD_STRUCT_DESC: 8 inch steel irrigation pipe through levee, 3.7 feet below crown. Pump and switch panel on berm. Service pole on landward side. A 9 ft x 36-inch concrete standpipe on landside of the levee. 3 cables encased in 1.5-inch steel pipe at WS alongside 8-inch pipe, disconnected at WS. (ABO 11169-Mealer). O&M Manual Sac 103, June 1954.
 FS Date: 05/27/2015

Photo 1 of 2 : UCIP_FA_2015_6380.jpg



Pipe, pump @LS toe. 2'x2' hole off shoulder. Spigot in hole possibly for irrigation. House and service pole in background.

LM Start	2.43	Rating **	U	Issue No.	400 (cont)
LM End	2.43	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_FA_2015_6381.jpg



Closeup of 8-inch pipe, electrical conduit and box at LS berm.

* 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 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/25/2015 09/25/2015	Herman Phillips

LM Start	2.49	Rating **	M	Issue No.	389
LM End	2.49	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.217453 °	38.217453 °
				-121.543754 °	-121.543754 °
DWR ID	DWR_RD0556_01_f_2013_389				
Action/Comments					
Fence					

No Photos

LM Start	2.71	Rating **	M	Issue No.	401
LM End	2.71	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.215222 °	38.215222 °
				-121.540950 °	-121.540950 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:45883 DS_ID:20848 EP_NO: 11167 FS_HLM: 2.7 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears out of use; if so, coordinate with owner to abandon properly per Title 23. FIELD_STRUCT_DESC: 8-inch steel casing with 3-inch steel irrigation pipeline sleeved through it, 3.0 feet below crown. Annular space appears grouted. 3-inch pipe connected to pump on WS. Gate valve on waterward berm. Pipe not in use. PVC standpipe off LS toe (previously 6'x36" concrete standpipe). (ABO 11167 - Graham). O&M Manual Sac 103, June 1954 FS Date: 06/05/2015					

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 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/25/2015 09/25/2015	Herman Phillips

LM Start	2.96	Rating **	M	Issue No.	63
LM End	2.99	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.212661 °	38.212328 °	
			-121.537633 °	-121.537318 °	
DWR ID	DWR_RD0556_01_s_2013_63				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	3.12	Rating **	U	Issue No.	78
LM End	3.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.211090 °	38.210927 °	
			-121.537983 °	-121.538473 °	
DWR ID	DWR_RD0556_01_f_2015_78				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Remove the arundo from the levee slope waterside.					

Photo 1 of 1 : FA_2015_RD0556_18_78_20151007_00039.jpg



Looking downstream from waterside shoulder, arundo blocking view of levee section.

LM Start	3.13	Rating **	M	Issue No.	62
LM End	3.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.211060 °	38.210913 °	
			-121.538132 °	-121.538462 °	
DWR ID	DWR_RD0556_01_f_2014_62				
Action/Comments					
Repair the levee slope damaged by livestock and prevent large animal access. Inspector Comments: Possible beaver den in area and there signs of activity at this location.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ 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 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/25/2015 09/25/2015	Herman Phillips

LM Start	3.17	Rating **	U	Issue No.	79
LM End	3.28	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.210823 °	38.209983 °	
			-121.538813 °	-121.540533 °	
DWR ID	DWR_RD0556_01_f_2015_79				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Remove the unsatisfactory growth of vegetation from the levee section.					

Photo 1 of 1 : FA_2015_RD0556_18_79_20151007_00038.jpg



Unsatisfactory woody tree growth and arundo blocking view of landside levee shoulder and slope.

LM Start	3.32	Rating **	U	Issue No.	80
LM End	3.92	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.209497 °	38.201645 °	
			-121.540917 °	-121.542198 °	
DWR ID	DWR_RD0556_01_f_2015_80				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Remove this unsatisfactory growth from the waterside so the slope can be inspected.					

Photo 1 of 1 : FA_2015_RD0556_18_80_20151007_00037.jpg



Looking downstream from levee mile 3.32-3.92 waterside unsatisfactory growth of willows blocks the view of the slope.

LM Start	3.46	Rating **	U	Issue No.	23
LM End	3.46	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.207585 °	38.207585 °	
			-121.541655 °	-121.541655 °	
DWR ID	DWR_RD0556_01_f_2015_23				
Action/Comments					
Debris Inspector Comments: Remove discarded concrete pipe and plant containers from the levee section.					

