

**Flood Control Project Maintenance
Levee Inspections**

Fall 2013 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

RD2104	Overall LMA Rating	Total LMA Miles						
Reclamation District No. 2104 Peters Pocket Tract	U	7.40						
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	21.76	9.98	61.68	833.51%				
Trim / Thin Trees	0.05		0.05	0.68%				
Encroachments	0.01		0.01	0.14%				
Animal Control		0.01	0.04	0.54%				
Slope Stability	0.03	0.01	0.07	0.95%				
Erosion / Bank Caving	0.15		0.15	2.03%				
Cracking	0.04		0.04	0.54%				
Crown Surface / Depressions / Rutting	10.76		10.76	145.41%				
Repair Gates	0.03		0.03	0.41%				
Operations & Maintenance Manuals	0.07		0.07	0.95%				
Emergency Supplies & Equipment	0.07		0.07	0.95%				
Flood Preparedness & Training	0.07		0.07	0.95%				
LMA Totals:	33.05	10.00	73.05	987.16%	0.00	0.00	0.00	0.00

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

Reclamation District No. 2104 Peters Pocket Tract

	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. 2104 Peters Pocket Tract

Waterway			Bank	Unit Miles
Unit No. 01 Cache Slough			Left	7.40
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	04/26/2013 - 04/26/2013		10/22/2013 - 10/22/2013	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By				

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. 2104 Peters Pocket Tract

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Cache Slough				Left	7.40	10/22/2013 10/22/2013	Herman Phillips	

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1			Earthen Levee	Flood Preparedness & Training	WS	M Ma	Inspector Comments: District needs to have their staff flood fight trained.	°	°	12
								°	°	
								DWR ID: DWR_RD2104_01_s_2012_12		
2			Earthen Levee	Operations & Maintenance Manuals	WS	M Ma		°	°	14
								°	°	
								DWR ID: DWR_RD2104_01_f_2012_14		
3			Earthen Levee	Emergency Supplies & Equipment	WS	M Ma	Inspector Comments: District needs to have flood fight supplies in storage.	°	°	40
								°	°	
								DWR ID: DWR_RD2104_01_s_2012_40		
4	0.00	6.83	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M Ma	C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation. Inspector Comments: RD 2104 has no all weather road. The levee needs to be regraded for proper drainage. The crown needs to be free of vegetation, properly sloped, and gravel added where needed.	38.308103 ° -121.758586 °	38.315873 ° -121.758172 °	34
								DWR ID: DWR_RD2104_01_f_2012_34		
5	0.01	0.01	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.308296 ° -121.758594 °	38.308296 ° -121.758594 °	42 Y
								DWR ID: DWR_RD2104_01_s_2012_42		
6	0.07	5.10	Earthen Levee	Vegetation	WS	M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.307417 ° -121.758430 °	38.318426 ° -121.744512 °	11
								DWR ID: DWR_RD2104_01_f_2013_11		
7	0.07	5.10	Earthen Levee	Vegetation	LS	M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.307417 ° -121.758430 °	38.318426 ° -121.744513 °	4
								DWR ID: DWR_RD2104_01_f_2013_4		
8	0.19	0.22	Earthen Levee	Vegetation	WS	U Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Remove unsatisfactory wild growth from waterside levee slope.	38.305912 ° -121.757520 °	38.305583 ° -121.757220 °	8 Y
								DWR ID: DWR_RD2104_01_s_2012_8		
9	0.20	0.22	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.305837 ° -121.757463 °	38.305547 ° -121.757178 °	17
								DWR ID: DWR_RD2104_01_s_2012_17		
10	0.27	0.27	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M Ma	C2 : Repair depressions or ruts in the crown or slope.	38.305022 ° -121.756692 °	38.305022 ° -121.756692 °	1
								DWR ID: DWR_RD2104_01_s_2012_1		
11	0.30	0.30	Earthen Levee	Trim / Thin Trees	LS	M Ma	T4 : Trim trees over roadway to at least 12 feet above ground level.	38.304657 ° -121.756570 °	38.304657 ° -121.756570 °	18
								DWR ID: DWR_RD2104_01_s_2012_18		
12	0.31	0.31	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.304662 ° -121.756520 °	38.304662 ° -121.756520 °	3
								DWR ID: DWR_RD2104_01_s_2012_3		

