

**Flood Control Project Maintenance
Levee Inspections**

**Fall 2010 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	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments		
					PO Miles	CO Miles	
Vegetation	4.99	1.39	10.55	94.28%			
Trim / Thin Trees	0.02	0.33	1.34	11.97%			
Encroachments	0.09	0.04	0.25	2.23%	1.74	0.39	
Slope Stability		0.25	1.00	8.94%			
USACE Erosion Survey	0.37	0.14	0.93	8.31%			
<i>LMA Totals:</i>	5.47	2.15	14.07	125.74%	1.74	0.39	

Unit No. 01 Georgiana Slough		Overall Unit Rating	Total Unit Miles				
		U	5.47				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments		
					PO Miles	CO Miles	
Vegetation	1.41	1.39	6.97	127.42%			
Trim / Thin Trees	0.02	0.33	1.34	24.50%			
Encroachments	0.09	0.04	0.25	4.57%	1.05	0.19	
Slope Stability		0.25	1.00	18.28%			
<i>Unit Totals:</i>	1.52	2.01	9.56	174.77%	1.05	0.19	

Unit No. 02 Sacramento River		Overall Unit Rating	Total Unit Miles				
		U	5.72				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments		
					PO Miles	CO Miles	
Vegetation	3.58		3.58	62.59%			
Encroachments					0.69	0.20	
USACE Erosion Survey	0.37	0.14	0.93	16.26%			
<i>Unit Totals:</i>	3.95	0.14	4.51	78.85%	0.69	0.20	

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2010 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.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2010 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	3/16/2010		11/16/2010	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	DuWain Silva RD 556		DuWain Silva RD 556 Mr. DuWain Silva RD 556	

Check one:

- During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.47	11/16/2010 11/16/2010	Herman Phillips

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.00	0.00	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	°	°	7 Y
2	0.00	0.00	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	°	°	8 Y
3	0.15	0.15	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.237008 ° -121.518210 °	38.237007 ° -121.518210 °	1
4	0.17	0.26	Earthen Levee	Trim / Thin Trees	LS	U	Trim trees to at least five feet above ground level.	38.236743 ° -121.518317 °	38.235492 ° -121.518557 °	2 Y
5	0.26	1.02	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	38.235567 ° -121.518488 °	38.227115 ° -121.527228 °	77
6	0.27	0.90	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.235433 ° -121.518600 °	38.228623 ° -121.526292 °	3
7	0.89	0.90	Earthen Levee	Encroachments	LS	PO	Landscaping	38.228680 ° -121.526200 °	38.228618 ° -121.526290 °	5
8	0.90	0.91	Earthen Levee	Trim / Thin Trees	LS	U	Trim trees to at least five feet above ground level.	38.228625 ° -121.526292 °	38.228463 ° -121.526497 °	6 Y
9	1.08	1.14	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	38.226967 ° -121.528062 °	38.227500 ° -121.529137 °	78
10	1.20	1.31	Earthen Levee	Trim / Thin Trees	LS	U	Trim trees to at least five feet above ground level.	38.227800 ° -121.530028 °	38.227797 ° -121.531967 °	11 Y
11	1.22	1.31	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	38.227933 ° -121.530337 °	38.227797 ° -121.531965 °	79
12	1.26	1.31	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.228038 ° -121.531102 °	38.227797 ° -121.531968 °	12
13	1.32	1.42	Earthen Levee	Trim / Thin Trees	LS	U	Trim trees to at least five feet above ground level.	38.227712 ° -121.532123 °	38.226640 ° -121.533457 °	13 Y
14	1.45	1.52	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.226293 ° -121.533642 °	38.225548 ° -121.534597 °	14
15	1.55	1.57	Earthen Levee	Encroachments	WS	U	Firewood	°	°	9 Y
16	1.64	1.69	Earthen Levee	Encroachments	WS	CO	Landscaping	38.224623 ° -121.536320 °	38.224408 ° -121.537180 °	17
17	1.65	1.68	Earthen Levee	Encroachments	LS	PO	Landscaping	38.224567 ° -121.536523 °	38.224438 ° -121.537048 °	18
18	1.69	1.71	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.224392 ° -121.537235 °	38.224333 ° -121.537528 °	19
19	1.89	1.93	Earthen Levee	Encroachments	LS	PO	Landscaping	38.223745 ° -121.540908 °	38.223677 ° -121.541510 °	20

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated C : Corrected W : Watch/Monitor
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.47	11/16/2010 11/16/2010	Herman Phillips