Photo 1 of 1 : FA_2015_RD0556_18_23_20151007_00033.jpg



At this location the landowner has discarded concrete pipe and plant containers on the waterside levee shoulder.

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/25/2015 09/25/2015	Herman Phillips

LM Start	3.53	Rating **	U	Issue No.	83
LM End	4.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.206568 °	38.200653 °
				-121.541810 °	-121.544667 °
DWR ID	DWR_RD0556_01_f_2015_83				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Thin out this growth of trees to allow viewing the levee slope and shoulder.					

Photo 1 of 1 : FA_2015_RD0556_18_83_20151007_00034.jpg



Looking downstream from the landside slope unsatisfactory woody tree growth blocking view of levee section.

LM Start	3.94	Rating **	U	Issue No.	70
LM End	4.01	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.201515 °	38.201105 °
				-121.542573 °	-121.543720 °
DWR ID	DWR_RD0556_01_f_2014_70				
Action/Comments					
Crops Inspector Comments: Remove the unauthorized planter boxes repack earth materials back on slope.					

Photo 1 of 2 : FA_2015_RD0556_18_70_20150915_00016.jpg



Continue placement of unauthorized planter boxes into levee slope waterside.

LM Start	3.94	Rating **	U	Issue No.	70 (cont)
LM End	4.01	Issue Type +	En	Location *	WS

Photo 2 of 2 : FA_2015_RD0556_18_70_20150915_00017.jpg



Landowner has dug into waterward slope and placed planterboxes.

* 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 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/25/2015 09/25/2015	Herman Phillips

LM Start	3.95	Rating **	M	Issue No.	86
LM End	4.06	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.201475 °	38.200617 °	
			-121.542832 °	-121.544530 °	
DWR ID	DWR_RD0556_01_s_2012_86				
Action/Comments					
Building Inspector Comments: There is a remodeled home on waterward berm. The CVFPB is aware of the structure. A permit has been secured by land owner for the dwelling.					

No Photos

LM Start	4.02	Rating **	C	Issue No.	4
LM End	4.05	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.201028 °	38.200801 °	
			-121.543930 °	-121.544400 °	
DWR ID	DWR_RD0556_01_s_2014_4				
Action/Comments					
Abandoned vehicles Inspector Comments: The levee is used to store vehicles at this location. There are lots of issues going on at this location, storing vehicles just happens to be one of them. Notice of violation needs to be issued to landowner.					

No Photos

LM Start	4.04	Rating **	M	Issue No.	59
LM End	4.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.200897 °	38.192662 °	
			-121.544350 °	-121.553160 °	
DWR ID	DWR_RD0556_01_f_2012_59				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

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 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/25/2015 09/25/2015	Herman Phillips

LM Start	4.07	Rating **	U	Issue No.	66
LM End	5.47	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.200659 °	38.186542 °	
			-121.544711 °	-121.562411 °	
DWR ID	DWR_RD0556_01_s_2013_66				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Remove the wild berries from the slope and toe of the levee section along with the tall weeds.					

Photo 1 of 1 : FA_2015_RD0556_18_66_20150915_00012.jpg



Unwanted tall weeds and berries growing on the landside slope and toe.

LM Start	4.07	Rating **	U	Issue No.	67
LM End	5.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.200658 °	38.186464 °	
			-121.544711 °	-121.562550 °	
DWR ID	DWR_RD0556_01_s_2013_67				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Remove the wild weed growth and Arundo from the waterside levee section.					

Photo 1 of 1 : FA_2015_RD0556_18_67_20151007_00032.jpg



Looking downstream on waterside the arundo completely covering the levee section.

LM Start	5.12	Rating **	M	Issue No.	1
LM End	5.27	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2015 USACE Erosion Survey, DRAFT		38.189775 °	38.188121 °	
			-121.557729 °	-121.559413 °	
DWR ID					
Action/Comments					
Inspector Comments: 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. 2015: Last observed in 2013. [2015 Site ID: GEO_7-0_R]					

Photo 1 of 1 : USACE2013A_GEO_7-0_R_7.jpg



USACE 2013 Photo #1

* Location LS : Land Side 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/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2015 Levee Inspection Results

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	04/29/2015 - 04/29/2015		11/06/2015 - 11/06/2015	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	Mr. DuWain Silva RD 556		Mr. DuWain Silva RD 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 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	11/06/2015 11/06/2015	Herman Phillips

LM Start	0.00	Rating **	U	Issue No.	82
LM End	2.47	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.200550 °	38.234418 °	
			-121.544190 °	-121.557940 °	
DWR ID	DWR_RD0556_02_s_2013_82				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Waterside levee slope and shoulder is covered with wild tree growth and other unsatisfactory vegetation.					

