

**Flood Control Project Maintenance
Levee Inspections**

Fall 2013 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	11.19						
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	45.13	4.35	62.53	558.80%	0.72			
Trim / Thin Trees	6.35	0.45	8.15	72.83%				
Encroachments		0.03	0.12	1.07%	1.06	0.49		
Animal Control	3.60	0.01	3.64	32.53%				
Erosion / Bank Caving	0.06		0.06	0.54%				
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>								
USACE Erosion Survey	1.15		1.15	10.28%				
DWR UCIP Field Study					0.17	0.01		
<i>LMA Totals:</i>	56.63	4.84	75.99	679.09%	1.95	0.50	0.00	0.00

Unit No. 01 Georgiana Slough RB	Overall Unit Rating	Total Unit Miles						
RD0556	U	5.47						
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	11.67	0.15	12.27	224.31%	0.35			
Trim / Thin Trees	0.82	0.02	0.90	16.45%				
Encroachments		0.03	0.12	2.19%	0.62	0.05		
Animal Control	3.60	0.01	3.64	66.54%				
Erosion / Bank Caving	0.06		0.06	1.10%				
<i>Supplemental</i>								
USACE Erosion Survey	0.15		0.15	2.74%				
<i>Unit Totals:</i>	16.30	0.21	17.14	313.35%	0.97	0.05	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	33.46	4.20	50.26	878.67%	0.37			
Trim / Thin Trees	5.53	0.43	7.25	126.75%				
Encroachments					0.44	0.44		
<i>Supplemental</i>								
USACE Erosion Survey	1.00		1.00	17.48%				
DWR UCIP Field Study					0.17	0.01		
<i>Unit Totals:</i>	39.99	4.63	58.51	1022.90%	0.98	0.45	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2013 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 2013 Levee Inspection Results

Reclamation District No. 0556 Upper Andrus

Waterway			Bank	Unit Miles
Unit No. 01 Georgiana Slough			Right	5.47
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	04/25/2013 - 04/25/2013		09/27/2013 - 09/27/2013	
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 2013

Reclamation District No. 0556 Upper Andrus

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough						Right	5.47	09/27/2013 09/27/2013	Herman Phillips
LMR No.	Levee Mile		Category	Item	Location * + Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End					Start	End	Photo
1			Earthen Levee	Operations & Maintenance Manuals	LS Ma		° °	° °	3
DWR ID: DWR_RD0556_01_s_2012_3									
2			Earthen Levee	Emergency Supplies & Equipment	LS Ma		° °	° °	6
DWR ID: DWR_RD0556_01_s_2012_6									
3			Earthen Levee	Flood Preparedness & Training	LS Ma		° °	° °	11
DWR ID: DWR_RD0556_01_s_2012_11									
4	0.05	0.88	Earthen Levee	Vegetation	LS Ma	V1 : Control annual grass and weeds on the levee slopes and easements. Inspector Comments: There is vegetation on the slope that does not block visibility.	38.238353 ° -121.518154 °	38.228732 ° -121.525969 °	380 Y
DWR ID: DWR_RD0556_01_f_2013_380									
5	0.21	0.80	Earthen Levee	Vegetation	WS Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.236107 ° -121.517979 °	38.229459 ° -121.524805 °	8
DWR ID: DWR_RD0556_01_s_2012_8									
6	0.42	0.42	Earthen Levee	Encroachments	WS Ma	TR : Tree or limb Inspector Comments: At this location there is a dead tree. Remove it from the levee section.	38.233775 ° -121.520351 °	38.233775 ° -121.520351 °	61 Y
DWR ID: DWR_RD0556_01_f_2012_61									
7	0.49	0.49	Earthen Levee	Vegetation	LS Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.232899 ° -121.521250 °	38.232899 ° -121.521254 °	10
DWR ID: DWR_RD0556_01_f_2012_10									
8	0.56	0.89	Earthen Levee	Vegetation	LS Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.232093 ° -121.522042 °	38.228689 ° -121.526053 °	382
DWR ID: DWR_RD0556_01_f_2013_382									
9	0.61	0.79	Earthen Levee	Vegetation	LS Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.231551 ° -121.522633 °	38.229575 ° -121.524622 °	4
DWR ID: DWR_RD0556_01_s_2013_4									
10	0.66	1.34	Earthen Levee	Vegetation	WS Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.231011 ° -121.523246 °	38.227508 ° -121.532396 °	7
DWR ID: DWR_RD0556_01_s_2013_7									
11	0.80	3.35	Earthen Levee	Animal Control	LS Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	38.229459 ° -121.524805 °	38.208959 ° -121.541368 °	12
DWR ID: DWR_RD0556_01_s_2012_12									
12	0.81	0.84	Earthen Levee	Trim / Thin Trees	LS Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.229312 ° -121.525001 °	38.229119 ° -121.525443 °	19
DWR ID: DWR_RD0556_01_s_2013_19									
13	0.87	0.88	Earthen Levee	Vegetation	LS Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.228861 ° -121.525826 °	38.228744 ° -121.525897 °	33
DWR ID: DWR_RD0556_01_f_2012_33									

*** 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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0556 Upper Andrus

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough				Right	5.47	09/27/2013 09/27/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
14	0.89	0.90	Earthen Levee	Vegetation	LS	M En	V6 : Landscaping	38.228680 ° -121.526200 °	38.228618 ° -121.526290 °	5
DWR ID: DWR_RD0556_01_s_2012_5										
15	0.95	1.22	Earthen Levee	Animal Control	LS	M Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	38.228016 ° -121.526868 °	38.227854 ° -121.530291 °	1
DWR ID: DWR_RD0556_01_s_2012_1										
16	0.97	1.12	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.227728 ° -121.527005 °	38.227229 ° -121.528692 °	383
DWR ID: DWR_RD0556_01_f_2013_383										
17	1.04	1.27	Earthen Levee	Trim / Thin Trees	LS	M Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.226780 ° -121.527465 °	38.227966 ° -121.531176 °	36
DWR ID: DWR_RD0556_01_f_2012_36										
18	1.08	1.08	Earthen Levee	Erosion / Bank Caving	LS	M Ma	E1 : Note and monitor erosion site.	38.226887 ° -121.528022 °	38.226887 ° -121.528022 °	14
DWR ID: DWR_RD0556_01_s_2012_14										
19	1.27	1.27	Earthen Levee	Erosion / Bank Caving	LS	M Ma	E1 : Note and monitor erosion site.	38.227967 ° -121.531180 °	38.227967 ° -121.531180 °	37
DWR ID: DWR_RD0556_01_f_2012_37										
20	1.33	1.33	Earthen Levee	Trim / Thin Trees	LS	M Ma	T1 : Trim trees to at least five feet above ground level.	38.227576 ° -121.532293 °	38.227561 ° -121.532306 °	384
DWR ID: DWR_RD0556_01_f_2013_384										
21	1.34	1.36	Earthen Levee	Encroachments	LS	U En	DE : Debris Inspector Comments: Asphalt dumped along toe of levee. 4-25-2013.	38.227521 ° -121.532393 °	38.227320 ° -121.532710 °	27 Y
DWR ID: DWR_RD0556_01_s_2013_27										
22	1.34	1.36	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.238169 ° -121.518199 °	38.227308 ° -121.532696 °	381
DWR ID: DWR_RD0556_01_f_2013_381										
23	1.36	1.37	Earthen Levee	Trim / Thin Trees	LS	M Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.227320 ° -121.532707 °	38.227216 ° -121.532870 °	29
DWR ID: DWR_RD0556_01_s_2013_29										
24	1.37	1.43	Earthen Levee	Vegetation	LS	M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.227154 ° -121.532856 °	38.226519 ° -121.533500 °	385
DWR ID: DWR_RD0556_01_f_2013_385										
25	1.39	1.39	Earthen Levee	Erosion / Bank Caving	LS	M Ma	E1 : Note and monitor erosion site.	38.227016 ° -121.533105 °	38.227016 ° -121.533105 °	21
DWR ID: DWR_RD0556_01_f_2012_21										
26	1.43	1.43	Earthen Levee	Erosion / Bank Caving	LS	M Ma	E1 : Note and monitor erosion site.	38.226537 ° -121.533512 °	38.226537 ° -121.533512 °	40
DWR ID: DWR_RD0556_01_f_2012_40										
27	1.49	1.49	Earthen Levee	Erosion / Bank Caving	LS	M Ma	E1 : Note and monitor erosion site.	38.225840 ° -121.534157 °	38.225840 ° -121.534157 °	22
DWR ID: DWR_RD0556_01_s_2012_22										

