

**Flood Control Project Maintenance
Levee Inspections**

Fall 2014 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	6.85						
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	21.10	10.94	64.86	947.09%				
Trim / Thin Trees	0.07		0.07	1.02%				
Encroachments						0.01		
Erosion / Bank Caving	0.16		0.16	2.34%				
Crown Surface / Depressions / Rutting	14.53		14.53	212.17%				
Repair Gates	0.03	0.01	0.07	1.02%				
Emergency Supplies & Equipment	0.07		0.07	1.02%				
Flood Preparedness & Training	0.07		0.07	1.02%				
<i>Supplemental</i>								
DWR UCIP Field Study					0.05	0.04		
<i>LMA Totals:</i>	36.03	10.95	79.83	1165.68%	0.05	0.05	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2014 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 2014 Levee Inspection Results

Reclamation District No. 2104 Peters Pocket Tract

Waterway			Bank	Unit Miles
Unit No. 01 Cache Slough			Left	6.85
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	04/22/2014 - 04/22/2014		10/24/2014 - 10/24/2014	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	Chris Niederhauser RD 2104			

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 2014

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	6.85	10/24/2014 10/24/2014	Herman Phillips

LM Start		Rating **	M	Issue No.	12		
LM End		Issue Type +	Ma	Location *	N/A		
Category	Earthen Levee			GPS Latitude/Longitude			
				Start		End	
Item	Flood Preparedness & Training				°		°
					°		°
DWR ID	DWR_RD2104_01_s_2012_12						
Action/Comments							
Inspector Comments: District needs to have their staff flood fight trained.							

No Photos

LM Start		Rating **	A	Issue No.	14
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals				°
					°
DWR ID	DWR_RD2104_01_f_2012_14				
Action/Comments					
Inspector Comments: District has the O+M Manual on hand.					

No Photos

LM Start		Rating **	M	Issue No.	40
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment				°
					°
DWR ID	DWR_RD2104_01_s_2012_40				
Action/Comments					
Inspector Comments: District needs to have flood fight supplies in storage.					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	6.85	10/24/2014 10/24/2014	Herman Phillips

LM Start	0.00	Rating **	M	Issue No.	42
LM End	0.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.308296 °	38.308296 °
				-121.758594 °	-121.758594 °
DWR ID	DWR_RD2104_01_s_2012_42				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 1 of 1 : FA_2014_RD2104_249_42_20141110_00084.jpg



Looking downstream from levee mile 0.00 landside slope. RD 2104.

LM Start	0.00	Rating **	M	Issue No.	34
LM End	6.83	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting				°
					°
DWR ID	DWR_RD2104_01_f_2012_34				
Action/Comments					
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. Due to wet levee conditions it was not able to be completely inspected during fall 2012 inspections. Conditions appeared to be the same as spring 2012, no maintenance was done.					

No Photos

LM Start	0.02	Rating **	M	Issue No.	2
LM End	0.96	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.308008 °	38.299242 °
				-121.758610 °	-121.749754 °
DWR ID	DWR_RD2104_01_s_2012_2				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	6.85	10/24/2014 10/24/2014	Herman Phillips

LM Start	0.19	Rating **	U	Issue No.	8
LM End	0.22	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.305912 °	38.305583 °
				-121.757520 °	-121.757220 °
DWR ID	DWR_RD2104_01_s_2012_8				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: Remove the wild growth of soft cedar trees waterward slope and shoulder.					

Photo 1 of 1 : FA_2014_RD2104_249_8_20141110_00085.jpg



Unsatisfactory woody growth on waterward shoulder and slope.

LM Start	0.23	Rating **	U	Issue No.	20
LM End	5.08	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.305498 °	38.318437 °
				-121.757151 °	-121.744451 °
DWR ID	DWR_RD2104_01_s_2012_20				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 1 of 1 : FA_2014_RD2104_249_20_20141110_00086.jpg



Wild weeds and brush growth on waterward slope.