Photo 1 of 1 : FA_2015_RD0556_19_82_20151106_00028.jpg



RD 556 Levee mile 0.00 waterside looking downstream.

LM Start	0.02	Rating **	U	Issue No.	43
LM End	0.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.239165 °	38.237908 °	
			-121.518540 °	-121.527702 °	
DWR ID	DWR_RD0556_02_f_2015_43				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Remove the wild weeds from the landside slope and levee toe.					

Photo 1 of 1 : FA_2015_RD0556_19_43_20151106_00029.jpg



RD 556 Unit 2 looking downstream from the landside shoulder wild weeds present on the levee slope and toe.

LM Start	0.31	Rating **	M	Issue No.	12
LM End	0.60	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2015 USACE Erosion Survey, DRAFT		38.238784 °	38.237862 °	
			-121.523932 °	-121.529188 °	
DWR ID					
Action/Comments					
Inspector Comments: 2002 - Two rock sections (150 ft long) at the downstream end. 2005 - Lots of old brush boxes, some with established vegetation in the area behind the boxes. 2006 - Some small spots fixed with stone. 2009 - Minimal new erosion, rock in the middle of the reach may be new. 2011 - Minor new erosion at the toe. 2013 - Minor new erosion. 2015: Site is currently under construction. [2015 Site ID: SAC_26-0_L]					

Photo 1 of 1 : USACE2013A_SAC_26-0_L_18.jpg



USACE 2013 Photo #1

* Location LS : Land Side 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/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	11/06/2015 11/06/2015	Herman Phillips

LM Start	0.57	Rating **	U	Issue No.	66
LM End	1.35	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.237752 °	38.239821 °
				-121.528593 °	-121.542440 °
DWR ID	DWR_RD0556_02_f_2015_66				
Action/Comments					
Trees / Woody Vegetation Inspector Comments: Remove the wild growth and trim the trees off the levee slope.					

Photo 1 of 1 : FA_2015_RD0556_19_66_20151106_00030.jpg



Looking downstream from the landside levee slope levee mile ,0.57.

LM Start	0.94	Rating **	M	Issue No.	90
LM End	0.94	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.238125 °	38.238125 °
				-121.535267 °	-121.535267 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:12512 DS_ID:20851 EP_NO: 11186 FS_HLM: 0.94 Repair Type: Non-Urgent 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 pipe through levee, 4.3-feet below crown. Pump in pump house on berm. Siphon breaker and service pole on landward slope. A concrete spillbox with 3-8-inch openings. (ABO #11186 - Marks). O&M Manual Sac 103, June 1954. FS Date: 04/25/2013					

Photo 1 of 3 : UCIP_FA_2015_0903.jpg



WS- pipe daylight from the pump house.

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	11/06/2015 11/06/2015	Herman Phillips

LM Start	0.94	Rating **	M	Issue No.	90 (cont)
LM End	0.94	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.238125 °	38.238125 °
				-121.535267 °	-121.535267 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:12512
 DS_ID:20851
 EP_NO: 11186
 FS_HLM: 0.94
 Repair Type: Non-Urgent
 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 pipe through levee, 4.3-feet below crown. Pump in pump house on berm. Siphon breaker and service pole on landward slope. A concrete spillbox with 3-8-inch openings. (ABO #11186 - Marks). O&M Manual Sac 103, June 1954.
 FS Date: 04/25/2013

LM Start	0.94	Rating **	M	Issue No.	90 (cont)
LM End	0.94	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_FA_2015_0904.jpg



LS- steel pipe on a concrete box

Photo 3 of 3 : UCIP_FA_2015_0905.jpg



WS- pump house on levee berm

* 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 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	11/06/2015 11/06/2015	Herman Phillips

LM Start	1.03	Rating **	M	Issue No.	2
LM End	1.15	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.238772 °	38.239265 °
				-121.536788 °	-121.538845 °
DWR ID					
Action/Comments					
Inspector Comments: 1997 - Rock is in poor condition and has failed in many places. Scallop 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. [2015 Site ID: SAC_25-2_L]					