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0556 Upper Andrus

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough				Right	5.47	09/27/2013 09/27/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
28	1.55	1.57	Earthen Levee	Encroachments	WS	U En	TR : 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 . No updated photo was taken 9-27-2013.	38.225191 ° -121.534799 °	38.224976 ° -121.535043 °	9 Y
DWR ID: DWR_RD0556_01_s_2012_9										
29	1.57	1.67	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.224995 ° -121.535094 °	38.224486 ° -121.536766 °	386
DWR ID: DWR_RD0556_01_f_2013_386										
30	1.59	1.68	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.224769 ° -121.535569 °	38.224451 ° -121.536927 °	2
DWR ID: DWR_RD0556_01_s_2012_2										
31	1.64	1.69	Earthen Levee	Vegetation	WS	M En	V6 : Landscaping	38.224623 ° -121.536320 °	38.224408 ° -121.537180 °	17
DWR ID: DWR_RD0556_01_s_2012_17										
32	1.65	1.68	Earthen Levee	Vegetation	LS	M En	V6 : Landscaping	38.224567 ° -121.536523 °	38.224438 ° -121.537048 °	18
DWR ID: DWR_RD0556_01_s_2012_18										
33	1.89	1.89	Earthen Levee	Encroachments	WS	C Ma	GA : Garbage	38.223780 ° -121.540718 °	38.223780 ° -121.540718 °	41
DWR ID: DWR_RD0556_01_f_2012_41										
34	1.92	4.11	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.223713 ° -121.541216 °	38.200105 ° -121.545338 °	387
DWR ID: DWR_RD0556_01_f_2013_387										
35	1.97	2.04	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.223641 ° -121.542257 °	38.223452 ° -121.543542 °	20
DWR ID: DWR_RD0556_01_s_2013_20										
36	2.32	2.32	Earthen Levee	Erosion / Bank Caving	LS	M Ma	E1 : Note and monitor erosion site.	38.219858 ° -121.544021 °	38.219858 ° -121.544021 °	15
DWR ID: DWR_RD0556_01_s_2012_15										
37	2.32	2.34	Earthen Levee	Trim / Thin Trees	LS	U Ma	T1 : Trim trees to at least five feet above ground level.	38.219822 ° -121.544000 °	38.219592 ° -121.543927 °	24 Y
DWR ID: DWR_RD0556_01_s_2012_24										
38	2.37	2.42	Earthen Levee	Vegetation	LS	M En	V6 : Landscaping	38.219083 ° -121.543872 °	38.218410 ° -121.543865 °	25
DWR ID: DWR_RD0556_01_s_2012_25										
39	2.42	2.46	Earthen Levee	Vegetation	LS	U Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: This section of trees need to be removed from levee section, visibility completely blocked.	38.218426 ° -121.543800 °	38.217846 ° -121.543796 °	47 Y
DWR ID: DWR_RD0556_01_f_2012_47										
40	2.42	2.42	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.218373 ° -121.543847 °	38.218373 ° -121.543847 °	26
DWR ID: DWR_RD0556_01_s_2012_26										
41	2.42	2.69	Earthen Levee	Encroachments	LS	M En	BU : Building	38.218373 ° -121.543847 °	38.215230 ° -121.541147 °	28
DWR ID: DWR_RD0556_01_s_2012_28										

*** Location**

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+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0556 Upper Andrus

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough							Right	5.47	09/27/2013 09/27/2013	Herman Phillips
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
42	2.43	2.78	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.218251 ° -121.543806 °	38.214575 ° -121.539672 °	388
								DWR ID: DWR_RD0556_01_f_2013_388		
43	2.46	2.50	Earthen Levee	Trim / Thin Trees	LS	M Ma	T1 : Trim trees to at least five feet above ground level.	38.217757 ° -121.543827 °	38.217285 ° -121.543693 °	42
								DWR ID: DWR_RD0556_01_f_2012_42		
44	2.46	2.50	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.217757 ° -121.543827 °	38.217285 ° -121.543693 °	82
								DWR ID: DWR_RD0556_01_s_2012_82		
45	2.47	2.47	Earthen Levee	Encroachments	LS	M En	TR : Tree or limb	38.217568 ° -121.543740 °	38.217568 ° -121.543740 °	53
								DWR ID: DWR_RD0556_01_s_2013_53		
46	2.48	2.49	Earthen Levee	Encroachments	LS	U En	FE : Fence Inspector Comments: Several feet of this fence encroaches within 10-foot of levee toe.	38.217453 ° -121.543755 °	38.217453 ° -121.543755 °	68 Y
								DWR ID: DWR_RD0556_01_f_2013_68		
47	2.48	2.48	Earthen Levee	Encroachments	LS	M En	FE : Fence	38.217453 ° -121.543754 °	38.217453 ° -121.543754 °	389
								DWR ID: DWR_RD0556_01_f_2013_389		
48	2.50	2.50	Earthen Levee	Encroachments	LS	C En	FW : Firewood	38.217189 ° -121.543579 °	38.217189 ° -121.543579 °	43
								DWR ID: DWR_RD0556_01_f_2012_43		
49	2.52	2.54	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.217030 ° -121.543444 °	38.216682 ° -121.543145 °	391
								DWR ID: DWR_RD0556_01_f_2013_391		
50	2.54	2.62	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.216757 ° -121.543215 °	38.215924 ° -121.542148 °	44
								DWR ID: DWR_RD0556_01_f_2012_44		
51	2.64	2.76	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.215690 ° -121.541804 °	38.214763 ° -121.539978 °	392
								DWR ID: DWR_RD0556_01_f_2013_392		
52	2.72	2.72	Earthen Levee	Encroachments	WS	M En	FW : Firewood	38.215099 ° -121.540725 °	38.215099 ° -121.540725 °	45
								DWR ID: DWR_RD0556_01_f_2012_45		
53	2.88	5.35	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.213587 ° -121.538462 °	38.187173 ° -121.560838 °	393
								DWR ID: DWR_RD0556_01_f_2013_393		
54	2.96	2.99	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.212661 ° -121.537633 °	38.212328 ° -121.537318 °	63
								DWR ID: DWR_RD0556_01_s_2013_63		
55	2.97	2.99	Earthen Levee	Vegetation	LS	M En	V6 : Landscaping	38.212573 ° -121.537648 °	38.212320 ° -121.537407 °	34
								DWR ID: DWR_RD0556_01_s_2012_34		
56	2.99	3.04	Earthen Levee	Vegetation	LS	M En	V6 : Landscaping	38.212242 ° -121.537333 °	38.211650 ° -121.536972 °	35
								DWR ID: DWR_RD0556_01_s_2012_35		