LM Start	0.27	Rating **	M	Issue No.	1
LM End	0.27	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.305022 °	38.305022 °
				-121.756692 °	-121.756692 °
DWR ID	DWR_RD2104_01_s_2012_1				
Action/Comments					
Repair depressions or ruts in the crown or slope.					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	6.85	10/24/2014 10/24/2014	Herman Phillips

LM Start	0.30	Rating **	M	Issue No.	18
LM End	0.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.304657 °	38.304657 °
				-121.756570 °	-121.756570 °
DWR ID	DWR_RD2104_01_s_2012_18				
Action/Comments					
Trim trees over roadway to at least 12 feet above ground level.					

No Photos

LM Start	0.31	Rating **	M	Issue No.	3
LM End	0.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.304662 °	38.304662 °
				-121.756520 °	-121.756520 °
DWR ID	DWR_RD2104_01_s_2012_3				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	0.35	Rating **	M	Issue No.	21
LM End	0.47	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.304057 °	38.302517 °
				-121.756488 °	-121.756322 °
DWR ID	DWR_RD2104_01_s_2012_21				
Action/Comments					
Repair depressions or ruts in the crown or slope.					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	6.85	10/24/2014 10/24/2014	Herman Phillips

LM Start	0.41	Rating **	M	Issue No.	117
LM End	0.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.303187 °	38.303187 °
				-121.756492 °	-121.756492 °
DWR ID	DWR_RD2104_01_f_2014_117				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	0.42	Rating **	M	Issue No.	5
LM End	0.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.303130 °	38.302260 °
				-121.756533 °	-121.755987 °
DWR ID	DWR_RD2104_01_s_2012_5				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	0.42	Rating **	M	Issue No.	6
LM End	0.67	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.303058 °	38.300238 °
				-121.756542 °	-121.754347 °
DWR ID	DWR_RD2104_01_s_2012_6				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	6.85	10/24/2014 10/24/2014	Herman Phillips

LM Start	0.51	Rating **	M	Issue No.	118
LM End	1.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.301998 °	38.295688 °
				-121.755742 °	-121.742488 °
DWR ID	DWR_RD2104_01_f_2014_118				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	0.80	Rating **	M	Issue No.	68
LM End	4.59	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.299704 °	38.313187 °
				-121.751215 °	-121.739070 °
DWR ID	DWR_RD2104_01_s_2014_68				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	0.96	Rating **	M	Issue No.	30
LM End	5.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.299363 °	38.318437 °
				-121.749820 °	-121.744451 °
DWR ID	DWR_RD2104_01_s_2012_30				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable 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 2014

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	6.85	10/24/2014 10/24/2014	Herman Phillips

LM Start	1.11	Rating **	M	Issue No.	31
LM End	1.11	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.297886 °	38.297886 °
				-121.748133 °	-121.748133 °
DWR ID	DWR_RD2104_01_s _ 2012_31				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

No Photos

LM Start	1.33	Rating **	M	Issue No.	45
LM End	5.10	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.296552 °	38.318462 °
				-121.744965 °	-121.744535 °
DWR ID	DWR_RD2104_01_s _ 2012_45				
Action/Comments					
Add appropriate material and re-grade the levee to bring the crown above the design elevation.					

No Photos

LM Start	1.36	Rating **	M	Issue No.	9
LM End	1.37	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.296237 °	38.296158 °
				-121.744327 °	-121.744262 °
DWR ID	DWR_RD2104_01_s _ 2012_9				
Action/Comments					
Trim trees over roadway to at least 12 feet above ground level.					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	6.85	10/24/2014 10/24/2014	Herman Phillips

LM Start	1.37	Rating **	M	Issue No.	7
LM End	1.37	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.296207 °	38.296207 °
				-121.744325 °	-121.744325 °
DWR ID	DWR_RD2104_01_f_2014_7				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	1.37	Rating **	M	Issue No.	13
LM End	1.38	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.296168 °	38.296110 °
				-121.744355 °	-121.744300 °
DWR ID	DWR_RD2104_01_s_2012_13				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	1.38	Rating **	U	Issue No.	66
LM End	4.59	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.296153 °	38.313187 °
				-121.744238 °	-121.739071 °
DWR ID	DWR_RD2104_01_s_2014_66				
Action/Comments					
Keep the crown roadway free of vegetation.					
Inspector Comments: Crown road should be free of vegetation.					