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
20	2.03	2.21	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	38.223517 ° -121.543458 °	38.221438 ° -121.544522 °	81
21	2.10	2.10	Earthen Levee	Encroachments	WS	CO	Landscaping	38.222873 ° -121.544335 °	38.222873 ° -121.544335 °	22
22	2.32	2.34	Earthen Levee	Trim / Thin Trees	LS	U	Trim trees to at least five feet above ground level.	38.219822 ° -121.544000 °	38.219592 ° -121.543927 °	24 Y
23	2.37	2.42	Earthen Levee	Encroachments	LS	PO	Landscaping	38.219083 ° -121.543872 °	38.218410 ° -121.543865 °	25
24	2.42	2.42	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.218373 ° -121.543847 °	38.218373 ° -121.543847 °	26
25	2.42	2.69	Earthen Levee	Encroachments	LS	PO	Buildings	38.218373 ° -121.543847 °	38.215230 ° -121.541147 °	28
26	2.46	2.50	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.217757 ° -121.543827 °	38.217285 ° -121.543693 °	82
27	2.60	2.65	Earthen Levee	Encroachments	LS	M	Firewood	38.224263 ° -121.537491 °	38.215675 ° -121.541892 °	4 Y
28	2.65	2.65	Earthen Levee	Encroachments	LS	M	Firewood	38.215675 ° -121.541892 °	38.215608 ° -121.541788 °	83
29	2.71	2.74	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.215115 ° -121.540940 °	38.214885 ° -121.540457 °	29
30	2.71	2.72	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.215063 ° -121.540833 °	38.214992 ° -121.540727 °	30
31	2.90	2.91	Earthen Levee	Encroachments	LS	PO	Fences	38.213403 ° -121.538375 °	38.213262 ° -121.538283 °	31
32	2.94	2.95	Earthen Levee	Encroachments	WS	C	Firewood	38.212818 ° -121.537903 °	38.212775 ° -121.537857 °	33
33	2.95	2.95	Earthen Levee	Encroachments	LS	PO	Landscaping	38.212773 ° -121.537857 °	38.212773 ° -121.537857 °	32
34	2.97	2.99	Earthen Levee	Encroachments	LS	CO	Landscaping	38.212573 ° -121.537648 °	38.212320 ° -121.537407 °	34
35	2.99	3.04	Earthen Levee	Encroachments	LS	PO	Landscaping	38.212242 ° -121.537333 °	38.211650 ° -121.536972 °	35
36	3.03	3.03	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	38.211842 ° -121.537018 °	38.211793 ° -121.536998 °	36
37	3.12	3.15	Earthen Levee	Encroachments	LS	PO	Landscaping	38.211010 ° -121.538043 °	38.210857 ° -121.538632 °	39
38	3.12	3.13	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	38.211008 ° -121.538072 °	38.210972 ° -121.538218 °	40

<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated</p>	<p>C : Corrected W : Watch/Monitor</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.47	11/16/2010 11/16/2010	Herman Phillips

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
39	3.24	3.24	Earthen Levee	Encroachments	LS	M	Tree or limb	38.210145 ° -121.540042 °	38.210140 ° -121.540055 °	42
40	3.31	3.32	Earthen Levee	Encroachments	LS	PO	Landscaping	38.209525 ° -121.540880 °	38.209352 ° -121.540972 °	46
41	3.35	3.50	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	38.209027 ° -121.541302 °	38.206893 ° -121.541815 °	84
42	3.35	3.75	Earthen Levee	Encroachments	LS	PO	Fences	38.209003 ° -121.541328 °	38.203418 ° -121.541070 °	47
43	3.35	3.42	Earthen Levee	Encroachments	LS	PO	Landscaping	38.208982 ° -121.541340 °	38.208112 ° -121.541558 °	48
44	3.43	3.47	Earthen Levee	Encroachments	LS	C	Pipe	38.207932 ° -121.541628 °	38.207298 ° -121.541817 °	49
45	3.43	3.44	Earthen Levee	Encroachments	LS	C	Tree or limb	38.207868 ° -121.541652 °	38.207808 ° -121.541682 °	50
46	3.44	3.46	Earthen Levee	Encroachments	WS	U	Pipe	38.207812 ° -121.541683 °	38.207552 ° -121.541755 °	51 Y
47	3.50	3.75	Earthen Levee	Slope Stability	LS	U	Repair the levee slope damaged by foot traffic and prevent access where possible.	38.206880 ° -121.541798 °	38.203420 ° -121.541070 °	52 Y
48	3.57	3.91	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	38.205948 ° -121.541727 °	38.201620 ° -121.542167 °	85
49	3.57	3.58	Earthen Levee	Encroachments	WS	M	Garbage	38.205888 ° -121.541763 °	38.205808 ° -121.541747 °	53
50	3.75	3.80	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	38.203417 ° -121.541070 °	38.202695 ° -121.540967 °	54
51	3.87	3.91	Earthen Levee	Encroachments	LS	PO	Landscaping	38.201907 ° -121.541672 °	38.201603 ° -121.542302 °	55
52	3.91	3.98	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	38.201603 ° -121.542307 °	38.201135 ° -121.543492 °	56
53	3.92	3.95	Earthen Levee	Encroachments	WS	PO	Landscaping	38.201527 ° -121.542497 °	38.201365 ° -121.542877 °	57
54	3.94	4.05	Earthen Levee	Encroachments	WS	CO	Buildings Inspector Comments: There is a remodeling of a home here The owner is Dona Blower.	38.201475 ° -121.542832 °	38.200617 ° -121.544530 °	86
55	4.01	4.15	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.200930 ° -121.543990 °	38.199552 ° -121.545590 °	58
56	4.06	4.07	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.200523 ° -121.544690 °	38.200487 ° -121.544763 °	59
57	4.07	5.45	Earthen Levee	Vegetation	WS	U	Remove the wild growth other than native grasses from the levee slopes.	38.200460 ° -121.544753 °	38.186493 ° -121.562288 °	87 Y