*** Location**

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**** Rating**

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A/W : Acceptable but Monitor & Maintain

+ Issue Type

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

Reclamation District No. 0556 Upper Andrus

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
57	3.00	3.17	Earthen Levee	Vegetation	WS	C Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.212191 ° -121.537232 °	38.210767 ° -121.538952 °	49
DWR ID: DWR_RD0556_01_f_2012_49										
58	3.00	3.00	Earthen Levee	Trim / Thin Trees	LS	C Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.212113 ° -121.537142 °	38.212113 ° -121.537142 °	50
DWR ID: DWR_RD0556_01_f_2012_50										
59	3.04	3.04	Earthen Levee	Vegetation	LS	C Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.211491 ° -121.537012 °	38.211491 ° -121.537012 °	64
DWR ID: DWR_RD0556_01_s_2013_64										
60	3.12	3.15	Earthen Levee	Vegetation	LS	M En	V6 : Landscaping	38.211010 ° -121.538043 °	38.210857 ° -121.538632 °	39
DWR ID: DWR_RD0556_01_s_2012_39										
61	3.16	3.17	Earthen Levee	Trim / Thin Trees	LS	M Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.210839 ° -121.538773 °	38.210767 ° -121.538952 °	52
DWR ID: DWR_RD0556_01_f_2012_52										
62	3.23	3.24	Earthen Levee	Animal Control	LS	M Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	38.210363 ° -121.540020 °	38.210270 ° -121.540207 °	65
DWR ID: DWR_RD0556_01_s_2013_65										
63	3.24	3.24	Earthen Levee	Encroachments	WSA/W	Ma	PI : Pipe Inspector Comments: At levee mile 3.24 there is an irrigation pipe with filter system landward.	38.210882 ° -121.538674 °	38.210882 ° -121.538674 °	23
DWR ID: DWR_RD0556_01_s_2012_23										
64	3.24	3.35	Earthen Levee	Encroachments	LS	M En	FE : Fence	38.210185 ° -121.540264 °	38.208899 ° -121.541340 °	394
DWR ID: DWR_RD0556_01_f_2013_394										
65	3.24	3.35	Earthen Levee	Vegetation	LS	U Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: This wild growth is unsatisfactory and blocking visibility and access.	38.210185 ° -121.540264 °	38.208899 ° -121.541340 °	395 Y
DWR ID: DWR_RD0556_01_f_2013_395										
66	3.26	3.26	Earthen Levee	Trim / Thin Trees	LS	M Ma	T2 : 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.	38.210145 ° -121.540337 °	38.210145 ° -121.540337 °	13
DWR ID: DWR_RD0556_01_f_2012_13										
67	3.26	3.26	Earthen Levee	Animal Control	LS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Gopher damage along the landside ramp. The District is aware of the new discovery 4-25-2013.	38.210059 ° -121.540410 °	38.210059 ° -121.540410 °	31 Y
DWR ID: DWR_RD0556_01_s_2013_31										
68	3.26	3.35	Earthen Levee	Encroachments	LS	M En	FE : Fence	38.210059 ° -121.540412 °	38.208927 ° -121.541338 °	54
DWR ID: DWR_RD0556_01_f_2012_54										
69	3.26	3.91	Earthen Levee	Vegetation	WS	C Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.210058 ° -121.540412 °	38.201618 ° -121.542364 °	56
DWR ID: DWR_RD0556_01_f_2012_56										

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0556 Upper Andrus

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough				Right	5.47	09/27/2013 09/27/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
70	3.35	3.42	Earthen Levee	Vegetation	LS	M En	V6 : Landscaping	38.208982 ° -121.541340 °	38.208112 ° -121.541558 °	48
DWR ID: DWR_RD0556_01_s_2012_48										
71	3.44	3.46	Earthen Levee	Encroachments	WS	U Ma	PI : Pipe	38.207812 ° -121.541683 °	38.207552 ° -121.541755 °	51 Y
DWR ID: DWR_RD0556_01_s_2012_51										
72	3.45	3.45	Earthen Levee	Encroachments	WS	M En	GA : Garbage	38.207630 ° -121.541699 °	38.207630 ° -121.541699 °	57
DWR ID: DWR_RD0556_01_f_2012_57										
73	3.68	4.16	Earthen Levee	Trim / Thin Trees	LS	M Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.204317 ° -121.541259 °	38.199502 ° -121.545736 °	58
DWR ID: DWR_RD0556_01_f_2012_58										
74	3.87	3.91	Earthen Levee	Vegetation	LS	M En	V6 : Landscaping	38.201907 ° -121.541672 °	38.201603 ° -121.542302 °	55
DWR ID: DWR_RD0556_01_s_2012_55										
75	3.94	4.05	Earthen Levee	Encroachments	WS	M En	BU : 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.	38.201475 ° -121.542832 °	38.200617 ° -121.544530 °	86
DWR ID: DWR_RD0556_01_s_2012_86										
76	4.03	4.05	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.200897 ° -121.544350 °	38.200712 ° -121.544601 °	60
DWR ID: DWR_RD0556_01_f_2012_60										
77	4.03	4.79	Earthen Levee	Animal Control	LS	M Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	38.200897 ° -121.544350 °	38.192662 ° -121.553160 °	59
DWR ID: DWR_RD0556_01_f_2012_59										
78	4.05	4.05	Earthen Levee	Animal Control	CR	U Ma	A3 : 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-feet deep.	38.995700 ° -120.346300 °	38.995700 ° -120.346300 °	69 Y
DWR ID: DWR_RD0556_01_s_2013_69										
79	4.05	4.21	Earthen Levee	Vegetation	WS	M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.200611 ° -121.544715 °	38.198853 ° -121.546209 °	397
DWR ID: DWR_RD0556_01_f_2013_397										
80	4.05	5.46	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.200658 ° -121.544711 °	38.186464 ° -121.562550 °	67
DWR ID: DWR_RD0556_01_s_2013_67										
81	4.05	5.46	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.200659 ° -121.544711 °	38.186542 ° -121.562411 °	66
DWR ID: DWR_RD0556_01_s_2013_66										
82	4.08	4.09	Earthen Levee	Vegetation	LS	M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.200376 ° -121.545018 °	38.200206 ° -121.545229 °	396
DWR ID: DWR_RD0556_01_f_2013_396										
83	5.00	5.23	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.190860 ° -121.556315 °	38.188625 ° -121.559246 °	398
DWR ID: DWR_RD0556_01_f_2013_398										

*** 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

Levee Inspection Report By Mile - Fall 2013

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.47	09/27/2013 09/27/2013	Herman Phillips