Photo 1 of 1 : FA_2014_RD2104_249_66_20141110_00089.jpg



Unwanted vegetation present on crown roadway.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

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

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	6.85	10/24/2014 10/24/2014	Herman Phillips

LM Start	1.43	Rating **	M	Issue No.	10
LM End	1.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.295732 °	38.295697 °
				-121.743288 °	-121.742408 °
DWR ID	DWR_RD2104_01_s_2012_10				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	1.49	Rating **	U	Issue No.	43
LM End	3.23	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.295688 °	38.298662 °
				-121.742488 °	-121.730313 °
DWR ID	DWR_RD2104_01_f_2014_43				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Overgrown weeds taken over the slope and crown roadway. No maintenance has been done on levee section.					

Photo 1 of 1 : FA_2014_RD2104_249_43_20141110_00087.jpg



Unsatisfactory growth of wild weeds on landward levee slope and crown roadway.

LM Start	1.50	Rating **	M	Issue No.	50
LM End	5.10	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.295702 °	38.318462 °
				-121.742454 °	-121.744536 °
DWR ID	DWR_RD2104_01_s_2013_50				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: Crown roadway needs to be void of weeds from levee mile 1.50 to levee mile 5.10.					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	6.85	10/24/2014 10/24/2014	Herman Phillips

LM Start	1.50	Rating **	U	Issue No.	49
LM End	1.56	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.295706 °	38.295454 °
				-121.742451 °	-121.741529 °
DWR ID	DWR_RD2104_01_s_2013_49				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: No maintenance since last inspection.					

Photo 1 of 2 : FA_2014_RD2104_249_49_20141110_00088.jpg



Looking back upstream from levee mile 1.56 to levee mile 1.50 waterward, woody tree growth blocking view of levee slopes and shoulder.

LM Start	1.50	Rating **	U	Issue No.	49 (cont)
LM End	1.56	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2014_RD2104_249_49_20141008_00003.jpg



RD 2104 Levee mile 1.50 looking downstream at wild growth on water sideslope and toe.

LM Start	1.70	Rating **	M	Issue No.	44
LM End	1.70	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Repair Gates			38.294117 °	38.294117 °
				-121.740385 °	-121.740385 °
DWR ID	DWR_RD2104_01_f_2014_44				
Action/Comments					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	6.85	10/24/2014 10/24/2014	Herman Phillips

LM Start	2.08	Rating **	M	Issue No.	16
LM End	2.09	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.292027 °	38.291947 °
				-121.734575 °	-121.734453 °
DWR ID	DWR_RD2104_01_s _ 2012_16				
Action/Comments					
Note and monitor erosion site.					

No Photos

LM Start	2.32	Rating **	M	Issue No.	35
LM End	3.14	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.291940 °	38.297485 °
				-121.730687 °	-121.730149 °
DWR ID	DWR_RD2104_01_s _ 2012_35				
Action/Comments					
Repair depressions or ruts in the crown or slope.					

No Photos

LM Start	2.79	Rating **	M	Issue No.	33
LM End	2.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.323780 °	38.323730 °
				-121.752410 °	-121.752430 °
DWR ID	DWR_RD2104_01_s _ 2012_33				
Action/Comments					
Note and monitor erosion site.					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	6.85	10/24/2014 10/24/2014	Herman Phillips

LM Start	3.29	Rating **	M	Issue No.	108
LM End	3.29	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.299447 °	38.299447 °
				-121.730444 °	-121.730444 °
DWR ID	DWR_RD2104_01_f_2014_108				
Action/Comments					
Inspector Comments: FS_ID:24997					
EP_NO: 14184					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Signs in disrepair and need proper markings.					
FIELD_STRUCT_DESC: 6-inch steel gasoline through the levee 3-feet below the crown. Signs on LS and WS toe.					
FS Date: 12/4/2013					

No Photos

LM Start	3.30	Rating **	M	Issue No.	46
LM End	3.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.299679 °	38.299679 °
				-121.730469 °	-121.730469 °
DWR ID	DWR_RD2104_01_s_2012_46				
Action/Comments					
Note and monitor erosion site.					