Photo 1 of 1 : USACE2013A_SAC_25-2_L_9.jpg



USACE 2013 Photo #1

LM Start	1.22	Rating **	M	Issue No.	91
LM End	1.22	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.239327 °	38.239327 °
				-121.540190 °	-121.540190 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:12573 DS_ID:20852 EP_NO: 11187 FS_HLM: 1.22 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - gap between 6-inch pipe and 10-inch pipe needs to be sealed. FIELD_STRUCT_DESC: A 6-inch steel pipe sleeved through 10-inch pipe through levee, 4.8 feet below crown. Pump on waterside of the levee on river bank. (ABO #11187 Machado). FS Date: 04/25/2013					

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 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	11/06/2015 11/06/2015	Herman Phillips

LM Start	1.35	Rating **	U	Issue No.	76
LM End	1.37	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.239820 °	38.239905 °	
			-121.542502 °	-121.542778 °	
DWR ID	DWR_RD0556_02_f_2015_76				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Remove the bambo from the landside levee slope.					

Photo 1 of 1 : FA_2015_RD0556_19_76_20151106_00031.jpg



Unsatisfactory growth of bambo on the landside shoulder.

LM Start	1.37	Rating **	M	Issue No.	42
LM End	2.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.239905 °	38.232545 °	
			-121.542780 °	-121.557110 °	
DWR ID	DWR_RD0556_02_f_2012_42				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	1.45	Rating **	M	Issue No.	5
LM End	1.59	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2015 USACE Erosion Survey, DRAFT		38.240401 °	38.240772 °	
			-121.544106 °	-121.546791 °	
DWR ID					
Action/Comments					
Inspector Comments: 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. 2015: No observed changes. [2015 Site ID: SAC_24-8_L]					

Photo 1 of 1 : USACE2013A_SAC_24-8_L_9.jpg



USACE 2013 Photo #1

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	11/06/2015 11/06/2015	Herman Phillips

LM Start	2.28	Rating **	U	Issue No.	1
LM End	2.28	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.237156 °	38.237156 °	
			-121.557640 °	-121.557640 °	
DWR ID	DWR_RD0556_02_f_2015_1				
Action/Comments					
Tree or limb Inspector Comments: These unauthorized planted redwoods has been reported in the past inspections, the District need to have the owner remove them from the levee slope.					

Photo 1 of 1 : FA_2015_RD0556_19_1_20151110_00037.jpg



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

LM Start	2.41	Rating **	M	Issue No.	92
LM End	2.41	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.235261 °	38.235261 °	
			-121.558059 °	-121.558059 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:12574 DS_ID:20859 EP_NO: 11181 FS_HLM: 2.411 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - Needs to clean CMP riser for proper functioning of siphon breaker. FIELD_STRUCT_DESC: A 10-inch steel irrigation pipe through levee, 5.8 feet below crown. Pump and gate valve in pump house on waterward slope. Siphon breaker and service pole on landward slope. (ABO #11181- Collins.). O&M Manual Sac 103, June 1954. FS Date: 04/25/2013					

Photo 1 of 3 : UCIP_FA_2015_0646.jpg



WS- power control panel and electric conduit 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	11/06/2015 11/06/2015	Herman Phillips

LM Start	2.41	Rating **	M	Issue No.	92 (cont)
LM End	2.41	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.235261 °	38.235261 °
				-121.558059 °	-121.558059 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:12574 DS_ID:20859 EP_NO: 11181 FS_HLM: 2.411 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - Needs to clean CMP riser for proper functioning of siphon breaker. FIELD_STRUCT_DESC: A 10-inch steel irrigation pipe through levee, 5.8 feet below crown. Pump and gate valve in pump house on waterward slope. Siphon breaker and service pole on landward slope. (ABO #11181- Collins.). O&M Manual Sac 103, June 1954. FS Date: 04/25/2013					

Photo 2 of 3 : UCIP_FA_2015_0647.jpg



WS- pump, and gate valve in pump house.

LM Start	2.41	Rating **	M	Issue No.	92 (cont)
LM End	2.41	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP_FA_2015_0648.jpg



WS- pump house on levee 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 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	11/06/2015 11/06/2015	Herman Phillips

LM Start	2.61	Rating **	U	Issue No.	80
LM End	3.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.232545 °	38.221512 °	
			-121.557112 °	-121.555715 °	
DWR ID	DWR_RD0556_02_f_2015_80				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Remove the wild growth from the landside levee slope.					

