

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

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

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

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

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 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)				
Date of Inspection	04/29/2015 - 04/29/2015			
DWR Inspector	Herman Phillips			
Accompanied By	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 - Spring 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/29/2015 04/29/2015	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			o	o
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			o	o
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			o	o
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 - Spring 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/29/2015 04/29/2015	Herman Phillips

LM Start	0.08	Rating **	U	Issue No.	72
LM End	0.22	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.237925 °	38.236055 °	
			-121.518200 °	-121.518040 °	
DWR ID	DWR_RD0556_01_s_2015_72				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Remove the unacceptable wild growth.					

Photo 1 of 1 : SP_2015_RD0556_18_72_20150430_00023.jpg



RD 556 Unit 1 looking back upstream wild roses and other tall weeds on the levee slope.

LM Start	0.16	Rating **	M	Issue No.	381
LM End	0.57	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.236797 °	38.232032 °	
			-121.518073 °	-121.522000 °	
DWR ID	DWR_RD0556_01_s_2015_381				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	0.22	Rating **	U	Issue No.	26
LM End	1.70	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.236055 °	38.224305 °	
			-121.518035 °	-121.537263 °	
DWR ID	DWR_RD0556_01_f_2014_26				
Action/Comments					
Trees / Woody Vegetation Inspector Comments: The woody tree growth blocks view of the levee slope.					

Photo 1 of 1 : SP_2015_RD0556_18_26_20150430_00025.jpg



Woody tree growth on the landward levee slope.

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

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/29/2015 04/29/2015	Herman Phillips

LM Start	0.27	Rating **	U	Issue No.	30
LM End	0.61	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.235427 °	38.231538 °	
			-121.518523 °	-121.522553 °	
DWR ID	DWR_RD0556_01_f_2014_30				
Action/Comments					
Trees / Woody Vegetation Inspector Comments: Remove the young willow trees from waterside slope.					

Photo 1 of 1 : SP_2015_RD0556_18_30_20150312_00009.jpg



Unacceptable wild tree growth on the waterside slope.

LM Start	0.42	Rating **	U	Issue No.	61
LM End	0.42	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.233775 °	38.233775 °	
			-121.520351 °	-121.520351 °	
DWR ID	DWR_RD0556_01_f_2012_61				
Action/Comments					
Tree or limb Inspector Comments: There is a dead tree at this location. Remove it from the levee section. The district is aware of this issue.					

Photo 1 of 1 : SP_2015_RD0556_18_61_20150430_00027.jpg



This fallen tree hasn't been removed from levee section waterward.

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

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/29/2015 04/29/2015	Herman Phillips

LM Start	0.43	Rating **	M	Issue No.	396
LM End	0.43	Issue Type +	En	Location *	WS
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 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					

No Photos

LM Start	0.47	Rating **	M	Issue No.	32
LM End	0.57	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.233138 °	38.232032 °
				-121.520958 °	-121.522003 °
DWR ID	DWR_RD0556_01_f_2014_32				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

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

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/29/2015 04/29/2015	Herman Phillips

LM Start	0.53	Rating **	M	Issue No.	397
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 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					

No Photos

LM Start	0.54	Rating **	M	Issue No.	398
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 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation prevented inspection of WS slope. FIELD_STRUCT_DESC: 14-inch pipe through levee 5.0 feet below the crown. Pole with panel and standpipe on landward toe (5548A- Kay Dix Ranch 1986). FS Date: 05/27/2015					

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 - Spring 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/29/2015 04/29/2015	Herman Phillips

LM Start	0.62	Rating **	U	Issue No.	376
LM End	0.90	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.231535 °	38.228602 °
				-121.522675 °	-121.526289 °
DWR ID	DWR_RD0556_01_s_2014_376				
Action/Comments					
Trees / Woody Vegetation Inspector Comments: District should remove these unacceptable fig trees from the landside levee section.					

Photo 1 of 1 : SP_2015_RD0556_18_376_20150430_00028.jpg



Remove the fig trees on the landside shoulder and toe.