*** 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. 2104 Peters Pocket Tract

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough							Left	7.40	10/22/2013 10/22/2013	Herman Phillips
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
13	0.33	0.39	Earthen Levee	Vegetation	WS	M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.304372 ° -121.756500 °	38.303481 ° -121.756470 °	51
								DWR ID: DWR_RD2104_01_f_2013_51		
14	0.35	0.47	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M Ma	C2 : Repair depressions or ruts in the crown or slope.	38.304057 ° -121.756488 °	38.302517 ° -121.756322 °	21
								DWR ID: DWR_RD2104_01_s_2012_21		
15	0.38	0.42	Earthen Levee	Cracking	LS	M Ma	CR1 : Monitor and have inspected by geotechnical engineer.	38.303675 ° -121.756473 °	38.303170 ° -121.756507 °	59
								DWR ID: DWR_RD2104_01_f_2013_59		
16	0.42	0.49	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.303130 ° -121.756533 °	38.302260 ° -121.755987 °	5
								DWR ID: DWR_RD2104_01_s_2012_5		
17	0.42	0.67	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.303058 ° -121.756542 °	38.300238 ° -121.754347 °	6
								DWR ID: DWR_RD2104_01_s_2012_6		
18	0.94	1.40	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.299406 ° -121.749969 °	38.295655 ° -121.742505 °	44
								DWR ID: DWR_RD2104_01_s_2013_44		
19	0.94	1.40	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.299406 ° -121.749968 °	38.295655 ° -121.742507 °	43
								DWR ID: DWR_RD2104_01_s_2013_43		
20	0.96	5.08	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.299363 ° -121.749820 °	38.318437 ° -121.744451 °	30
								DWR ID: DWR_RD2104_01_s_2012_30		
21	1.11	1.11	Earthen Levee	Trim / Thin Trees	LS	M Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.297886 ° -121.748133 °	38.297886 ° -121.748133 °	31
								DWR ID: DWR_RD2104_01_s_2012_31		
22	1.36	1.37	Earthen Levee	Animal Control	WS	U Ma	A2 : Repair the levee slope damaged by livestock and prevent large animal access. Inspector Comments: Damage to levee slope caused by cattle.	38.296280 ° -121.744399 °	38.296209 ° -121.744330 °	60 Y
								DWR ID: DWR_RD2104_01_f_2013_60		
23	1.36	1.37	Earthen Levee	Trim / Thin Trees	WS	M Ma	T1 : Trim trees to at least five feet above ground level. Inspector Comments: Remove tree branches off levee slope waterside.	38.296237 ° -121.744327 °	38.296158 ° -121.744262 °	9
								DWR ID: DWR_RD2104_01_s_2012_9		
24	1.37	1.38	Earthen Levee	Trim / Thin Trees	WS	M Ma	T1 : Trim trees to at least five feet above ground level.	38.296168 ° -121.744355 °	38.296110 ° -121.744300 °	13
								DWR ID: DWR_RD2104_01_s_2012_13		
25	1.40	5.63	Earthen Levee	Vegetation	WS	U Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: The slope here is overgrown with unwanted vegetation from levee mile 1.40-5.63. This District has not done any maintenance on this levee in several years, livestock has taken over this levee. Fall 2013.	38.295721 ° -121.742440 °	38.323299 ° -121.749736 °	27 Y
								DWR ID: DWR_RD2104_01_s_2012_27		

*** Location**

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+ Issue Type

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En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 2104 Peters Pocket Tract