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated	C : Corrected W : Watch/Monitor
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.47	11/16/2010 11/16/2010	Herman Phillips

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
58	4.09	5.45	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: This section of levee both landward and waterward is completely overgrown with bamboo, wild berries willow trees and other such wild growth.	38.200292 ° -121.544968 °	38.186532 ° -121.562250 °	88
59	4.15	4.16	Earthen Levee	Vegetation	WS	U	Remove the wild growth other than native grasses from the levee slopes.	38.199553 ° -121.545592 °	38.199503 ° -121.545652 °	60 Y
60	4.16	4.21	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	38.199502 ° -121.545655 °	38.198728 ° -121.546153 °	62
61	5.02	5.41	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: From levee mile 5.02-5.42 the District has cleaned up the levee slopes since my initial inspection. The land side slope has been mowed except for the toe area there yet remain some wild growth of berries and willows that can be mowed from the bottom.	38.186750 ° -121.561890 °	38.190780 ° -121.556590 °	89
62	5.42	5.42	Earthen Levee	Encroachments	WS	M	Tree or limb	38.186623 ° -121.561740 °	38.186623 ° -121.561740 °	76

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated C : Corrected W : Watch/Monitor
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.47	11/16/2010 11/16/2010	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Standing on land side looking downstream from levee mile 0.00 Unit 1 RD 556. Photo taken 11-17-2010	
phillips_f_20101129_337.jpg	



Levee Mile Report Line	2
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Standing on water side from levee mile 0.00 looking downstream of RD 556 Unit 1. Photo taken 11-17-2010.	
phillips_f_20101129_338.jpg	



Levee Mile Report Line	4
Start Levee Mile	0.17
End Levee Mile	0.26
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
Looking downstream from levee mile 0.17 unsatisfactory growth on landside slope. Photo taken 11-17-2010	
phillips_f_20101129_336.jpg	



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated</p>	<p>C : Corrected W : Watch/Monitor</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.47	11/16/2010 11/16/2010	Herman Phillips

Levee Mile Report Line	8
Start Levee Mile	0.90
End Levee Mile	0.91
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
<p>Standing on landside from levee mile 0.90 looking downstream to levee mile 0.91 unsatisfactory wild growth on shoulder and slope of Unit 1 RD 556</p>	
<p>phillips_f_20101129_340.jpg</p>	



Levee Mile Report Line	10
Start Levee Mile	1.20
End Levee Mile	1.31
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
<p>Standing on landside from levee mile 1.20 looking downstream at wild growth on landside shoulder and slope of Unit 1 RD 556. Photo taken 11-17-2010</p>	
<p>phillips_f_20101129_341.jpg</p>	



Levee Mile Report Line	13
Start Levee Mile	1.32
End Levee Mile	1.42
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
<p>Standing on landside Unit 1 RD 556 from levee mile 1.32 looking downstream to levee mile 1.42 unsatisfactory growth remains on levee section. Photo taken 11-17-2010</p>	
<p>phillips_f_20101129_342.jpg</p>	



<p>* Location LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated</p>	<p>C : Corrected W : Watch/Monitor</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.47	11/16/2010 11/16/2010	Herman Phillips