DWR ID:

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.47	09/27/2013 09/27/2013	Herman Phillips

Levee Mile Report Line	4
Start Levee Mile	0.05
End Levee Mile	0.88
Location	Land Side
Category	Earthen Levee
Item	Vegetation

RD 556 Unit 1 looking downstream from levee mile 0.05 landside slope. Photo taken 9-27-2013

phillips_f_20131017_638.JPG



Levee Mile Report Line	6
Start Levee Mile	0.42
End Levee Mile	0.42
Location	Water Side
Category	Earthen Levee
Item	Encroachments

This tree was listed in the last two reports, remove it from levee section. Photo taken 9-27-2013.

phillips_f_20131017_639.JPG



Levee Mile Report Line	21
Start Levee Mile	1.34
End Levee Mile	1.36
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Unauthorized asphalt dumping on toe of levee section. Photo taken 4-25-2013.

phillips_f_20130925_922.JPG



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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A/W : Acceptable but Monitor & Maintain

+ Issue Type

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En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.47	09/27/2013 09/27/2013	Herman Phillips

Levee Mile Report Line	28
Start Levee Mile	1.55
End Levee Mile	1.57
Location	Water Side
Category	Earthen Levee
Item	Encroachments

The landowner stated that he would have these trees removed from levee section next month (April). Photo taken 3-29-2011. 10-02-2012 The cut up tree has not been removed from waterward levee shoulder. No change 4-25-2013.

phillips_f_20130925_917.jpg



Levee Mile Report Line	37
Start Levee Mile	2.32
End Levee Mile	2.34
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Unit 1 levee miles 2.32 -2.34 this dense growth of fig trees complete block visibility of the levee slope. Status: Unsatisfactory.

phillips_f_20131017_640.JPG



Levee Mile Report Line	39
Start Levee Mile	2.42
End Levee Mile	2.46
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Not able to inspect this section, unsatisfactory growth of trees. Photo taken 9-27-2013.

phillips_f_20131017_641.JPG



* 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 2013

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.47	09/27/2013 09/27/2013	Herman Phillips

Levee Mile Report Line	46
Start Levee Mile	2.48
End Levee Mile	2.49
Location	Land Side
Category	Earthen Levee
Item	Encroachments

A section of this fence is within the 10-foot of levee toe easement. Photo taken 9-27-2013.

phillips_f_20131017_644.JPG



Levee Mile Report Line	65
Start Levee Mile	3.24
End Levee Mile	3.35
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Unsatisfactory wild cactus growth completely blocks visibility. Photo taken 9-27-2013.

phillips_f_20131017_642.JPG



Levee Mile Report Line	67
Start Levee Mile	3.26
End Levee Mile	3.26
Location	Land Side
Category	Earthen Levee
Item	Animal Control

This damage was caused by gophers in levee slope. Photo taken 4-25-2013.

phillips_f_20130925_923.JPG



* 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 2013

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.47	09/27/2013 09/27/2013	Herman Phillips

Levee Mile Report Line	71
Start Levee Mile	3.44
End Levee Mile	3.46
Location	Water Side
Category	Earthen Levee
Item	Encroachments

This concrete remains to be on levee section water ward, the district needs to remove it. It has appeared on the last two inspections and beyond. Photo taken 9-27-2013.

phillips_f_20131017_643.JPG



Levee Mile Report Line	78
Start Levee Mile	4.05
End Levee Mile	4.05
Location	Crown
Category	Earthen Levee
Item	Animal Control

This rodent hole is in the levee crown roadway and goes down some 3-4 feet deep. Repairs are needed before rainwater gets inside causing more problems. Status: unsatisfactory.

phillips_f_20131017_645.JPG



Levee Mile Report Line	84
Start Levee Mile	5.11
End Levee Mile	5.26
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

USACE2013_GEO_7-0_R_1.jpg



* 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 2013

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.47	09/27/2013 09/27/2013	Herman Phillips

Levee Mile Report Line	84
Start Levee Mile	5.11
End Levee Mile	5.26
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

USACE2013_GEO_7-0_R_2.jpg



Levee Mile Report Line	84
Start Levee Mile	5.11
End Levee Mile	5.26
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #3

USACE2013_GEO_7-0_R_3.jpg

*** Location**

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CR : Crown

**** Rating**

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+ Issue Type

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

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2013 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	04/25/2013 - 04/25/2013		09/27/2013 - 09/27/2013	
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 2013

Reclamation District No. 0556 Upper Andrus

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River						Left	5.72	09/27/2013 09/27/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.00	0.00	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: The waterside slope has trees that need vegetation removed from slope.	38.200550 ° -121.544190 °	38.200550 ° -121.544190 °	82 Y
DWR ID: DWR_RD0556_02_s_2013_82										
2	0.07	0.07	Earthen Levee	Trim / Thin Trees	WS	M Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.239049 ° -121.519520 °	38.239031 ° -121.519524 °	43
DWR ID: DWR_RD0556_02_f_2012_43										
3	0.07	1.86	Earthen Levee	Trim / Thin Trees	WS	M Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.239078 ° -121.519565 °	38.240907 ° -121.551834 °	60
DWR ID: DWR_RD0556_02_s_2013_60										
4	0.08	2.00	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.239034 ° -121.519684 °	38.239923 ° -121.553800 °	287
DWR ID: DWR_RD0556_02_f_2013_287										
5	0.08	0.14	Earthen Levee	Vegetation	WS	U Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.239077 ° -121.519714 °	38.238935 ° -121.520869 °	65 Y
DWR ID: DWR_RD0556_02_s_2013_65										
6	0.11	0.47	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.238974 ° -121.520171 °	38.238029 ° -121.526841 °	30
DWR ID: DWR_RD0556_02_s_2013_30										
7	0.12	2.86	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: The district needs to remove the wild growth.	38.238939 ° -121.520360 °	38.229108 ° -121.555298 °	32
DWR ID: DWR_RD0556_02_s_2013_32										
8	0.17	0.21	Earthen Levee	Trim / Thin Trees	WS	M Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.238866 ° -121.521325 °	38.238794 ° -121.522052 °	66
DWR ID: DWR_RD0556_02_s_2013_66										
9	0.31	0.60	Supplemental	USACE Erosion Survey	WS	M Ma	Inspector Comments: 2002 - Two rocked 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. 2012: No observed change. [2012 Site ID: SAC_26-0_L]	38.238784 ° -121.523932 °	38.237862 ° -121.529188 °	3 Y
DWR ID:										
10	0.48	0.48	Earthen Levee	Trim / Thin Trees	WS	N Ma	T5 : Tree stumps.	38.238050 ° -121.526876 °	38.238050 ° -121.526876 °	67
DWR ID: DWR_RD0556_02_s_2013_67										
11	0.53	1.35	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.237833 ° -121.528093 °	38.239821 ° -121.542438 °	68
DWR ID: DWR_RD0556_02_s_2013_68										
12	0.54	0.83	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.237827 ° -121.528056 °	38.237810 ° -121.533291 °	34
DWR ID: DWR_RD0556_02_s_2013_34										

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
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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

Reclamation District No. 0556 Upper Andrus

20	1.17	1.37	Earthen Levee	Trim / Thin Trees	WS U Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.239151 ° -121.539351 °	38.239884 ° -121.542766 °	69 Y
							DWR ID: DWR_RD0556_02_s_ 2013_69		