LM Start	0.66	Rating **	M	Issue No.	7
LM End	1.34	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.231011 °	38.227508 °
				-121.523246 °	-121.532396 °
DWR ID	DWR_RD0556_01_s_2013_7				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

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

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

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/29/2015 04/29/2015	Herman Phillips

LM Start	0.95	Rating **	M	Issue No.	1
LM End	1.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.228016 °	38.227854 °	
			-121.526868 °	-121.530291 °	
DWR ID	DWR_RD0556_01_f_2014_1				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	1.05	Rating **	M	Issue No.	36
LM End	1.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.226780 °	38.227966 °	
			-121.527465 °	-121.531176 °	
DWR ID	DWR_RD0556_01_f_2012_36				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

No Photos

LM Start	1.08	Rating **	M	Issue No.	14
LM End	1.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.226887 °	38.226887 °	
			-121.528022 °	-121.528022 °	
DWR ID	DWR_RD0556_01_s_2012_14				
Action/Comments					
Note and monitor erosion 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/29/2015 04/29/2015	Herman Phillips

LM Start	1.17	Rating **	M	Issue No.	399
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 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					

No Photos

LM Start	1.31	Rating **	M	Issue No.	45
LM End	1.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.227788 °	38.227788 °
				-121.531825 °	-121.531825 °
DWR ID	DWR_RD0556_01_f_2014_45				
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 - Spring 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/29/2015 04/29/2015	Herman Phillips

LM Start	1.34	Rating **	M	Issue No.	384
LM End	1.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.227576 °	38.227561 °	
			-121.532293 °	-121.532306 °	
DWR ID	DWR_RD0556_01_f_2013_384				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

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: Asphalt dumped along toe of levee. Issue not removed as of 10-30-2014 during the fall inspection.					

Photo 1 of 1 : SP_2015_RD0556_18_27_20150430_00031.jpg



Unauthorized asphalt dumped on the levee toe, District is aware of this encroachment.

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

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

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/29/2015 04/29/2015	Herman Phillips

LM Start	1.39	Rating **	M	Issue No.	79
LM End	1.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.227082 °	38.227072 °	
			-121.533010 °	-121.533083 °	
DWR ID	DWR_RD0556_01_s_2015_79				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	1.40	Rating **	M	Issue No.	21
LM End	1.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.227016 °	38.227016 °	
			-121.533105 °	-121.533105 °	
DWR ID	DWR_RD0556_01_f_2012_21				
Action/Comments					
Note and monitor erosion site.					

No Photos

LM Start	1.43	Rating **	M	Issue No.	40
LM End	1.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.226537 °	38.226537 °	
			-121.533512 °	-121.533512 °	
DWR ID	DWR_RD0556_01_f_2012_40				
Action/Comments					
Note and monitor erosion 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/29/2015 04/29/2015	Herman Phillips

LM Start	1.50	Rating **	M	Issue No.	22
LM End	1.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.225840 °	38.225840 °
				-121.534157 °	-121.534157 °
DWR ID	DWR_RD0556_01_s_2012_22				
Action/Comments					
Note and monitor erosion site. Inspector Comments: Monitor this erosion.					

No Photos

LM Start	1.55	Rating **	U	Issue No.	9
LM End	1.57	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.225191 °	38.224976 °
				-121.534799 °	-121.535043 °
DWR ID	DWR_RD0556_01_s_2012_9				
Action/Comments					
Tree or limb Inspector Comments: These cut up tree sections remain on the waterward slope. The owner is on the Reclamation District's Board. Mr. Silva said he will ask him to remove the encroachment.					

Photo 1 of 1 : SP_2015_RD0556_18_9_20150430_00032.jpg



Unwanted large tree sections placed on the waterside levee shoulder. District is aware of this issue.

