

**Flood Control Project Maintenance
Levee Inspections**

Fall 2013 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

RD0784		Overall LMA Rating	Total LMA Miles						
Reclamation District No. 0784 Plumas Lake		M	34.79						
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	0.27	0.96	4.11	11.81%					
Encroachments					2.01	1.54			
Erosion / Bank Caving	0.01		0.01	0.03%					
<i>Interior Drainage & Piping Systems</i>									
Culverts: Inlets / Outlets	0.07		0.07	0.20%					
Culverts: Breaks / Holes / Cracks		0.02	0.08	0.23%					
<i>Supplemental</i>									
USACE Erosion Survey	0.41		0.41	1.18%					
DWR UCIP Field Study					0.15	0.08			
<i>LMA Totals:</i>	0.76	0.98	4.68	13.45%	2.16	1.62	0.00	0.00	

Unit No. 01 Yuba River LB		Overall Unit Rating	Total Unit Miles						
RD0784		A	2.22						
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	0.01		0.01	0.45%					
Encroachments						0.60			
<i>Supplemental</i>									
DWR UCIP Field Study					0.01				
<i>Unit Totals:</i>	0.01	0.00	0.01	0.45%	0.01	0.60	0.00	0.00	

Unit No. 02A Feather River LB		Overall Unit Rating	Total Unit Miles						
RD0784		A	2.70						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
No Items									
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%					

Unit No. 02B Feather River LB		Overall Unit Rating	Total Unit Miles						
RD0784		M	3.96						
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>									
Encroachments						0.09			
<i>Supplemental</i>									
USACE Erosion Survey	0.40		0.40	10.10%					
DWR UCIP Field Study					0.02				
<i>Unit Totals:</i>	0.40	0.00	0.40	10.10%	0.02	0.09	0.00	0.00	

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Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin (cont.)

Unit No. 03A Bear River RB	Overall Unit Rating	Total Unit Miles						
RD0784	A	0.84						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
No Items								
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%				

Unit No. 03B Bear River RB	Overall Unit Rating	Total Unit Miles						
RD0784	M	1.50						
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	0.25		0.25	16.67%				
<i>Supplemental</i>								
USACE Erosion Survey	0.01		0.01	0.67%				
DWR UCIP Field Study						0.01		
<i>Unit Totals:</i>	0.26	0.00	0.26	17.33%	0.00	0.01	0.00	0.00

Unit No. 04 Interceptor Canal RB	Overall Unit Rating	Total Unit Miles						
RD0784	A	6.35						
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>Supplemental</i>								
DWR UCIP Field Study					0.01	0.01		
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.01	0.01	0.00	0.00

Unit No. 05 Interceptor Canal LB	Overall Unit Rating	Total Unit Miles						
RD0784	A	4.20						
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	0.01		0.01	0.24%				
Encroachments					1.60	0.85		
Erosion / Bank Caving	0.01		0.01	0.24%				
<i>Supplemental</i>								
DWR UCIP Field Study					0.07			
<i>Unit Totals:</i>	0.02	0.00	0.02	0.48%	1.67	0.85	0.00	0.00

**Flood Control Project Maintenance
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Fall 2013 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin (cont.)

Unit No. 06 South Dry Creek RB		Overall Unit Rating	Total Unit Miles						
RD0784		U	1.50						
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		0.96	3.84	256.00%					
Encroachments					0.41				
<i>Interior Drainage & Piping Systems</i>									
Culverts: Inlets / Outlets	0.07		0.07	4.67%					
Culverts: Breaks / Holes / Cracks		0.02	0.08	5.33%					
<i>Supplemental</i>									
DWR UCIP Field Study					0.04	0.04			
<i>Unit Totals:</i>	0.07	0.98	3.99	266.00%	0.45	0.04	0.00	0.00	
Unit No. 07 Yuba River LB		Overall Unit Rating	Total Unit Miles						
RD0784		A	3.91						
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>Supplemental</i>									
DWR UCIP Field Study						0.02			
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.00	0.02	0.00	0.00	
Unit No. 08 Three Rivers RB		Overall Unit Rating	Total Unit Miles						
RD0784		A	1.88						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
No Items									
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%					
Unit No. 09 Feather River, TRLIA Setback Levee LB		Overall Unit Rating	Total Unit Miles						
RD0784		A	5.73						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
No Items									
<i>Unit Totals:</i>	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. 0784 Plumas Lake

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			M	

** 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. 0784 Plumas Lake

Waterway		Bank	Unit Miles
Unit No. 01 Yuba River		Left	2.22

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	04/24/2013 - 04/24/2013		11/14/2013 - 11/14/2013	
DWR Inspector	Rick Burnett		Matthew Hoffman	
Accompanied By	Steve Fordice RD 784		Patrick Meagher RD 784	
	Patrick Meagher RD 784			

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.