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/27/2013 09/27/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
21	1.22	1.22	Supplemental	DWR UCIP Field Study	WS	M	Inspector Comments: FS_ID:12513 EP_NO: 11187 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - gap between 6-inch pipe and 10-inch pipes 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: 4/25/2013	38.239327 ° -121.540190 °	38.239327 ° -121.540190 °	271 Y
DWR ID: DWR_RD0556_02_f_2013_271										
22	1.22	1.22	Supplemental	DWR UCIP Field Study	WS	M	Inspector Comments: FS_ID:12573 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: 4/25/2013	38.239327 ° -121.540190 °	38.239327 ° -121.540190 °	272
DWR ID: DWR_RD0556_02_f_2013_272										
23	1.22	1.22	Supplemental	DWR UCIP Field Study	WS	M	Inspector Comments: FS_ID:12484 EP_NO: 11187 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - gap between 6-inch pipe and 10-inch pipes 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: 5/1/2013	38.239327 ° -121.540190 °	38.239327 ° -121.540190 °	273
DWR ID: DWR_RD0556_02_f_2013_273										
24	1.45	1.59	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 1997 - Slow erosion of the berm at the waterline; bench below water. 2005 - Brush boxes present. 2010 - Minor new erosion. 2012: No observed change. [2012 Site ID: SAC_24-8_L]	38.240401 ° -121.544106 °	38.240772 ° -121.546791 °	21 Y
DWR ID:										
25	1.45	3.28	Earthen Levee	Vegetation	LS	M	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.240196 ° -121.544292 °	38.223070 ° -121.555456 °	50
DWR ID: DWR_RD0556_02_f_2012_50										
26	1.52	1.79	Earthen Levee	Vegetation	WS	M	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.240371 ° -121.545463 °	38.241034 ° -121.550501 °	70
DWR ID: DWR_RD0556_02_s_2013_70										
27	1.53	1.71	Earthen Levee	Vegetation	LS	U	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.240417 ° -121.545769 °	38.240959 ° -121.549025 °	71 Y
DWR ID: DWR_RD0556_02_s_2013_71										

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0556 Upper Andrus

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River							Left	5.72	09/27/2013 09/27/2013	Herman Phillips
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
28	1.71	3.41	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.240959 ° -121.549026 °	38.221267 ° -121.555754 °	52
								DWR ID: DWR_RD0556_02_s_2013_52		
29	1.86	4.27	Earthen Levee	Vegetation	LS	U Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.240906 ° -121.551823 °	38.208791 ° -121.556812 °	72 Y
								DWR ID: DWR_RD0556_02_s_2013_72		
30	1.88	5.70	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.240799 ° -121.552373 °	38.191865 ° -121.567498 °	73
								DWR ID: DWR_RD0556_02_s_2013_73		
31	1.90	5.69	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.240740 ° -121.552539 °	° °	51
								DWR ID: DWR_RD0556_02_f_2012_51		
32	1.98	2.36	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.240022 ° -121.553700 °	38.236065 ° -121.557990 °	14
								DWR ID: DWR_RD0556_02_s_2012_14		
33	2.02	2.06	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.239766 ° -121.554364 °	38.239474 ° -121.554851 °	75
								DWR ID: DWR_RD0556_02_s_2013_75		
34	2.10	2.16	Earthen Levee	Encroachments	WS	U En	LI : Landscape Irrigation	38.239030 ° -121.555518 °	38.238506 ° -121.556197 °	53 Y
								DWR ID: DWR_RD0556_02_f_2013_53		
35	2.31	2.33	Earthen Levee	Encroachments	LS	U En	LI : Landscape Irrigation Inspector Comments: Trees planted along landward levee section with drip lines. There is no permit for this encroachment.	38.236860 ° -121.557841 °	38.236435 ° -121.557958 °	83 Y
								DWR ID: DWR_RD0556_02_f_2013_83		
36	2.32	2.55	Earthen Levee	Trim / Thin Trees	WS	U Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: These trees are blocking the view of the levee section. They need to be thinned out.	38.236579 ° -121.557934 °	38.233365 ° -121.557559 °	76 Y
								DWR ID: DWR_RD0556_02_s_2013_76		
37	2.38	2.73	Earthen Levee	Vegetation	LS	U Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Remove wild growth from levee section.	38.235757 ° -121.558142 °	38.231858 ° -121.556660 °	54 Y
								DWR ID: DWR_RD0556_02_f_2012_54		
38	2.41	5.14	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.235307 ° -121.558088 °	38.196564 ° -121.559500 °	77
								DWR ID: DWR_RD0556_02_s_2013_77		

*** 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

Reclamation District No. 0556 Upper Andrus

DWR ID: DWR_RD0556_02_s_2012_13

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/27/2013 09/27/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
45	2.93	3.05	Supplemental	USACE Erosion Survey	WS	M	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. [2012 Site ID: SAC_23-3_L]	38.228202 ° -121.555502 °	38.226601 ° -121.555605 °	22 Y
DWR ID:										
46	3.06	3.06	Supplemental	DWR UCIP Field Study	WS	M	Inspector Comments: FS_ID:12525 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: 4/25/2013	38.226225 ° -121.555236 °	38.226225 ° -121.555236 °	277 Y
DWR ID: DWR_RD0556_02_f_2013_277										
47	3.06	3.06	Supplemental	DWR UCIP Field Study	WS	M	Inspector Comments: FS_ID:12508 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: 5/2/2013	38.226225 ° -121.555236 °	38.226225 ° -121.555236 °	278 Y
DWR ID: DWR_RD0556_02_f_2013_278										
48	3.11	3.18	Earthen Levee	Vegetation	LS	M	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.225574 ° -121.555261 °	38.224522 ° -121.555370 °	56 Y
DWR ID: DWR_RD0556_02_f_2012_56										
49	3.16	3.28	Supplemental	USACE Erosion Survey	WS	M	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. [2012 Site ID: SAC_23-2_L]	38.224850 ° -121.555641 °	38.223233 ° -121.555687 °	23 Y
DWR ID:										
50	3.24	3.26	Earthen Levee	Trim / Thin Trees	LS	M	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.223689 ° -121.555370 °	38.223419 ° -121.555404 °	18 Y
DWR ID: DWR_RD0556_02_s_2012_18										
51	3.40	3.58	Earthen Levee	Trim / Thin Trees	LS	M	T1 : Trim trees to at least five feet above ground level.	38.221170 ° -121.555791 °	38.218765 ° -121.556374 °	57 Y
DWR ID: DWR_RD0556_02_f_2012_57										