Photo 1 of 1 : FA_2015_RD0556_19_80_20151106_00033.jpg



Looking downstream landside at wild roses bamboo and other growth covering the slope.

LM Start	2.69	Rating **	M	Issue No.	81
LM End	2.69	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.231465 °	38.231465 °	
			-121.556490 °	-121.556490 °	
DWR ID	DWR_RD0556_02_f_2015_81				
Action/Comments					
Tree or limb					

No Photos

LM Start	2.70	Rating **	M	Issue No.	9
LM End	5.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.231444 °	38.193523 °	
			-121.556393 °	-121.562812 °	
DWR ID	DWR_RD0556_02_s_2012_9				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					

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 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	11/06/2015 11/06/2015	Herman Phillips

LM Start	2.84	Rating **	M	Issue No.	93
LM End	2.84	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.229524 °	38.229524 °
				-121.555404 °	-121.555404 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41713 DS_ID:20849 EP_NO: 11181 FS_HLM: 2.836 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - Needs to clean siphon breaker CMP riser. FIELD_STRUCT_DESC: A 6-inch pipe through levee, 6.0 feet below crown. Pressure tank in pump house on waterward berm. Service pole, siphon breaker and distribution box on landward slope. (ABO #11181 - Collins.) FS Date: 04/25/2013					

Photo 1 of 3 : UCIP_FA_2015_0637.jpg



LS- concrete distribution box near toe of the levee

Photo 2 of 3 : UCIP_FA_2015_0638.jpg



LS- siphon breaker in CMP riser on levee slope.

LM Start	2.84	Rating **	M	Issue No.	93 (cont)
LM End	2.84	Issue Type +	En	Location *	LS

* 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 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	11/06/2015 11/06/2015	Herman Phillips

LM Start	2.84	Rating **	M	Issue No.	93 (cont)
LM End	2.84	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.229524 °	38.229524 °
				-121.555404 °	-121.555404 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41713 DS_ID:20849 EP_NO: 11181 FS_HLM: 2.836 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_0639.jpg



WS- pump house on levee berm.

LM Start	2.93	Rating **	M	Issue No.	11
LM End	3.04	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.228202 °	38.226601 °
				-121.555502 °	-121.555605 °
DWR ID					
Action/Comments					
Inspector Comments: 1997 - Few scallops in berm, some getting close to levee toe. 2005 - Brush boxes present. 2012 - More erosion of the toe since last year. 2015: No observed changes. [2015 Site ID: SAC_23-3_L]					

Photo 1 of 1 : USACE2013A_SAC_23-3_L_2.jpg



USACE 2013 Photo #1

* 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 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	11/06/2015 11/06/2015	Herman Phillips

LM Start	3.07	Rating **	M	Issue No.	94
LM End	3.07	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.226225 °	38.226225 °
				-121.555236 °	-121.555236 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:12525 DS_ID:20862 EP_NO: N/A FS_HLM: 3.064 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - 9-inch steel pipe sleeved through 12-inch pipe.- needs to seal gap between two pipes. FIELD_STRUCT_DESC: A 9-inch steel pipe sleeved through 12-inch steel irrigation pipe through levee, 6.0 feet below crown. Pump on pile structure in stream. Steel walkway to pump, wood steps on waterward slope. Concrete spillbox with 2- 8 inch openings. (ABO #11193-Reid.). O&M Manual Sac 103, June 1954. FS Date: 04/25/2013					

Photo 1 of 3 : UCIP_FA_2015_0640.jpg



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

LM Start	3.07	Rating **	M	Issue No.	94 (cont)
LM End	3.07	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_FA_2015_0641.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 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	11/06/2015 11/06/2015	Herman Phillips

LM Start	3.07	Rating **	M	Issue No.	94 (cont)
LM End	3.07	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.226225 °	38.226225 °
				-121.555236 °	-121.555236 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:12525 DS_ID:20862 EP_NO: N/A FS_HLM: 3.064 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_0642.jpg



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

LM Start	3.16	Rating **	U	Issue No.	84
LM End	5.58	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.224918 °	38.192550 °
				-121.555422 °	-121.565230 °
DWR ID	DWR_RD0556_02_f_2015_84				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Control					

Photo 1 of 1 : FA_2015_RD0556_19_84_20151106_00032.jpg



Looking downstream from the waterside levee slope at the bambo and other unsatisfactory weeds covering the levee slope from 3.16 to 5.58.