No Photos

LM Start	3.37	Rating **	M	Issue No.	119
LM End	3.37	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Repair Gates			38.300600 °	38.300600 °
				-121.730432 °	-121.730432 °
DWR ID	DWR_RD2104_01_f_2014_119				
Action/Comments					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	6.85	10/24/2014 10/24/2014	Herman Phillips

LM Start	3.37	Rating **	M	Issue No.	37
LM End	5.08	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.300572 °	38.318438 °
				-121.730410 °	-121.744451 °
DWR ID	DWR_RD2104_01_s_2012_37				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	3.37	Rating **	M	Issue No.	36
LM End	3.37	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.300571 °	38.300571 °
				-121.730411 °	-121.730411 °
DWR ID	DWR_RD2104_01_s_2012_36				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	3.38	Rating **	M	Issue No.	109
LM End	3.38	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.300605 °	38.300605 °
				-121.730440 °	-121.730440 °
DWR ID	DWR_RD2104_01_f_2014_109				
Action/Comments					
Inspector Comments: FS_ID:24992					
EP_NO: 4412					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Heavy vegetation at concrete headwall on LS toe and at possible outlet area on WS toe. If possible, vegetation should be cleared to check if this is an accurate location. Erosion around backside of headwall at LS toe.					
FIELD_STRUCT_DESC: 4 x 4 concrete culvert through the levee 17.0-feet below the crown. Originally included in O+M manual, 1964.					
Concrete headwall on LS toe.					
FS Date: 12/4/2013					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	6.85	10/24/2014 10/24/2014	Herman Phillips

LM Start	3.94	Rating **	M	Issue No.	32
LM End	5.09	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.306668 °	38.318388 °
				-121.733018 °	-121.744370 °
DWR ID	DWR_RD2104_01_f_2014_32				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	4.33	Rating **	U	Issue No.	120
LM End	4.33	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.310912 °	38.310912 °
				-121.736172 °	-121.736172 °
DWR ID	DWR_RD2104_01_f_2014_120				
Action/Comments					
Pipe Inspector Comments: Unauthorized repair of pipe through levee, Pipe is leaking through levee repair. Work was not done properly, levee slope landward damaged, spoils piled on the slope. Need repair done before flood season. Photo taken.10-24-2014.					

Photo 1 of 2 : FA_2014_RD2104_249_120_20141110_00093.jpg



View of aunaunauthorized pipe work. The siphon breaker on the waterward side has water running under pipe back through levee.

LM Start	4.33	Rating **	U	Issue No.	120 (cont)
LM End	4.33	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA_2014_RD2104_249_120_20141110_00094.jpg



View of pipe landward. Water is shown coming through levee around pipe.

* **Location**
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

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

+ **Issue Type**
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	6.85	10/24/2014 10/24/2014	Herman Phillips

LM Start	4.34	Rating **	U	Issue No.	110
LM End	4.34	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.310873 °	38.310873 °
				-121.736189 °	-121.736189 °
DWR ID	DWR_RD2104_01_f_2014_110				
Action/Comments					
Inspector Comments: FS_ID:24995					
EP_NO: 10183					
Repair Type: Urgent					
Crossing Status: Found					
UCIP Comments: Pipe rusted through on WS berm. Siphon breaker in					
CMP riser blocked by riser misalignment.					

No Photos

LM Start	4.58	Rating **	M	Issue No.	25
LM End	4.65	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.313130 °	38.313872 °
				-121.739023 °	-121.739830 °
DWR ID	DWR_RD2104_01_s_2012_25				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: This levee is overgrown and is in need of maintenance. There are weeds taller than 5-feet tall on the levee section.					