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/27/2013 09/27/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
52	3.51	3.51	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:12527 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: 4/25/2013	38.219851 ° -121.556129 °	38.219851 ° -121.556129 °	279 Y
DWR ID: DWR_RD0556_02_f_2013_279										
53	3.57	3.57	Earthen Levee	Trim / Thin Trees	LS	M Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.218922 ° -121.556319 °	38.218921 ° -121.556320 °	17
DWR ID: DWR_RD0556_02_s_2012_17										
54	3.58	3.63	Supplemental	USACE Erosion Survey	WS	M Ma	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 [2012 Site ID: SAC_22-7_L]	38.218951 ° -121.556689 °	38.218104 ° -121.556819 °	25 Y
DWR ID:										
55	3.64	3.67	Earthen Levee	Trim / Thin Trees	LS	M Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.217984 ° -121.556537 °	38.217491 ° -121.556630 °	58
DWR ID: DWR_RD0556_02_f_2012_58										
56	3.75	5.70	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.216407 ° -121.556714 °	38.191875 ° -121.567455 °	6
DWR ID: DWR_RD0556_02_s_2012_6										
57	3.82	4.13	Earthen Levee	Trim / Thin Trees	LS	M Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.215319 ° -121.556842 °	38.210907 ° -121.556738 °	16
DWR ID: DWR_RD0556_02_s_2012_16										
58	3.95	4.12	Supplemental	USACE Erosion Survey	WS	M Ma	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 at the toe. [2012 Site ID: SAC_22-5_L]	38.213581 ° -121.557197 °	38.211112 ° -121.557042 °	26 Y
DWR ID:										

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/27/2013 09/27/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
59	3.98	3.98	Supplemental	DWR UCIP Field Study	WS	M	Inspector Comments: FS_ID:12543 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: 4/25/2013	38.213031 ° -121.556800 °	38.213031 ° -121.556800 °	280 Y
60	3.98	4.58	Earthen Levee	Vegetation	WS	U	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: District really needs to get control of the bamboo on the levee section. Levee slope water completely blocked.	38.213032 ° -121.556797 °	38.204248 ° -121.556743 °	78 Y
61	4.12	4.31	Earthen Levee	Trim / Thin Trees	LS	M	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.211011 ° -121.556676 °	38.208195 ° -121.556788 °	12
62	4.22	4.60	Earthen Levee	Vegetation	WS	U	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.209642 ° -121.556778 °	38.204006 ° -121.556760 °	35 Y
63	4.23	4.26	Earthen Levee	Vegetation	LS	M	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.209458 ° -121.556759 °	38.208936 ° -121.556763 °	15
64	4.23	4.27	Earthen Levee	Vegetation	WS	M	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.209458 ° -121.556759 °	38.208808 ° -121.556797 °	8
65	4.25	4.25	Supplemental	DWR UCIP Field Study	WS	M	Inspector Comments: FS_ID:12544 EP_NO: 11194 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: 4/25/2013	38.209117 ° -121.556803 °	38.209117 ° -121.556803 °	281 Y

* 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 2013

Reclamation District No. 0556 Upper Andrus

Waterway					Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River					Left	5.72	09/27/2013 09/27/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
66	4.25	4.25	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:12545 EP_NO: 11194 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: 4/25/2013	38.209117 ° -121.556803 °	38.209117 ° -121.556803 °	282
DWR ID: DWR_RD0556_02_f_2013_282										
67	4.39	4.64	Earthen Levee	Vegetation	LS	M En	V6 : Landscaping	38.207202 ° -121.556853 °	38.203693 ° -121.556685 °	40
DWR ID: DWR_RD0556_02_s_2012_40										
68	4.45	4.49	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.206187 ° -121.556816 °	38.205656 ° -121.556802 °	61
DWR ID: DWR_RD0556_02_f_2012_61										
69	4.53	4.89	Earthen Levee	Encroachments	LS	U En	LI : Landscape Irrigation	38.205036 ° -121.556784 °	38.199871 ° -121.557650 °	59 Y
DWR ID: DWR_RD0556_02_s_2013_59										
70	4.53	4.53	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:12546 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: 4/25/2013	38.204974 ° -121.556789 °	38.204974 ° -121.556789 °	283 Y
DWR ID: DWR_RD0556_02_f_2013_283										
71	4.63	4.74	Earthen Levee	Encroachments	LS	M En	FE : Fence	38.203727 ° -121.556835 °	38.202218 ° -121.556960 °	7
DWR ID: DWR_RD0556_02_s_2012_7										
72	4.64	4.85	Earthen Levee	Encroachments	LS	M En	FE : Fence	38.203693 ° -121.556683 °	38.200593 ° -121.557208 °	38
DWR ID: DWR_RD0556_02_s_2012_38										

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/27/2013 09/27/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
73	4.72	4.72	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:12547 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: 4/25/2013	38.202301 ° -121.556952 °	38.202301 ° -121.556952 °	284 Y
DWR ID: DWR_RD0556_02_f_2013_284										
74	4.72	4.90	Earthen Levee	Vegetation	LS	U Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Remove woody growth from levee section landward, visibility is blocked.	38.202286 ° -121.556981 °	38.199854 ° -121.557576 °	63 Y
DWR ID: DWR_RD0556_02_f_2012_63										
75	4.74	4.85	Earthen Levee	Encroachments	WS	M En	FE : Fence	38.202250 ° -121.556892 °	38.200597 ° -121.557203 °	39 Y
DWR ID: DWR_RD0556_02_s_2012_39										
76	4.80	4.92	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.201362 ° -121.557077 °	38.199558 ° -121.557603 °	5 Y
DWR ID: DWR_RD0556_02_s_2012_5										
77	4.80	4.92	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.201362 ° -121.557077 °	38.199558 ° -121.557603 °	37 Y
DWR ID: DWR_RD0556_02_f_2012_37										
78	4.82	4.95	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.200676 ° -121.557136 °	38.199025 ° -121.557923 °	11 Y
DWR ID: DWR_RD0556_02_s_2012_11										
79	4.85	4.88	Supplemental	USACE Erosion Survey	WS	M Ma	Inspector Comments: 1999 - Downstream 140 ft repaired with rock. 2010 - Lots of woody debris, but no changes to site. 2012: No observed change. [2012 Site ID: SAC_21-5_L]	38.200646 ° -121.557606 °	38.200225 ° -121.557749 °	27 Y
DWR ID:										
80	4.95	4.95	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:12564 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: 4/25/2013	38.199133 ° -121.557939 °	38.199133 ° -121.557939 °	285 Y
DWR ID: DWR_RD0556_02_f_2013_285										
81	5.01	5.07	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.198403 ° -121.558263 °	38.197618 ° -121.558800 °	4 Y
DWR ID: DWR_RD0556_02_s_2012_4										

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0556 Upper Andrus

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River						Left	5.72	09/27/2013 09/27/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
82	5.03	5.21	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.198039 ° -121.558494 °	38.195649 ° -121.560050 °	10
DWR ID: DWR_RD0556_02_s_2012_10										
83	5.09	5.16	Earthen Levee	Vegetation	LS	M En	V6 : Landscaping	38.197453 ° -121.558972 °	38.196493 ° -121.559510 °	33
DWR ID: DWR_RD0556_02_s_2012_33										
84	5.21	5.21	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:12570 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: 4/25/2013	38.195755 ° -121.560078 °	38.195755 ° -121.560078 °	286 Y
DWR ID: DWR_RD0556_02_f_2013_286										
85	5.38	5.67	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.194068 ° -121.562117 °	38.192117 ° -121.566833 °	1
DWR ID: DWR_RD0556_02_s_2012_1										
86	5.39	5.42	Earthen Levee	Trim / Thin Trees	LS	M Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.193850 ° -121.562362 °	38.193498 ° -121.562868 °	41
DWR ID: DWR_RD0556_02_f_2012_41										
87	5.41	5.44	Earthen Levee	Vegetation	LS	M En	V6 : Landscaping	38.193760 ° -121.562458 °	38.193445 ° -121.562895 °	31
DWR ID: DWR_RD0556_02_s_2012_31										
88	5.42	5.44	Earthen Levee	Vegetation	LS	M En	V6 : Landscaping	38.193708 ° -121.562622 °	38.193445 ° -121.562965 °	2
DWR ID: DWR_RD0556_02_s_2012_2										
89	5.45	5.45	Earthen Levee	Encroachments	WS	M En	TR : Tree or limb	38.193391 ° -121.563159 °	38.193391 ° -121.563159 °	20
DWR ID: DWR_RD0556_02_s_2012_20										