Levee Mile Report Line	15
Start Levee Mile	1.55
End Levee Mile	1.57
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Standing on land side from levee mile 1.55 looking at water side shoulder unauthorized dumping of cut up trees has been placed on levee section to levee mile 1.57. District need to remove this encroachment from the levee section. Photo taken 11-17-2010

phillips_f_20101129_343.jpg



Levee Mile Report Line	22
Start Levee Mile	2.32
End Levee Mile	2.34
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Standing on waterside of Unit 1 RD 556 from levee miles 2.34 looking back upstream to levee 2.32 unauthorized tree growth remains on levee section. Photo taken 11-17-2010

phillips_f_20101129_344.jpg



Levee Mile Report Line	27
Start Levee Mile	2.60
End Levee Mile	2.65
Location	Land Side
Category	Earthen Levee
Item	Encroachments

RD 556 Unit 1 standing on land side from levee mile 2.60 looking down stream to levee mile 2.65 unauthorized placement of fire wood on the slope and toe of levee section. District is to contact landowner and have it removed. Photo taken 11-16-2010.

phillips_f_20101130_350.jpg



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated</p>	<p>C : Corrected W : Watch/Monitor</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.47	11/16/2010 11/16/2010	Herman Phillips

Levee Mile Report Line	27
Start Levee Mile	2.60
End Levee Mile	2.65
Location	Land Side
Category	Earthen Levee
Item	Encroachments
<p>Standing on land side levee mile 2.65 looking back up stream to levee mile 2.60 view from down stream end of encroachment. Photo taken 11-16-2010</p>	
<p>phillips_f_20101130_351.jpg</p>	



Levee Mile Report Line	46
Start Levee Mile	3.44
End Levee Mile	3.46
Location	Water Side
Category	Earthen Levee
Item	Encroachments
<p>Unit 1 RD 556 Un authorized dumping of concrete pipe and blocks of water side shoulder and berm. Photo taken 11-17-2010 (Unsatisfactory).</p>	
<p>phillips_f_20101129_347.jpg</p>	



Levee Mile Report Line	47
Start Levee Mile	3.50
End Levee Mile	3.75
Location	Land Side
Category	Earthen Levee
Item	Slope Stability
<p>This section of levee unit 1 RD 556 levee mile 3.50 to levee mile 3.75 was damaged by the Land owner's livestock (goats) that never was repaired. Photo taken 11-17-2010</p>	
<p>phillips_f_20101129_346.jpg</p>	



<p>* Location LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated</p>	<p>C : Corrected W : Watch/Monitor</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.47	11/16/2010 11/16/2010	Herman Phillips

Levee Mile Report Line	57
Start Levee Mile	4.07
End Levee Mile	5.45
Location	Water Side
Category	Earthen Levee
Item	Vegetation
<p>Standing on water side shoulder looking downstream at unsatisfactory growth on levee section levee mile 4.07 to 5.45. Photo taken 11-17-2010</p>	
<p>phillips_f_20101129_348.jpg</p>	



Levee Mile Report Line	59
Start Levee Mile	4.15
End Levee Mile	4.16
Location	Water Side
Category	Earthen Levee
Item	Vegetation
<p>Unsatisfactory growth of bambo on water side section Unit 1 RD 556 Levee mile 4.15 looking down stream to levee mile 4.16. Tthis section was burned however the new growth has come back. Photo taken 11-17-2010</p>	
<p>phillips_f_20101129_349.jpg</p>	



<p>* Location LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated</p>	<p>C : Corrected W : Watch/Monitor</p>
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2010 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	3/16/2010		9/23/2010	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By			Mr. DuWain Silva RD 556	

Check one:

- During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :
 DWR Summer/Winter Inspection Reports
 3310 El Camino Avenue, Room LL-30
 Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	11/16/2010 11/16/2010	Herman Phillips