LM Start	3.17	Rating **	M	Issue No.	10
LM End	3.28	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.224850 °	38.223233 °
				-121.555641 °	-121.555687 °
DWR ID					
Action/Comments					
Inspector Comments: 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 popout observed. 2015: No observed changes. [2015 Site ID: SAC_23-2_L]					

Photo 1 of 1 : USACE2013A_SAC_23-2_L_4.jpg



USACE 2013 Photo #1

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	11/06/2015 11/06/2015	Herman Phillips

LM Start	3.51	Rating **	M	Issue No.	95 (cont)
LM End	3.51	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.219851 °	38.219851 °
				-121.556129 °	-121.556129 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:12527
 DS_ID:20863
 EP_NO: 11181
 FS_HLM: 3.5067
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: - needs to fix siphon breaker
 FIELD_STRUCT_DESC: A 10-inch steel irrigation pipe through levee, 4.8 feet below crown. Steel walkway to pump on pile structure in stream. Siphon breaker on waterside and service pole on landward slope. A concrete spillbox with 2-15 inch openings on landside. (ABO # 11181- Collins.). O&M Manual Sac 103, June 1954.
 FS Date: 04/25/2013

LM Start	3.51	Rating **	M	Issue No.	95 (cont)
LM End	3.51	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_FA_2015_0755.jpg



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

Photo 3 of 3 : UCIP_FA_2015_0756.jpg



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

* 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 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	11/06/2015 11/06/2015	Herman Phillips

LM Start	3.58	Rating **	M	Issue No.	8
LM End	3.64	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.218951 °	38.218104 °
				-121.556689 °	-121.556819 °
DWR ID					
Action/Comments					
Inspector Comments: 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. 2015: No observed changes. [2015 Site ID: SAC_22-7_L]					

Photo 1 of 1 : USACE2013A_SAC_22-7_L_5.jpg



USACE 2013 Photo #1

LM Start	3.95	Rating **	M	Issue No.	4
LM End	4.12	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.213581 °	38.211112 °
				-121.557197 °	-121.557042 °
DWR ID					
Action/Comments					
Inspector Comments: 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. 2015: No observed changes. [2015 Site ID: SAC_22-5_L]					

Photo 1 of 1 : USACE2013A_SAC_22-5_L_13.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 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	11/06/2015 11/06/2015	Herman Phillips

LM Start	3.99	Rating **	M	Issue No.	96
LM End	3.99	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.213031 °	38.213031 °
				-121.556800 °	-121.556800 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:12543
 DS_ID:20864
 EP_NO: 11197
 FS_HLM: 3.9792
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: Electric control panel in pump house. Needs cleaning of CMP riser on landside.
 FIELD_STRUCT_DESC: A 6-inch steel irrigation pipe through levee 6.5 feet below crown. Slanted pump on steel pile structure in the stream, walkway to the pump, and gate valve in pump house on waterward slope. Siphon breaker and service poles on landward slope. Concrete standpipe on landside. (ABO #11197- Souza.). O&M Manual Sac 103, June 1954.
 FS Date: 04/25/2013

LM Start	3.99	Rating **	M	Issue No.	96 (cont)
LM End	3.99	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP_FA_2015_0757.jpg



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

Photo 2 of 3 : UCIP_FA_2015_0758.jpg



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

* 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 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	11/06/2015 11/06/2015	Herman Phillips

LM Start	3.99	Rating **	M	Issue No.	96 (cont)
LM End	3.99	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.213031 °	38.213031 °
				-121.556800 °	-121.556800 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:12543 DS_ID:20864 EP_NO: 11197 FS_HLM: 3.9792 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_0759.jpg



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

LM Start	3.99	Rating **	U	Issue No.	86
LM End	3.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.212918 °	38.212918 °
				-121.556848 °	-121.556848 °
DWR ID	DWR_RD0556_02_f_2015_86				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Remove the patch of bamboo from the landside shoulder.					

Photo 1 of 1 : FA_2015_RD0556_19_86_20151110_00034.jpg



Landside levee shoulder levee mile 3.99 RD 556 Unit 2.

LM Start	4.21	Rating **	U	Issue No.	87
LM End	4.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.209818 °	38.209638 °
				-121.556818 °	-121.556835 °
DWR ID	DWR_RD0556_02_f_2015_87				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Remove the unsatisfactory patch of bamboo from the landside levee shoulder and slope.					