*** Location**

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CR : Crown

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C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/27/2013 09/27/2013	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Water Side
Category	Earthen Levee
Item	Vegetation

RD 556 Unit 2 looking upstream from the water side slope levee mile 0.00. Photo taken 9-27-2013. Both slopes can be seen from this location.

phillips_f_20131028_664.JPG



Levee Mile Report Line	5
Start Levee Mile	0.08
End Levee Mile	0.14
Location	Water Side
Category	Earthen Levee
Item	Vegetation

RD 556 Water side wild growth on slope and shoulder. Photo taken 4-25-2013. No new photo taken 9-27-2013.

phillips_f_20130925_341.JPG



Levee Mile Report Line	9
Start Levee Mile	0.31
End Levee Mile	0.60
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

USACE2013_SAC_26-0_L_1.jpg



* 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 2013

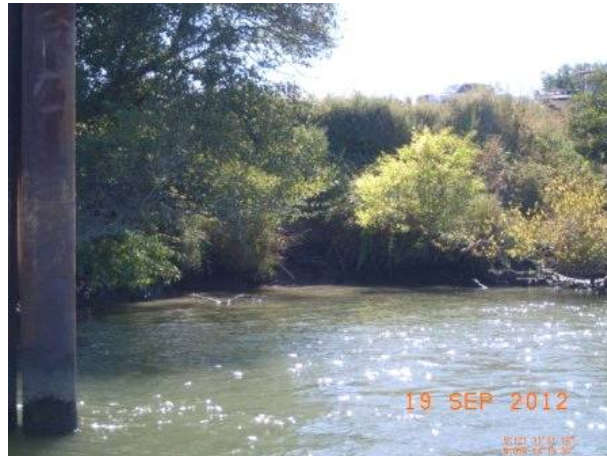
Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/27/2013 09/27/2013	Herman Phillips

Levee Mile Report Line	9
Start Levee Mile	0.31
End Levee Mile	0.60
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

USACE2013_SAC_26-0_L_2.jpg



Levee Mile Report Line	9
Start Levee Mile	0.31
End Levee Mile	0.60
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #3

USACE2013_SAC_26-0_L_3.jpg



Levee Mile Report Line	9
Start Levee Mile	0.31
End Levee Mile	0.60
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #4

USACE2013_SAC_26-0_L_4.jpg



* 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 2013

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/27/2013 09/27/2013	Herman Phillips

Levee Mile Report Line	15
Start Levee Mile	0.94
End Levee Mile	0.94
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study

LS- steel pipe on a concrete box

UCIP_6562.jpg



Levee Mile Report Line	17
Start Levee Mile	1.03
End Levee Mile	1.07
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Unsatisfactory growth on landward slope and toe of landward levee section. Photo taken 4-25-2013.

phillips_f_20130925_320.JPG



Levee Mile Report Line	18
Start Levee Mile	1.08
End Levee Mile	1.16
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

USACE2013_SAC_25-2_L_1.jpg



* 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 2013

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/27/2013 09/27/2013	Herman Phillips

Levee Mile Report Line	18
Start Levee Mile	1.08
End Levee Mile	1.16
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

USACE2013_SAC_25-2_L_2.jpg



Levee Mile Report Line	18
Start Levee Mile	1.08
End Levee Mile	1.16
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #3

USACE2013_SAC_25-2_L_3.jpg



Levee Mile Report Line	20
Start Levee Mile	1.17
End Levee Mile	1.37
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees

Unsatisfactory wild growth on landward slope blocking view of levee section. Photo taken 4-25-2013. No new photo taken 9-27-2013.

phillips_f_20130925_342.JPG



* 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 2013

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/27/2013 09/27/2013	Herman Phillips

Levee Mile Report Line	21
Start Levee Mile	1.22
End Levee Mile	1.22
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study

WS- 6-inch steel pipe on levee slope

UCIP_6572.jpg



Levee Mile Report Line	24
Start Levee Mile	1.45
End Levee Mile	1.59
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

USACE2013_SAC_24-8_L_1.jpg



Levee Mile Report Line	24
Start Levee Mile	1.45
End Levee Mile	1.59
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

USACE2013_SAC_24-8_L_2.jpg



* 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 2013

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/27/2013 09/27/2013	Herman Phillips

Levee Mile Report Line	24
Start Levee Mile	1.45
End Levee Mile	1.59
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #3

USACE2013_SAC_24-8_L_3.jpg



Levee Mile Report Line	24
Start Levee Mile	1.45
End Levee Mile	1.59
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #4

USACE2013_SAC_24-8_L_4.jpg



Levee Mile Report Line	27
Start Levee Mile	1.53
End Levee Mile	1.71
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Wild growth on landward levee section greater than 4 feet tall covering levee slope. Photo taken 4-25-2013. No new photo taken 9-27-2013.

phillips_f_20130925_343.JPG

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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

+ Issue Type

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/27/2013 09/27/2013	Herman Phillips

Levee Mile Report Line	29
Start Levee Mile	1.86
End Levee Mile	4.27
Location	Land Side
Category	Earthen Levee
Item	Vegetation

This photo captures some of the wild growth on the landward slope and shoulder that stretches for several miles. Only one photo was taken at the beginning of the run. Photo taken 4-25-2013. No new photo taken 9-27-2013.

phillips_f_20130925_344.JPG



Levee Mile Report Line	34
Start Levee Mile	2.10
End Levee Mile	2.16
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Unauthorized tree plantings along the toe waterward levee section looking downstream. Photo taken 4-25-2013. no new photo was taken during Fall inspection. 9-27-2013.

phillips_f_20130925_337.JPG



Levee Mile Report Line	35
Start Levee Mile	2.31
End Levee Mile	2.33
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Unauthorized tree planting along landward slope by land owner. Photo retaken in 9-27-2013.

phillips_f_20131028_666.JPG



* 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 2013

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/27/2013 09/27/2013	Herman Phillips

Levee Mile Report Line	36
Start Levee Mile	2.32
End Levee Mile	2.55
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees

Unwanted wild growth on waterside blocking visibility. Photo taken 9-27-2013.

phillips_f_20131028_667.JPG



Levee Mile Report Line	37
Start Levee Mile	2.38
End Levee Mile	2.73
Location	Land Side
Category	Earthen Levee
Item	Vegetation

RD 556 Unit 2 Bambo taking over the levee section landward. Photo taken 4-25-2013. No new photo taken 9-27-2013.

phillips_f_20130925_338.JPG



Levee Mile Report Line	41
Start Levee Mile	2.41
End Levee Mile	2.41
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

WS- pump, and gate valve in pump house.