No Photos

LM Start	4.58	Rating **	U	Issue No.	122
LM End	5.09	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.313130 °	38.318388 °
				-121.739050 °	-121.744370 °
DWR ID	DWR_RD2104_01_f_2014_122				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 1 of 1 : FA_2014_RD2104_249_122_20141110_00091.jpg



Unsatisfactory wild growth on landward levee shoulder and slope.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

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

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	6.85	10/24/2014 10/24/2014	Herman Phillips

LM Start	4.58	Rating **	U	Issue No.	123
LM End	5.09	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.313135 °	38.318388 °
				-121.739073 °	-121.744370 °
DWR ID	DWR_RD2104_01_f_2014_123				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 1 of 1 : FA_2014_RD2104_249_123_20141110_00092.jpg



Wild woody tree growth on waterside slope and shoulder.

LM Start	4.58	Rating **	M	Issue No.	52
LM End	4.58	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.313165 °	38.313165 °
				-121.739069 °	-121.739069 °
DWR ID	DWR_RD2104_01_s_2013_52				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	4.58	Rating **	M	Issue No.	71
LM End	4.69	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.313185 °	38.314301 °
				-121.739070 °	-121.740278 °
DWR ID	DWR_RD2104_01_s_2014_71				
Action/Comments					
Keep the crown roadway free of vegetation.					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	6.85	10/24/2014 10/24/2014	Herman Phillips

LM Start	4.59	Rating **	M	Issue No.	69
LM End	4.63	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.313188 °	38.313658 °
				-121.739069 °	-121.739578 °
DWR ID	DWR_RD2104_01_s_2014_69				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: Small oak trees on waterside lope and shoulder.					

No Photos

LM Start	4.66	Rating **	U	Issue No.	111
LM End	4.66	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.313955 °	38.313955 °
				-121.739930 °	-121.739930 °
DWR ID	DWR_RD2104_01_f_2014_111				
Action/Comments					
Inspector Comments: FS_ID:24996					
EP_NO: 10182					
Repair Type: Urgent					
Crossing Status: Found					
UCIP Comments: Vegetation and soil buildup throughout pipe preventing flapgate from closing. Remove vegetation to allow gate to close properly.					
FIELD_STRUCT_DESC: 24-inch CMP drainpipe through the levee 15.0-feet below the crown. 36-inch concrete standpipe on LS toe. Flapgate on WS toe. Two C.M. cut of walls. (ABO No. 10182 - Machado)					
Originally included in O+M manual, 1964. Asbuilt Dwg. 50-04-3379.					
FS Date: 12/4/2013					

No Photos

LM Start	4.82	Rating **	M	Issue No.	72
LM End	4.90	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.315612 °	38.316470 °
				-121.741673 °	-121.742314 °
DWR ID	DWR_RD2104_01_s_2014_72				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: Small oak trees on water side slope.					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	6.85	10/24/2014 10/24/2014	Herman Phillips

LM Start	4.88	Rating **	M	Issue No.	24
LM End	4.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.319559 °	38.319559 °
				-121.747085 °	-121.747085 °
DWR ID	DWR_RD2104_01_s _ 2012_24				
Action/Comments					
Note and monitor erosion site.					

No Photos

LM Start	4.90	Rating **	M	Issue No.	29
LM End	4.90	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.319812 °	38.319812 °
				-121.747434 °	-121.747434 °
DWR ID	DWR_RD2104_01_s _ 2012_29				
Action/Comments					
Note and monitor erosion site.					