Photo 1 of 1 : FA_2015_RD0556_19_87_20151110_00035.jpg



RD 556 Unit 2 looking downstream from the landside shoulder levee miles 4.21-4.22.

* Location LS : Land Side 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/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	11/06/2015 11/06/2015	Herman Phillips

LM Start	4.23	Rating **	M	Issue No.	15
LM End	4.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.209458 °	38.208936 °
				-121.556759 °	-121.556763 °
DWR ID	DWR_RD0556_02_s_2012_15				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	4.26	Rating **	M	Issue No.	97
LM End	4.26	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.209117 °	38.209117 °
				-121.556803 °	-121.556803 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:12545 DS_ID:20865 EP_NO: 11194 FS_HLM: 4.249 Repair Type: Non-Urgent 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: A 8-inch pipe through levee, 6.7 feet below crown. Pump and gate valve in pump house on waterward slope. Siphon breaker on landward slope. (ABO #11194- Robinson.). O&M Manual Sac 103, June 1954. FS Date: 04/25/2013					

Photo 1 of 3 : UCIP_FA_2015_0799.jpg



WS- pump, gate valve and pipe 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	11/06/2015 11/06/2015	Herman Phillips

LM Start	4.26	Rating **	M	Issue No.	97 (cont)
LM End	4.26	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.209117 °	38.209117 °
				-121.556803 °	-121.556803 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:12545 DS_ID:20865 EP_NO: 11194 FS_HLM: 4.249 Repair Type: Non-Urgent 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: A 8-inch pipe through levee, 6.7 feet below crown. Pump and gate valve in pump house on waterward slope. Siphon breaker on landward slope. (ABO #11194- Robinson.). O&M Manual Sac 103, June 1954. FS Date: 04/25/2013					

Photo 2 of 3 : UCIP_FA_2015_0800.jpg



WS- pump house inside the dense vegetation.

LM Start	4.26	Rating **	M	Issue No.	97 (cont)
LM End	4.26	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP_FA_2015_0801.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 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	11/06/2015 11/06/2015	Herman Phillips

LM Start	4.39	Rating **	M	Issue No.	40
LM End	4.63	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.207202 °	38.203693 °
				-121.556853 °	-121.556685 °
DWR ID	DWR_RD0556_02_s_2012_40				
Action/Comments					
Landscaping					

No Photos

LM Start	4.45	Rating **	M	Issue No.	7
LM End	4.49	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.206377 °	38.205729 °
				-121.557184 °	-121.557108 °
DWR ID					
Action/Comments					
Inspector Comments: 2013 - Erosion pockets encroaching on levee foundation. 2015: No observed changes. [2015 Site ID: SAC_21-9_L]					

Photo 1 of 1 : USACE2013A_SAC_21-9_L_5.jpg



USACE 2013 Photo #1

* 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 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	11/06/2015 11/06/2015	Herman Phillips

LM Start	4.54	Rating **	M	Issue No.	98
LM End	4.54	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.204974 °	38.204974 °
				-121.556789 °	-121.556789 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:12546
 DS_ID:20866
 EP_NO: 11940
 FS_HLM: 4.5341
 Repair Type: Non-Urgent
 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 pipe through levee, 6.7 feet below crown. Pump and gate valve in pumphouse on waterward slope. Siphon breaker and service pole on landward slope. (ABO # 11940-Robinson.). O&M Manual Sac 103, June 1954.
 FS Date: 04/25/2013

Photo 1 of 3 : UCIP_FA_2015_0802.jpg



WS- pipe daylight from levee slope to pump house.

LM Start	4.54	Rating **	M	Issue No.	98 (cont)
LM End	4.54	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_FA_2015_0803.jpg



WS- abandoned pump house on levee slope. Dense vegetation 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 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	11/06/2015 11/06/2015	Herman Phillips

LM Start	4.54	Rating **	M	Issue No.	98 (cont)
LM End	4.54	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.204974 °	38.204974 °
				-121.556789 °	-121.556789 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:12546 DS_ID:20866 EP_NO: 11940 FS_HLM: 4.5341 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_0804.jpg



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

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				
Action/Comments					
Fence Inspector Comments: Remove this old fence from the levee section landside.					

No Photos

LM Start	4.63	Rating **	U	Issue No.	88
LM End	5.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.203693 °	38.194682 °
				-121.556690 °	-121.561257 °
DWR ID	DWR_RD0556_02_f_2015_88				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Remove the unsatisfactory weed growth from the levee slope.					