UCIP_6576.jpg



* 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 2013

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/27/2013 09/27/2013	Herman Phillips

Levee Mile Report Line	45
Start Levee Mile	2.93
End Levee Mile	3.05
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

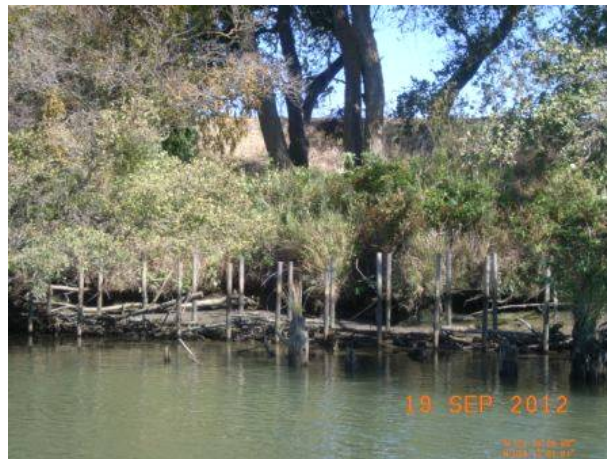
USACE2013_SAC_23-3_L_1.jpg



Levee Mile Report Line	45
Start Levee Mile	2.93
End Levee Mile	3.05
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

USACE2013_SAC_23-3_L_2.jpg



Levee Mile Report Line	45
Start Levee Mile	2.93
End Levee Mile	3.05
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #3

USACE2013_SAC_23-3_L_3.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/27/2013 09/27/2013	Herman Phillips

Levee Mile Report Line	46
Start Levee Mile	3.06
End Levee Mile	3.06
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study

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

UCIP_6583.jpg



Levee Mile Report Line	49
Start Levee Mile	3.16
End Levee Mile	3.28
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

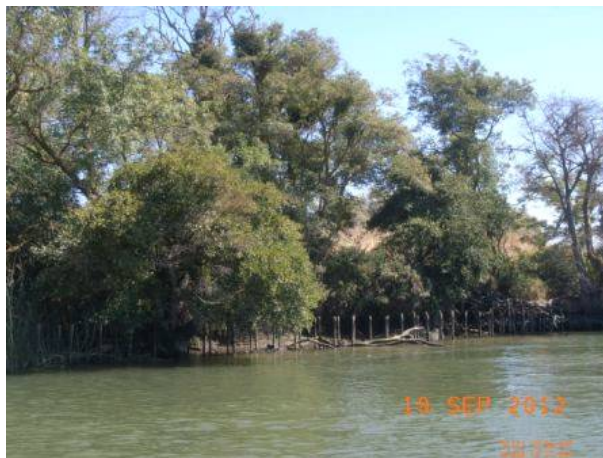
USACE2013_SAC_23-2_L_1.jpg



Levee Mile Report Line	49
Start Levee Mile	3.16
End Levee Mile	3.28
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

USACE2013_SAC_23-2_L_2.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
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A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/27/2013 09/27/2013	Herman Phillips

Levee Mile Report Line	49
Start Levee Mile	3.16
End Levee Mile	3.28
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #3

USACE2013_SAC_23-2_L_3.jpg



Levee Mile Report Line	52
Start Levee Mile	3.51
End Levee Mile	3.51
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study

LS- concrete box beneath steel pipe.

UCIP_6588.jpg



Levee Mile Report Line	54
Start Levee Mile	3.58
End Levee Mile	3.63
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

USACE2013_SAC_22-7_L_1.jpg



* 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 2013

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/27/2013 09/27/2013	Herman Phillips

Levee Mile Report Line	54
Start Levee Mile	3.58
End Levee Mile	3.63
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

USACE2013_SAC_22-7_L_2.jpg



Levee Mile Report Line	54
Start Levee Mile	3.58
End Levee Mile	3.63
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #3

USACE2013_SAC_22-7_L_3.jpg



Levee Mile Report Line	58
Start Levee Mile	3.95
End Levee Mile	4.12
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

USACE2013_SAC_22-5_L_1.jpg



* 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 2013

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/27/2013 09/27/2013	Herman Phillips

Levee Mile Report Line	58
Start Levee Mile	3.95
End Levee Mile	4.12
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

USACE2013_SAC_22-5_L_2.jpg



Levee Mile Report Line	58
Start Levee Mile	3.95
End Levee Mile	4.12
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #3

USACE2013_SAC_22-5_L_3.jpg



Levee Mile Report Line	58
Start Levee Mile	3.95
End Levee Mile	4.12
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #4

USACE2013_SAC_22-5_L_4.jpg



* 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 2013

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/27/2013 09/27/2013	Herman Phillips

Levee Mile Report Line	59
Start Levee Mile	3.98
End Levee Mile	3.98
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study

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

UCIP_6591.jpg



Levee Mile Report Line	60
Start Levee Mile	3.98
End Levee Mile	4.58
Location	Water Side
Category	Earthen Levee
Item	Vegetation

Waterside unwanted bambo on waterside slope completely blocking visibility of levee section. Photo taken 9-27-2013.

phillips_f_20131028_665.JPG



Levee Mile Report Line	62
Start Levee Mile	4.22
End Levee Mile	4.60
Location	Water Side
Category	Earthen Levee
Item	Vegetation

Unsatisfactory wild growth of bamboo blocking view of levee section waterward slope. Photo taken 4-25-2013. No new photo taken 9-27-2013.

phillips_f_20130925_336.JPG



* 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 2013

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/27/2013 09/27/2013	Herman Phillips

Levee Mile Report Line	65
Start Levee Mile	4.25
End Levee Mile	4.25
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

LS- levee crown and overview of landside.

UCIP_6596.jpg



Levee Mile Report Line	69
Start Levee Mile	4.53
End Levee Mile	4.89
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Unsatisfactory, this landscape blocks visibility to levee section. Photo taken 9-27-2013.

phillips_f_20131028_668.JPG



Levee Mile Report Line	70
Start Levee Mile	4.53
End Levee Mile	4.53
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

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

UCIP_6603.jpg



* 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 2013

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/27/2013 09/27/2013	Herman Phillips

Levee Mile Report Line	73
Start Levee Mile	4.72
End Levee Mile	4.72
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study

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

UCIP_6607.jpg



Levee Mile Report Line	74
Start Levee Mile	4.72
End Levee Mile	4.90
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Unsatisfactory wild growth along the landward levee section. Photo taken 9-27-2013.

phillips_f_20131028_669.JPG



Levee Mile Report Line	79
Start Levee Mile	4.85
End Levee Mile	4.88
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

USACE2013_SAC_21-5_L_1.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/27/2013 09/27/2013	Herman Phillips

Levee Mile Report Line	79
Start Levee Mile	4.85
End Levee Mile	4.88
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

USACE2013_SAC_21-5_L_2.jpg



Levee Mile Report Line	80
Start Levee Mile	4.95
End Levee Mile	4.95
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study

LS- concrete distribution box (top) and CMP riser (bottom)

UCIP_6615.jpg



Levee Mile Report Line	84
Start Levee Mile	5.21
End Levee Mile	5.21
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study

WS- pump house on levee slope

UCIP_6618.jpg



* 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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