No Photos

LM Start	5.03	Rating **	M	Issue No.	41
LM End	5.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.321582 °	38.321582 °
				-121.748546 °	-121.748546 °
DWR ID	DWR_RD2104_01_s _ 2012_41				
Action/Comments					
Note and monitor erosion site.					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	6.85	10/24/2014 10/24/2014	Herman Phillips

LM Start	5.03	Rating **	M	Issue No.	112
LM End	5.03	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.317941 °	38.317941 °
				-121.743503 °	-121.743503 °
DWR ID	DWR_RD2104_01_f_2014_112				
Action/Comments					
Inspector Comments: FS_ID:25003					
EP_NO: 10182					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Sign on WS toe needs repari.					
FIELD_STRUCT_DESC: 8-inch gas line through levee at high elevation. Sign on WS and LS toe. (ABO No. 10182 - Machado) Asbuilt Dwg. 50-04-3379.					
FS Date: 12/4/2013					

No Photos

LM Start	5.05	Rating **	M	Issue No.	113
LM End	5.05	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.318119 °	38.318119 °
				-121.743730 °	-121.743730 °
DWR ID	DWR_RD2104_01_f_2014_113				
Action/Comments					
Inspector Comments: FS_ID:25005					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Good candidate for video inspection.					
FIELD_STRUCT_DESC: 18-inch steel irrigation pipe through the levee 13.5-feet below the crown. Pump on pile structure in stream. Slide gate in 36-inch CMP riser on waterward slope. Two cutoff walls. Concrete "U" headwall and air vent at toe of landward slope. Asbuilt Dwg. 50-04-3379. Electrical conduit through levee at same location.					
FS Date: 12/4/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	6.85	10/24/2014 10/24/2014	Herman Phillips

LM Start	5.10	Rating **	M	Issue No.	114
LM End	5.10	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.318432 °	38.318432 °
				-121.744540 °	-121.744540 °
DWR ID	DWR_RD2104_01_f_2014_114				
Action/Comments					
Inspector Comments: FS_ID:25006 EP_NO: 10182 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Minor erosion of base under headwall on WS toe. Heavy corrosion of pipe at WS toe. Further evaluation of pipe integrity needed. FIELD_STRUCT_DESC: 24-inch CMP drain pipe through the levee 13.5-feet below the crown. Concrete "U" headwalls on both ends. Two C.M. cutoff walls. Flap gate on waterward end. (ABO No. 10182 - Machado) FS Date: 12/4/2013					

No Photos

LM Start	5.10	Rating **	M	Issue No.	19
LM End	5.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.318462 °	38.318462 °
				-121.744535 °	-121.744535 °
DWR ID	DWR_RD2104_01_s_2013_19				
Action/Comments					
Note and monitor erosion site.					

No Photos

LM Start	5.15	Rating **	M	Issue No.	53
LM End	5.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.318685 °	38.318685 °
				-121.745368 °	-121.745368 °
DWR ID	DWR_RD2104_01_s_2013_53				
Action/Comments					
Note and monitor erosion site.					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	6.85	10/24/2014 10/24/2014	Herman Phillips

LM Start	5.30	Rating **	M	Issue No.	54
LM End	7.04	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.319819 °	38.308575 °
				-121.747403 °	-121.758448 °
DWR ID	DWR_RD2104_01_s_2013_54				
Action/Comments					
Add appropriate material and re-grade the levee to bring the crown above the design elevation.					

No Photos

LM Start	5.46	Rating **	M	Issue No.	55
LM End	5.54	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.321719 °	38.322666 °
				-121.748556 °	-121.748448 °
DWR ID	DWR_RD2104_01_s_2013_55				
Action/Comments					
Note and monitor erosion site.					

No Photos

LM Start	5.51	Rating **	U	Issue No.	115
LM End	5.51	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.322215 °	38.322215 °
				-121.748418 °	-121.748418 °
DWR ID	DWR_RD2104_01_f_2014_115				
Action/Comments					
Inspector Comments: FS_ID:25007					
EP_NO: 10182					
Repair Type: Urgent					
Crossing Status: Found					
UCIP Comments: Footing under headwall on WS toe severely undermined. Pipe rusted heavily with holes at WS and may need replacement.					
FIELD_STRUCT_DESC: 24-inch CMP drain pipe through levee 13.0 feet below crown. Two cutoff walls. Concrete "U" headwalls on both ends. Flap gate on water end. (ABO No. 10182 - Machado). Asbuilt Dwg. 50-04-3379.					
FS Date: 12/4/2013					

No Photos

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

Levee Inspection Report By Mile - Fall 2014

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	6.85	10/24/2014 10/24/2014	Herman Phillips

LM Start	5.51	Rating **	M	Issue No.	26
LM End	6.75	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.322340 °	38.316815 °
				-121.748377 °	-121.758227 °
DWR ID	DWR_RD2104_01_s_2012_26				
Action/Comments					
Repair depressions or ruts in the crown or slope.					