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

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/29/2015 04/29/2015	Herman Phillips

LM Start	1.56	Rating **	M	Issue No.	401
LM End	1.56	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 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					

No Photos

LM Start	1.57	Rating **	M	Issue No.	386
LM End	1.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.224995 °	38.224486 °
				-121.535094 °	-121.536766 °
DWR ID	DWR_RD0556_01_f_2013_386				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	1.75	Rating **	U	Issue No.	49
LM End	1.99	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.224120 °	38.223590 °
				-121.538137 °	-121.542387 °
DWR ID	DWR_RD0556_01_f_2014_49				
Action/Comments					
Trees / Woody Vegetation Inspector Comments: Remove the unacceptable tree growth from the levee section on the waterward side.					

Photo 1 of 1 : SP_2015_RD0556_18_49_20150312_00011.jpg



Woody tree growth blocks view of the waterward slope.

* 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 - Spring 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/29/2015 04/29/2015	Herman Phillips

LM Start	1.78	Rating **	M	Issue No.	402
LM End	1.78	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 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					

No Photos

LM Start	1.88	Rating **	M	Issue No.	403
LM End	1.88	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 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation on WS and LS. Some oil leakage inside pumphouse. FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through levee, 3.7 feet below crown. 2-inch electric conduit through levee next to 8-inch. A 1-inch air valve and pump on berm. Service pole on landward slope. Tin and wood pump house on berm. A 12-ft x 36-inch concrete standpipe on landside. (ABO- 11178 - Swett). O&M Manual Sac 103, June 1954 FS Date: 05/27/2015					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/29/2015 04/29/2015	Herman Phillips

LM Start	1.92	Rating **	M	Issue No.	387
LM End	4.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.223713 °	38.200105 °	
			-121.541216 °	-121.545338 °	
DWR ID	DWR_RD0556_01_f_2013_387				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	2.09	Rating **	M	Issue No.	81
LM End	2.12	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.223048 °	38.222788 °	
			-121.544195 °	-121.544410 °	
DWR ID	DWR_RD0556_01_s_2015_81				
Action/Comments					
Fence Inspector Comments: Unauthorized fence within easement of levee toe.					

No Photos

LM Start	2.13	Rating **	M	Issue No.	404
LM End	2.13	Issue Type +	En	Location *	LS
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 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					

No Photos

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

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/29/2015 04/29/2015	Herman Phillips

LM Start	2.17	Rating **	M	Issue No.	50
LM End	3.19	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.221937 °	38.210658 °
				-121.544638 °	-121.539230 °
DWR ID	DWR_RD0556_01_f_2014_50				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

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

LM Start	2.43	Rating **	U	Issue No.	405
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 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					

No Photos

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

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/29/2015 04/29/2015	Herman Phillips

LM Start	2.51	Rating **	M	Issue No.	378
LM End	2.51	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.217198 °	38.217198 °
				-121.543544 °	-121.543544 °
DWR ID	DWR_RD0556_01_s_2014_378				
Action/Comments					
Tree or limb					

No Photos

LM Start	2.70	Rating **	M	Issue No.	406
LM End	2.70	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 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 - Spring 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/29/2015 04/29/2015	Herman Phillips

LM Start	2.72	Rating **	M	Issue No.	88
LM End	2.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.215125 °	38.215085 °
				-121.540757 °	-121.540655 °
DWR ID	DWR_RD0556_01_s_2015_88				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Trees fell causing this erosion. The ground is sandy at this location.					

No Photos

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; activity at this location.					

No Photos

LM Start	3.13	Rating **	U	Issue No.	90
LM End	3.24	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.211040 °	38.210373 °
				-121.538123 °	-121.539982 °
DWR ID	DWR_RD0556_01_s_2015_90				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Remove wild growth, trim under the fig trees, and spray the wild berries.					