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough						Left	7.40	10/22/2013 10/22/2013	Herman Phillips
LMR No.	Levee Mile		Category	Item	Location * + Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End					Start	End	
26	1.50	5.10	Earthen Levee	Vegetation	CR M Ma	V9 : Keep the crown roadway free of vegetation. Inspector Comments: Crown roadway needs to be void of weeds from levee mile 1.50 to levee mile 5.10.	38.295702 ° -121.742454 °	38.318462 ° -121.744536 °	50 Y
DWR ID: DWR_RD2104_01_s_2013_50									
27	1.52	3.17	Earthen Levee	Vegetation	CR U Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.295734 ° -121.742070 °	38.297877 ° -121.730293 °	10 Y
DWR ID: DWR_RD2104_01_f_2013_10									
28	1.58	1.58	Earthen Levee	Repair Gates	CR M Ma		38.295234 ° -121.741293 °	38.295234 ° -121.741293 °	2
DWR ID: DWR_RD2104_01_f_2013_2									
29	1.64	1.64	Earthen Levee	Encroachments	LS M Ma	MA : Material Inspector Comments: During the spring 2012 inspection, this encroachment has not been removed from the levee toe.	38.293747 ° -121.739126 °	38.293747 ° -121.739126 °	23
DWR ID: DWR_RD2104_01_s_2012_23									
30	1.86	1.86	Earthen Levee	Repair Gates	LS M Ma		38.293452 ° -121.737818 °	38.293452 ° -121.737818 °	7
DWR ID: DWR_RD2104_01_f_2013_7									
31	2.08	2.09	Earthen Levee	Erosion / Bank Caving	WS M Ma	E1 : Note and monitor erosion site.	38.292027 ° -121.734575 °	38.291947 ° -121.734453 °	16
DWR ID: DWR_RD2104_01_s_2012_16									
32	2.32	3.14	Earthen Levee	Crown Surface / Depressions / Rutting	CR M Ma	C2 : Repair depressions or ruts in the crown or slope.	38.291940 ° -121.730687 °	38.297485 ° -121.730149 °	35
DWR ID: DWR_RD2104_01_s_2012_35									
33	2.66	5.10	Earthen Levee	Vegetation	LS U Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.292255 ° -121.725897 °	38.318462 ° -121.744535 °	47
DWR ID: DWR_RD2104_01_s_2013_47									
34	2.79	2.80	Earthen Levee	Erosion / Bank Caving	LS M Ma	E1 : Note and monitor erosion site.	38.323780 ° -121.752410 °	38.323730 ° -121.752430 °	33
DWR ID: DWR_RD2104_01_s_2012_33									
35	3.30	3.30	Earthen Levee	Erosion / Bank Caving	LS M Ma	E1 : Note and monitor erosion site.	38.299679 ° -121.730469 °	38.299679 ° -121.730469 °	46
DWR ID: DWR_RD2104_01_s_2012_46									
36	3.37	3.37	Earthen Levee	Trim / Thin Trees	WS M Ma	T1 : Trim trees to at least five feet above ground level.	38.300571 ° -121.730411 °	38.300571 ° -121.730411 °	36
DWR ID: DWR_RD2104_01_s_2012_36									
37	3.54	5.10	Earthen Levee	Vegetation	CR U Ma	V9 : Keep the crown roadway free of vegetation.	38.302603 ° -121.730032 °	38.318426 ° -121.744512 °	15 Y
DWR ID: DWR_RD2104_01_f_2013_15									
38	3.74	3.74	Earthen Levee	Repair Gates	CR M Ma		38.304727 ° -121.731067 °	38.304727 ° -121.731067 °	22
DWR ID: DWR_RD2104_01_f_2013_22									
39	4.58	4.65	Earthen Levee	Vegetation	WS U Ma	V7 : Trees / Woody Vegetation	38.313139 ° -121.739046 °	38.313905 ° -121.739877 °	61 Y
DWR ID: DWR_RD2104_01_f_2013_61									