LM Start	5.72	Rating **	M	Issue No.	56					
LM End	7.03	Issue Type +	Ma	Location *	LS					
Category	Earthen Levee			GPS Latitude/Longitude						
				Start	End					
Item	Vegetation			38.323308 °	38.313087 °					
				-121.751226 °	-121.758175 °					
DWR ID	DWR_RD2104_01_s _ 2013_56									
Action/Comments										
Remove the wild growth other than native grasses from the levee slopes.										

LM Start	5.72	Rating **	U	Issue No.	73					
LM End	5.72	Issue Type +	Ma	Location *	CR					
Category	Earthen Levee			GPS Latitude/Longitude						
				Start	End					
Item	Repair Gates			38.323281 °	38.323281 °					
				-121.751272 °	-121.751272 °					
DWR ID	DWR_RD2104_01_s _ 2014_73									
Action/Comments										

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	6.85	10/24/2014 10/24/2014	Herman Phillips

LM Start	5.73	Rating **	M	Issue No.	76
LM End	7.19	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.323282 °	38.311006 °
				-121.751440 °	-121.758888 °
DWR ID	DWR_RD2104_01_s_2014_76				
Action/Comments					
Keep the crown roadway free of vegetation.					

No Photos

LM Start	5.95	Rating **	M	Issue No.	39
LM End	6.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.325074 °	38.319323 °
				-121.754512 °	-121.758251 °
DWR ID	DWR_RD2104_01_s_2012_39				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	5.95	Rating **	M	Issue No.	38
LM End	6.63	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.325074 °	38.318590 °
				-121.754511 °	-121.758209 °
DWR ID	DWR_RD2104_01_s_2012_38				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	6.85	10/24/2014 10/24/2014	Herman Phillips

LM Start	5.96	Rating **	M	Issue No.	77
LM End	5.96	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Repair Gates			38.325048 °	38.325048 °
				-121.754357 °	-121.754357 °
DWR ID	DWR_RD2104_01_s_2014_77				
Action/Comments					

No Photos

LM Start	6.01	Rating **	U	Issue No.	78
LM End	6.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.324905 °	38.324722 °
				-121.755241 °	-121.755701 °
DWR ID	DWR_RD2104_01_s_2014_78				
Action/Comments					
Keep the crown roadway free of vegetation.					

Photo 1 of 1 : FA_2014_RD2104_249_78_20141008_00006.jpg



Unwanted broadleaf growth on the landside slope and toe.

LM Start	7.03	Rating **	M	Issue No.	57
LM End	7.04	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.313087 °	38.308575 °
				-121.758175 °	-121.758448 °
DWR ID	DWR_RD2104_01_s_2013_57				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough	Left	6.85	10/24/2014 10/24/2014	Herman Phillips

LM Start	7.03	Rating **	M	Issue No.	58
LM End	7.04	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.313087 °	38.308575 °
				-121.758175 °	-121.758448 °
DWR ID	DWR_RD2104_01_s_2013_58				
Action/Comments					
Keep the crown roadway free of vegetation.					

No Photos

LM Start	7.39	Rating **	U	Issue No.	116
LM End	7.39	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.308404 °	38.308404 °
				-121.758585 °	-121.758585 °
DWR ID	DWR_RD2104_01_f_2014_116				
Action/Comments					
Inspector Comments: FS_ID:25086 EP_NO: 10184 Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: Pump station visible to north on LS toe. Good indicator of location. Need PG+E to mark pipe location. FIELD_STRUCT_DESC: 8-inch gas line through levee 2.0 feet below crown. (ABO No. 10184 - PG&E). Asbuilt Dwg. 50-04-3379. FS Date: 12/4/2013					

No Photos

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