No Photos

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

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/29/2015 04/29/2015	Herman Phillips

LM Start	3.17	Rating **	M	Issue No.	52
LM End	3.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.210839 °	38.210767 °	
			-121.538773 °	-121.538952 °	
DWR ID	DWR_RD0556_01_f_2012_52				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

No Photos

LM Start	3.17	Rating **	M	Issue No.	91
LM End	3.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.210787 °	38.210518 °	
			-121.538877 °	-121.539725 °	
DWR ID	DWR_RD0556_01_s_2015_91				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	3.24	Rating **	M	Issue No.	65
LM End	3.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.210363 °	38.210270 °	
			-121.540020 °	-121.540207 °	
DWR ID	DWR_RD0556_01_s_2013_65				
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 - Spring 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/29/2015 04/29/2015	Herman Phillips

LM Start	3.26	Rating **	M	Issue No.	394
LM End	3.37	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.210185 °	38.208899 °
				-121.540264 °	-121.541340 °
DWR ID	DWR_RD0556_01_f_2013_394				
Action/Comments					
Fence					

No Photos

LM Start	3.26	Rating **	M	Issue No.	395
LM End	3.37	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.210185 °	38.208899 °
				-121.540264 °	-121.541340 °
DWR ID	DWR_RD0556_01_f_2013_395				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: This wild growth is unacceptable and blocking visibility and access.					

Photo 1 of 1 : SP_2015_RD0556_18_395_20150312_00022.jpg



Unacceptable wild growth of cactus completely blocking visibility of the entire levee section.

LM Start	3.26	Rating **	M	Issue No.	13
LM End	3.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.210145 °	38.210145 °
				-121.540337 °	-121.540337 °
DWR ID	DWR_RD0556_01_f_2012_13				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: These trees need to be trimmed and thinned in order to see the ground.					

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
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/29/2015 04/29/2015	Herman Phillips

LM Start	3.27	Rating **	M	Issue No.	54
LM End	3.36	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.210059 °	38.208927 °	
			-121.540412 °	-121.541338 °	
DWR ID	DWR_RD0556_01_f_2012_54				
Action/Comments					
Fence					

No Photos

LM Start	3.45	Rating **	M	Issue No.	57
LM End	3.45	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.207630 °	38.207630 °	
			-121.541699 °	-121.541699 °	
DWR ID	DWR_RD0556_01_f_2012_57				
Action/Comments					
Garbage					

No Photos

LM Start	3.59	Rating **	U	Issue No.	68
LM End	3.85	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.205630 °	38.202080 °	
			-121.541647 °	-121.541003 °	
DWR ID	DWR_RD0556_01_f_2014_68				
Action/Comments					
Trees / Woody Vegetation Inspector Comments: Control the vegetation on the waterside levee section.					

Photo 1 of 1 : SP_2015_RD0556_18_68_20150312_00016.jpg



Unacceptable woody tree growth on the waterside slope and toe.

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

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/29/2015 04/29/2015	Herman Phillips

LM Start	3.69	Rating **	M	Issue No.	58
LM End	4.17	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.204317 °	38.199502 °
				-121.541259 °	-121.545736 °
DWR ID	DWR_RD0556_01_f_2012_58				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

No Photos

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 and repack earth materials back on slope.					

Photo 1 of 2 : SP_2015_RD0556_18_70_20150312_00018.jpg



Continued placement of unauthorized planter boxes into levee slope on the waterside.

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

Photo 2 of 2 : SP_2015_RD0556_18_70_20150312_00019.jpg



Landowner has dug into waterward slope and built planter boxes.

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

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/29/2015 04/29/2015	Herman Phillips

LM Start	4.02	Rating **	U	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. A notice of violation needs to be issued to landowner.					

Photo 1 of 2 : SP_2015_RD0556_18_4_20150312_00001.jpg



Unauthorized storage of vehicles and various other items stored at this location.

LM Start	4.02	Rating **	U	Issue No.	4 (cont)
LM End	4.05	Issue Type +	En	Location *	WS

Photo 2 of 2 : SP_2015_RD0556_18_4_20150312_00002.jpg



Several vehicles using the water side shoulder as parking/storage.

LM Start	4.03	Rating **	M	Issue No.	71
LM End	5.47	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.200990 °	38.186502 °	
			-121.544037 °	-121.562375 °	
DWR ID	DWR_RD0556_01_f_2014_71				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

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

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/29/2015 04/29/2015	Herman Phillips

LM Start	4.05	Rating **	U	Issue No.	69
LM End	4.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.995700 °	38.995700 °	
			-120.346300 °	-120.346300 °	
DWR ID	DWR_RD0556_01_s_2015_69				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: There is a rodent hole in crown roadway more than 3-foot deep. The RD need to correct this issue.					