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.00	0.00	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	°	°	6 Y
2	0.00	0.00	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	°	°	12 Y
3	0.06	2.76	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.238273 ° -121.518020 °	38.230745 ° -121.555988 °	26
4	1.44	1.58	Supplemental	USACE Erosion Survey	WS	U	Inspector Comments: tree hazards, slumping	38.240464 ° -121.544065 °	38.240785 ° -121.546753 °	943
5	2.74	2.76	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	38.231002 ° -121.556160 °	38.230745 ° -121.555987 °	25
6	2.78	2.82	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	38.230402 ° -121.555803 °	38.229940 ° -121.555532 °	24
7	2.82	2.84	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	38.229928 ° -121.555527 °	38.229650 ° -121.555427 °	23
8	2.84	2.87	Earthen Levee	Encroachments	LS	CO	Landscaping	38.229553 ° -121.555398 °	38.229097 ° -121.555325 °	22
9	2.88	2.88	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	38.229038 ° -121.555297 °	38.229038 ° -121.555297 °	21
10	2.90	2.94	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	38.228708 ° -121.555237 °	38.228217 ° -121.555115 °	20
11	3.08	3.08	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	38.226078 ° -121.555205 °	38.226078 ° -121.555205 °	19
12	3.14	3.23	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	38.225252 ° -121.555198 °	38.223873 ° -121.555368 °	17
13	3.14	3.46	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	38.225252 ° -121.555200 °	38.220630 ° -121.555737 °	16
14	3.17	3.28	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: tree hazards, caves	38.224851 ° -121.555783 °	38.223233 ° -121.555829 °	942
15	3.55	3.57	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.219412 ° -121.556228 °	38.219135 ° -121.556318 °	15
16	3.58	3.64	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: tree hazards	38.218951 ° -121.556760 °	38.218104 ° -121.556890 °	941
17	3.83	3.85	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.215428 ° -121.556800 °	38.215100 ° -121.556795 °	13
18	3.94	3.95	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.213713 ° -121.556752 °	38.213658 ° -121.556760 °	41
19	3.96	4.12	Supplemental	USACE Erosion Survey	LS	M	Inspector Comments: caves	38.213449 ° -121.557260 °	38.211112 ° -121.557143 °	940

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated	C : Corrected W : Watch/Monitor
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	11/16/2010 11/16/2010	Herman Phillips

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
20	4.14	4.38	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	38.210892 ° -121.556688 °	38.207420 ° -121.556703 °	10
21	4.14	4.35	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	38.210822 ° -121.556685 °	38.207775 ° -121.556695 °	11
22	4.16	5.11	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	38.210605 ° -121.556770 °	38.197088 ° -121.559165 °	36
23	4.39	4.64	Earthen Levee	Encroachments	LS	PO	Landscaping	38.207202 ° -121.556853 °	38.203693 ° -121.556685 °	40
24	4.46	4.62	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.206193 ° -121.556708 °	38.203868 ° -121.556823 °	9
25	4.63	4.74	Earthen Levee	Encroachments	LS	PO	Fences	38.203727 ° -121.556835 °	38.202218 ° -121.556960 °	7
26	4.64	4.85	Earthen Levee	Encroachments	LS	PO	Fences	38.203693 ° -121.556683 °	38.200593 ° -121.557208 °	38
27	4.69	4.73	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	38.202923 ° -121.556902 °	38.202405 ° -121.556943 °	8
28	4.74	4.85	Earthen Levee	Encroachments	WS	CO	Fences	38.202250 ° -121.556892 °	38.200597 ° -121.557203 °	39
29	4.80	4.92	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.201362 ° -121.557077 °	38.199558 ° -121.557603 °	5
30	4.85	4.89	Supplemental	USACE Erosion Survey	LS	M	Inspector Comments: tree hazards	38.200646 ° -121.557686 °	38.200225 ° -121.557829 °	939
31	5.01	5.07	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.198403 ° -121.558263 °	38.197618 ° -121.558800 °	4
32	5.09	5.16	Earthen Levee	Encroachments	LS	PO	Landscaping	38.197453 ° -121.558972 °	38.196493 ° -121.559510 °	33
33	5.10	5.16	Earthen Levee	Encroachments	LS	CO	Landscaping	38.197295 ° -121.558982 °	38.196488 ° -121.559465 °	3
34	5.38	5.56	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.194045 ° -121.562088 °	38.192622 ° -121.564913 °	35
35	5.38	5.67	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.194068 ° -121.562117 °	38.192117 ° -121.566833 °	1
36	5.41	5.44	Earthen Levee	Encroachments	LS	PO	Landscaping	38.193760 ° -121.562458 °	38.193445 ° -121.562895 °	31
37	5.42	5.44	Earthen Levee	Encroachments	LS	PO	Landscaping	38.193708 ° -121.562622 °	38.193445 ° -121.562965 °	2

<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated</p>	<p>C : Corrected W : Watch/Monitor</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	11/16/2010 11/16/2010	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation
<p>Standing on levee mile 0.00 of RD 556 Unit 2 looking down stream of landside. Photo taken 11-16-2010</p>	
<p>phillips_f_20101130_352.jpg</p>	



Levee Mile Report Line	2
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Water Side
Category	Earthen Levee
Item	Vegetation
<p>Standing on water side of levee mile 0.00 Unit 2 of RD 556 looking downstream. This photo taken 11-16-2010. Levee mile 0.00 there is a Veg. site in view of this shot.</p>	
<p>phillips_f_20101130_353.jpg</p>	



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated</p>	<p>C : Corrected W : Watch/Monitor</p>
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