Photo 1 of 1 : FA_2015_RD0556_19_88_20151110_00036.jpg



RD 556 Unit 2 looking downstream from levee miles 4.31 - 5.31 unsatisfactory tall weed growth on the landside 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 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	11/06/2015 11/06/2015	Herman Phillips

LM Start	4.73	Rating **	M	Issue No.	99
LM End	4.73	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.202301 °	38.202301 °
				-121.556952 °	-121.556952 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:12547 DS_ID:20867 EP_NO: 11199 FS_HLM: 4.7186 Repair Type: Non-Urgent 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: A 6-inch steel irrigation pipe through levee, 6.5 feet below crown. Siphon and concrete spill box with 2- 8 inch openings. (ABO #11199- Tokoyoshi.). O&M Manual Sac 103, June 1954. FS Date: 04/25/2013					

Photo 1 of 3 : UCIP_FA_2015_0805.jpg



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

LM Start	4.73	Rating **	M	Issue No.	99 (cont)
LM End	4.73	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_FA_2015_0806.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 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	11/06/2015 11/06/2015	Herman Phillips

LM Start	4.73	Rating **	M	Issue No.	99 (cont)
LM End	4.73	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.202301 °	38.202301 °
				-121.556952 °	-121.556952 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:12547 DS_ID:20867 EP_NO: 11199 FS_HLM: 4.7186 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP_FA_2015_0807.jpg



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

LM Start	4.77	Rating **	M	Issue No.	3
LM End	4.88	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.201687 °	38.200225 °
				-121.557305 °	-121.557749 °
DWR ID					
Action/Comments					
Inspector Comments: 1999 - Downstream 140 ft repaired with rock. 2010 - Lots of woody debris, but no changes to site. 2015: Site extended upstream due to erosion pockets. [2015 Site ID: SAC_21-5_L]					

Photo 1 of 1 : USACE2013A_SAC_21-5_L_2.jpg



USACE 2013 Photo #1

* 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 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	11/06/2015 11/06/2015	Herman Phillips

LM Start	4.95	Rating **	M	Issue No.	100
LM End	4.95	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.199133 °	38.199133 °
DWR ID				-121.557939 °	-121.557939 °
Action/Comments					
Inspector Comments: FS_ID:12564 DS_ID:20868 EP_NO: 11191 FS_HLM: 4.945 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - needs to fix CMP riser. FIELD_STRUCT_DESC: A 8-inch pipe through levee, 5.7 feet below crown. Pump on waterward slope, gate valve on berm. Siphon breaker and service pole on landward slope. (ABO #11191-Pacific Fruit Exchange.) FS Date: 04/25/2013					

Photo 1 of 2 : UCIP_FA_2015_0808.jpg



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

Photo 2 of 2 : UCIP_FA_2015_0809.jpg



WS- pump house on levee slope.

LM Start	4.95	Rating **	M	Issue No.	100 (cont)
LM End	4.95	Issue Type +	En	Location *	WS

* 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 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	11/06/2015 11/06/2015	Herman Phillips

LM Start	5.21	Rating **	U	Issue No.	101
LM End	5.21	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.195755 °	38.195755 °
				-121.560078 °	-121.560078 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:12570 DS_ID:20869 EP_NO: 11185 FS_HLM: 5.2054 Repair Type: Urgent Crossing Status: Found					

Photo 1 of 2 : UCIP_FA_2015_0810.jpg



WS- pipe daylight from the levee.

LM Start	5.21	Rating **	U	Issue No.	101 (cont)
LM End	5.21	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_FA_2015_0811.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 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	11/06/2015 11/06/2015	Herman Phillips

LM Start	5.40	Rating **	M	Issue No.	31
LM End	5.44	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.193760 °	38.193445 °	
			-121.562458 °	-121.562895 °	
DWR ID	DWR_RD0556_02_s_2012_31				
Action/Comments					
Landscaping					

No Photos

LM Start	5.45	Rating **	M	Issue No.	20
LM End	5.45	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.193391 °	38.193391 °	
			-121.563159 °	-121.563159 °	
DWR ID	DWR_RD0556_02_s_2012_20				
Action/Comments					
Tree or limb					

No Photos

LM Start	5.58	Rating **	A/W	Issue No.	89
LM End	5.71	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.192550 °	38.191797 °	
			-121.565233 °	-121.567565 °	
DWR ID	DWR_RD0556_02_f_2015_89				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Reveg site.					

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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