Photo 1 of 1 : SP_2015_RD0556_18_69_20150430_00035.jpg



This rodent hole is in the levee crown roadway and goes down some 3-4 foot deep. Repairs are needed.

LM Start	4.07	Rating **	M	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.					

No Photos

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 : SP_2015_RD0556_18_67_20150312_00015.jpg



Unacceptable tall weeds along with arundo present on the waterside slope.

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

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/29/2015 04/29/2015	Herman Phillips

LM Start	4.41	Rating **	M	Issue No.	101
LM End	5.48	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.196325 °	38.186487 °
				-121.547765 °	-121.562548 °
DWR ID	DWR_RD0556_01_s_2015_101				
Action/Comments					
Keep the crown roadway free of vegetation.					

No Photos

LM Start	5.12	Rating **	M	Issue No.	16
LM End	5.29	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			38.189775 °	38.187967 °
				-121.557729 °	-121.559572 °
DWR ID	DWR_RD0556_01_f_2014_16				
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. 2013: No observed changes. [2013 Site ID: GEO_7-0_R]					

Photo 1 of 1 : SP_2015_RD0556_18_16_20150312_00004.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**

Unit Cover Sheet

Spring 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)				
Date of Inspection	04/29/2015 - 04/29/2015			
DWR Inspector	Herman Phillips			
Accompanied By	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 - Spring 2015

Reclamation District No. 0556 Upper Andrus

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River		Left	5.72	04/29/2015 04/29/2015	Herman Phillips

LM Start	0.00	Rating **	U	Issue No.	82
LM End	0.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.200550 °	38.200550 °	
			-121.544190 °	-121.544190 °	
DWR ID	DWR_RD0556_02_s_2013_82				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Both slopes downstream covered with wild growth.					

Photo 1 of 1 : SP_2015_RD0556_19_82_20150312_00016.jpg



Looking downstream waterside slope overgrown.

LM Start	0.08	Rating **	M	Issue No.	287
LM End	2.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.239034 °	38.239923 °	
			-121.519684 °	-121.553800 °	
DWR ID	DWR_RD0556_02_f_2013_287				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	0.08	Rating **	M	Issue No.	65
LM End	0.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.239077 °	38.238935 °	
			-121.519714 °	-121.520869 °	
DWR ID	DWR_RD0556_02_s_2013_65				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

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

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/29/2015 04/29/2015	Herman Phillips

LM Start	0.12	Rating **	U	Issue No.	32
LM End	2.87	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.238939 °	38.229108 °
				-121.520360 °	-121.555298 °
DWR ID	DWR_RD0556_02_f_2014_32				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: The trees should be trimmed up to allow the ground to be seen.					

Photo 1 of 1 : SP_2015_RD0556_19_32_20150312_00011.jpg



Woody tree growth on the waterside levee section.

LM Start	0.31	Rating **	M	Issue No.	28
LM End	0.60	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			38.238784 °	38.237862 °
				-121.523932 °	-121.529188 °
DWR ID	DWR_RD0556_02_f_2014_28				
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. [2013 Site ID: SAC_26-0_L]					

Photo 1 of 1 : SP_2015_RD0556_19_28_20150312_00010.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 - Spring 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/29/2015 04/29/2015	Herman Phillips

LM Start	0.94	Rating **	M	Issue No.	288
LM End	0.94	Issue Type +	En	Location *	WS
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 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - a concrete box on LSwater 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					

No Photos

LM Start	1.03	Rating **	M	Issue No.	27
LM End	1.15	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			38.238772 °	38.239265 °
				-121.536788 °	-121.538845 °
DWR ID	DWR_RD0556_02_f_2014_27				
Action/Comments					
Inspector Comments: 1997 - Rock is in poor condition and has failed in many places. Scallops in berm with remnants of old rock in the toe area. 2005 - Brush boxes present. 2013: Site extended upstream approximately 300 ft to include new erosion pockets. [2013 Site ID: SAC_25-2_L]					