* Location	** Rating	+ Issue Type
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CR : Crown	U : Unacceptable	En : Enforcement
	N : Not Inspected/Rated	
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	A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 2104 Peters Pocket Tract

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough							Left	7.40	10/22/2013 10/22/2013	Herman Phillips
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
40	4.88	4.88	Earthen Levee	Erosion / Bank Caving	LS	M Ma	E1 : Note and monitor erosion site.	38.319559 ° -121.747085 °	38.319559 ° -121.747085 °	24
								DWR ID: DWR_RD2104_01_s_2012_24		
41	4.90	4.90	Earthen Levee	Erosion / Bank Caving	LS	M Ma	E1 : Note and monitor erosion site.	38.319812 ° -121.747434 °	38.319812 ° -121.747434 °	29
								DWR ID: DWR_RD2104_01_s_2012_29		
42	4.94	4.95	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.316964 ° -121.742691 °	38.317055 ° -121.742824 °	62
								DWR ID: DWR_RD2104_01_f_2013_62		
43	5.03	5.03	Earthen Levee	Erosion / Bank Caving	LS	M Ma	E1 : Note and monitor erosion site.	38.321582 ° -121.748546 °	38.321582 ° -121.748546 °	41
								DWR ID: DWR_RD2104_01_s_2012_41		
44	5.15	5.15	Earthen Levee	Erosion / Bank Caving	LS	M Ma	E1 : Note and monitor erosion site.	38.318685 ° -121.745368 °	38.318685 ° -121.745368 °	53
								DWR ID: DWR_RD2104_01_s_2013_53		
45	5.27	5.27	Earthen Levee	Slope Stability	LS	M Ma	S1 : Repair slope instability.	38.319539 ° -121.747048 °	38.319539 ° -121.747048 °	20
								DWR ID: DWR_RD2104_01_f_2013_20		
46	5.30	5.30	Earthen Levee	Slope Stability	LS	M Ma	S1 : Repair slope instability.	38.319772 ° -121.747361 °	38.319772 ° -121.747361 °	48
								DWR ID: DWR_RD2104_01_f_2013_48		
47	5.30	7.04	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M Ma	C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.	38.319819 ° -121.747403 °	38.308575 ° -121.758448 °	54
								DWR ID: DWR_RD2104_01_s_2013_54		
48	5.45	5.45	Earthen Levee	Slope Stability	LS	M Ma	S1 : Repair slope instability.	38.321559 ° -121.748539 °	38.321559 ° -121.748539 °	63
								DWR ID: DWR_RD2104_01_f_2013_63		
49	5.46	5.54	Earthen Levee	Erosion / Bank Caving	LS	M Ma	E1 : Note and monitor erosion site.	38.321719 ° -121.748556 °	38.322666 ° -121.748448 °	55
								DWR ID: DWR_RD2104_01_s_2013_55		
50	5.51	6.75	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M Ma	C2 : Repair depressions or ruts in the crown or slope. Inspector Comments: Regrade and add proper materials to crown roadway.	38.322340 ° -121.748377 °	38.316815 ° -121.758227 °	26
								DWR ID: DWR_RD2104_01_s_2012_26		
51	5.72	7.03	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: There hasn't been any work done on this levee since my last inspections. 4-26-2013	38.323308 ° -121.751226 °	38.313087 ° -121.758175 °	56
								DWR ID: DWR_RD2104_01_s_2013_56		
52	5.79	5.80	Earthen Levee	Slope Stability	LS	U Ma	S1 : Repair slope instability.	38.323568 ° -121.752286 °	38.323683 ° -121.752450 °	64 Y
								DWR ID: DWR_RD2104_01_f_2013_64		
53	5.95	6.58	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.325074 ° -121.754512 °	38.319323 ° -121.758251 °	39
								DWR ID: DWR_RD2104_01_s_2012_39		