Photo 1 of 1 : SP_2015_RD0556_19_27_20150312_00009.jpg



USACE 2013 Photo #1

LM Start	1.08	Rating **	M	Issue No.	76
LM End	5.72	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.238752 °	38.191803 °
				-121.537687 °	-121.567603 °
DWR ID	DWR_RD0556_02_s_2015_76				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

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
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/29/2015 04/29/2015	Herman Phillips

LM Start	1.22	Rating **	M	Issue No.	289
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 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

LM Start	1.45	Rating **	M	Issue No.	26
LM End	1.59	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			38.240401 °	38.240772 °
				-121.544106 °	-121.546791 °
DWR ID	DWR_RD0556_02_f_2014_26				
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. [2013 Site ID: SAC_24-8_L]					

Photo 1 of 1 : SP_2015_RD0556_19_26_20150312_00008.jpg



USACE 2013 Photo #1

LM Start	1.54	Rating **	M	Issue No.	79
LM End	1.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.240452 °	38.240508 °
				-121.545945 °	-121.553017 °
DWR ID	DWR_RD0556_02_s_2015_79				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

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

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/29/2015 04/29/2015	Herman Phillips

LM Start	2.07	Rating **	M	Issue No.	55
LM End	2.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.239353 °	38.229938 °	
			-121.554998 °	-121.555556 °	
DWR ID	DWR_RD0556_02_f_2012_55				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

No Photos

LM Start	2.16	Rating **	U	Issue No.	83
LM End	2.19	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.238505 °	38.238150 °	
			-121.556167 °	-121.556627 °	
DWR ID	DWR_RD0556_02_s_2015_83				
Action/Comments					
Tree or limb Inspector Comments: 7 unauthorized trees planted on the waterside toe.					

Photo 1 of 1 : SP_2015_RD0556_19_83_20150603_00028.jpg



Unauthorized planting of trees on the waterside toe of levee.

LM Start	2.41	Rating **	M	Issue No.	290
LM End	2.41	Issue Type +	En	Location *	WS
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 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					

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 - Spring 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/29/2015 04/29/2015	Herman Phillips

LM Start	2.84	Rating **	M	Issue No.	291
LM End	2.84	Issue Type +	En	Location *	WS
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 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					

No Photos

LM Start	2.93	Rating **	M	Issue No.	25
LM End	3.04	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
	Start		End		
Item	USACE Erosion Survey			38.228202 °	38.226601 °
				-121.555502 °	-121.555605 °
DWR ID	DWR_RD0556_02_f_2014_25				
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. 2013: No observed changes. [2013 Site ID: SAC_23-3_L]					

Photo 1 of 1 : SP_2015_RD0556_19_25_20150312_00007.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 - Spring 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/29/2015 04/29/2015	Herman Phillips

LM Start	3.06	Rating **	M	Issue No.	292
LM End	3.06	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 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					

No Photos

LM Start	3.16	Rating **	M	Issue No.	23
LM End	3.28	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			38.224850 °	38.223233 °
				-121.555641 °	-121.555687 °
DWR ID	DWR_RD0556_02_f_2014_23				
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 pop-out observed. [2013 Site ID: SAC_23-2_L]					

Photo 1 of 1 : SP_2015_RD0556_19_23_20150312_00005.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 - Spring 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/29/2015 04/29/2015	Herman Phillips

LM Start	3.24	Rating **	M	Issue No.	18
LM End	3.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.223689 °	38.223419 °
				-121.555370 °	-121.555404 °
DWR ID	DWR_RD0556_02_s_2012_18				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					

No Photos

LM Start	3.51	Rating **	M	Issue No.	293
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 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					

No Photos

LM Start	3.58	Rating **	M	Issue No.	22
LM End	3.64	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			38.218951 °	38.218104 °
				-121.556689 °	-121.556819 °
DWR ID	DWR_RD0556_02_f_2014_22				
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. 2013: No observed changes. [2013 Site ID: SAC_22-7_L]					

Photo 1 of 1 : SP_2015_RD0556_19_22_20150312_00004.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 - Spring 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/29/2015 04/29/2015	Herman Phillips

LM Start	3.64	Rating **	M	Issue No.	58
LM End	3.68	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.217984 °	38.217491 °	
			-121.556537 °	-121.556630 °	
DWR ID	DWR_RD0556_02_f_2012_58				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

No Photos

LM Start	3.83	Rating **	M	Issue No.	16
LM End	4.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.215319 °	38.210907 °	
			-121.556842 °	-121.556738 °	
DWR ID	DWR_RD0556_02_s_2012_16				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

No Photos

LM Start	3.95	Rating **	M	Issue No.	21
LM End	4.12	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	USACE Erosion Survey		38.213581 °	38.211112 °	
			-121.557197 °	-121.557042 °	
DWR ID	DWR_RD0556_02_f_2014_21				
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. 2013: No observed changes. [2013 Site ID: SAC_22-5_L]					

Photo 1 of 1 : SP_2015_RD0556_19_21_20150312_00003.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 - Spring 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/29/2015 04/29/2015	Herman Phillips

LM Start	3.98	Rating **	M	Issue No.	294
LM End	3.98	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 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					

No Photos

LM Start	4.07	Rating **	U	Issue No.	84
LM End	4.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.211867 °	38.207110 °
				-121.556778 °	-121.556832 °
DWR ID	DWR_RD0556_02_s_2015_84				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

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

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/29/2015 04/29/2015	Herman Phillips

LM Start	4.53	Rating **	M	Issue No.	296
LM End	4.53	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 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					

No Photos

LM Start	4.63	Rating **	M	Issue No.	7
LM End	4.73	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.203727 °	38.202218 °
				-121.556835 °	-121.556960 °
DWR ID	DWR_RD0556_02_s_2012_7				
Action/Comments					
Fence					

No Photos

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					

No Photos

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

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/29/2015 04/29/2015	Herman Phillips

LM Start	4.72	Rating **	M	Issue No.	297
LM End	4.72	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 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					

No Photos

LM Start	4.73	Rating **	M	Issue No.	39
LM End	4.84	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.202250 °	38.200597 °
				-121.556892 °	-121.557203 °
DWR ID	DWR_RD0556_02_s_2012_39				
Action/Comments					
Fence					

No Photos

LM Start	4.81	Rating **	M	Issue No.	85
LM End	5.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.201123 °	38.191803 °
				-121.557147 °	-121.567603 °
DWR ID	DWR_RD0556_02_s_2015_85				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

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

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/29/2015 04/29/2015	Herman Phillips

LM Start	4.85	Rating **	M	Issue No.	3
LM End	4.88	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			38.200646 °	38.200225 °
				-121.557606 °	-121.557749 °
DWR ID	DWR_RD0556_02_f_2014_3				
Action/Comments					
Inspector Comments: 1999 - Downstream 140 ft repaired with rock. 2010 - Lots of woody debris, but no changes to site. 2013: No observed changes. [2013 Site ID: SAC_21-5_L]					

Photo 1 of 1 : SP_2015_RD0556_19_3_20150312_00001.jpg



USACE 2013 Photo #1

LM Start	4.95	Rating **	M	Issue No.	298
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 °
				-121.557939 °	-121.557939 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:12564 DS_ID:20868 EP_NO: 11191 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					

No Photos

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

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/29/2015 04/29/2015	Herman Phillips

LM Start	5.21	Rating **	U	Issue No.	299
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 Repair Type: Urgent Crossing Status: Found UCIP Comments: Large pit and erosion on WS levee berm. FIELD_STRUCT_DESC: A 8-inch pipe through levee, 5.7 feet below crown. Pump and gate valve in pumphouse on waterward slope. Siphon breaker, concrete box, and service pole on landward slope. (ABO # 11185- Langhart.) 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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