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Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Cache Slough						Left	7.40	10/22/2013 10/22/2013	Herman Phillips	

LMR No.	Levee Mile		Category	Item	* Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
54	5.95	6.63	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.325074 ° -121.754511 °	38.318590 ° -121.758209 °	38
DWR ID: DWR_RD2104_01_s_ 2012_38										
55	7.03	7.04	Earthen Levee	Vegetation	WS	M Ma	V9 : Keep the crown roadway free of vegetation.	38.313087 ° -121.758175 °	38.308575 ° -121.758448 °	58
DWR ID: DWR_RD2104_01_s_ 2013_58										

*** Location**

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	7.40	10/22/2013 10/22/2013	Herman Phillips

Levee Mile Report Line	5
Start Levee Mile	0.01
End Levee Mile	0.01
Location	Land Side
Category	Earthen Levee
Item	Vegetation

RD 2104 Looking downstream from levee mile 0.01. Photo taken 10-22-2013.

phillips_f_20131022_646.JPG



Levee Mile Report Line	8
Start Levee Mile	0.19
End Levee Mile	0.22
Location	Water Side
Category	Earthen Levee
Item	Vegetation

Wild growth waterward shoulder and slope. Photo taken 10-22-2013.

phillips_f_20131022_647.JPG



Levee Mile Report Line	22
Start Levee Mile	1.36
End Levee Mile	1.37
Location	Water Side
Category	Earthen Levee
Item	Animal Control

Levee mile 1.27 water side erosion on slope caused by cattle. Photo taken 10-22-2013.

phillips_f_20131022_648.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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Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	7.40	10/22/2013 10/22/2013	Herman Phillips

Levee Mile Report Line	25
Start Levee Mile	1.40
End Levee Mile	5.63
Location	Water Side
Category	Earthen Levee
Item	Vegetation

RD 2104 Looking downstream from levee mile 1.40 water side at the wild growth on slope. Photo taken 10-22-2013.

phillips_f_20131024_650.JPG



Levee Mile Report Line	25
Start Levee Mile	1.40
End Levee Mile	5.63
Location	Water Side
Category	Earthen Levee
Item	Vegetation

Another view of the wild growth taking over the slope and shoulder. Photo taken 10-22-2013.

phillips_f_20131024_654.JPG



Levee Mile Report Line	27
Start Levee Mile	1.52
End Levee Mile	3.17
Location	Crown
Category	Earthen Levee
Item	Vegetation

Overgrown crown roadway with weeds 2 foot tall. Photo taken 10-22-2013.

phillips_f_20131024_651.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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	7.40	10/22/2013 10/22/2013	Herman Phillips

Levee Mile Report Line	37
Start Levee Mile	3.54
End Levee Mile	5.10
Location	Crown
Category	Earthen Levee
Item	Vegetation

RD2104 Looking downstream from levee mile 3.54 towards levee 5.10 this photo shows the overgrown crown. Photo taken 10-22-2013.

phillips_f_20131024_653.JPG



Levee Mile Report Line	39
Start Levee Mile	4.58
End Levee Mile	4.65
Location	Water Side
Category	Earthen Levee
Item	Vegetation

This woody growth on the waterside slope is unacceptable. Photo taken 10-22-2013.

phillips_f_20131022_649.JPG



Levee Mile Report Line	52
Start Levee Mile	5.79
End Levee Mile	5.80
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

This erosion along the slope cuts into the crown and sholder of the landside, there are livestock on levee section. Photo taken 10-22-2013.

phillips_f_20131024_652.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. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	7.40	10/22/2013 10/22/2013	Herman Phillips

Levee Mile Report Line	52
Start Levee Mile	5.79
End Levee Mile	5.80
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

Looking from upstream side of erosion site. Photo taken 10-22-2013.

phillips_f_20131024_655.JPG



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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

+ Issue Type

Ma : Maintenance Deficiency
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