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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. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yuba River	Left	2.22	11/14/2013 11/14/2013	Matthew Hoffman

LMIR No.	Levee Mile		Category	Item	* Location	+ Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1			Earthen Levee	Operations & Maintenance Manuals	WS	A Ma		°	°	4
								DWR ID: DWR_RD0784_01_s_2013_4		
2			Earthen Levee	Emergency Supplies & Equipment	WS	A Ma		°	°	5
								DWR ID: DWR_RD0784_01_s_2013_5		
3			Earthen Levee	Flood Preparedness & Training	WS	A Ma		°	°	6
								DWR ID: DWR_RD0784_01_s_2013_6		
4	0.52	1.00	Earthen Levee	Encroachments	LS	U En	UR : Urban	39.131558 ° -121.560668 °	39.129475 ° -121.569209 °	12 Y
								DWR ID: DWR_RD0784_01_f_2012_12		
5	0.97	0.97	Earthen Levee	Vegetation	WS	A Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	39.129473 ° -121.568604 °	39.129473 ° -121.568604 °	3 Y
								DWR ID: DWR_RD0784_01_f_2013_3		
6	1.00	1.12	Earthen Levee	Encroachments	LS	U En	FE : Fence	39.129475 ° -121.569210 °	39.129615 ° -121.571371 °	13 Y
								DWR ID: DWR_RD0784_01_f_2012_13		
7	1.28	1.28	Earthen Levee	Vegetation	WS	M Ma	V4 : Elderberries are blocking visibility and flood fight capability.	39.129783 ° -121.574384 °	39.129783 ° -121.574384 °	2 Y
								DWR ID: DWR_RD0784_01_s_2012_2		
8	1.32	1.32	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:9467 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: No permit identified for this crossing. Need to determine if owner has permit. FIELD_STRUCT_DESC: Fiber Optic Communication lines cross levee. Diameter unknown. FS Date: 2/28/2013	39.129826 ° 39.129826 °	-121.574940 ° -121.574940 °	1 Y
								DWR ID: DWR_RD0784_01_f_2013_1		

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

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yuba River	Left	2.22	11/14/2013 11/14/2013	Matthew Hoffman

Levee Mile Report Line	4
Start Levee Mile	0.52
End Levee Mile	1.00
Location	Land Side
Category	Earthen Levee
Item	Encroachments
<p>Levee mile 0.53-1.00, this photo shows the fences and other obstruction near the toe of the levee on the landside.</p>	
<p>mhoffman_f_20130917_062.JPG</p>	



Levee Mile Report Line	5
Start Levee Mile	0.97
End Levee Mile	0.97
Location	Water Side
Category	Earthen Levee
Item	Vegetation
<p>This photo was taken from the levee crown facing east looking down the landward slope at acceptable vegetation control. Fall 2013.</p>	
<p>mhoffman_f_20131115_710.JPG</p>	



Levee Mile Report Line	6
Start Levee Mile	1.00
End Levee Mile	1.12
Location	Land Side
Category	Earthen Levee
Item	Encroachments
<p>Levee mile 1.00-1.12, this photo shows a fence near the levee toe on the landside.</p>	
<p>mhoffman_f_20130917_063.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>N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain</p>	<p>+ Issue Type</p> <p>Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yuba River	Left	2.22	11/14/2013 11/14/2013	Matthew Hoffman

Levee Mile Report Line	7
Start Levee Mile	1.28
End Levee Mile	1.28
Location	Water Side
Category	Earthen Levee
Item	Vegetation
W/S slope vegetation, Elderberry.	
mhoffman_f_20130917_061.JPG	



Levee Mile Report Line	8
Start Levee Mile	1.32
End Levee Mile	1.32
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study
Marker on East side of Rail/LS of levee.	
UCIP_5684.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**

Unit Cover Sheet

Fall 2013 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles
Unit No. 02A Feather River	Left	2.70

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	04/24/2013 - 04/24/2013		11/14/2013 - 11/14/2013	
DWR Inspector	Rick Burnett		Matthew Hoffman	
Accompanied By			Patrick Meagher RD 784	

Summer & Winter Inspections

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A Feather River	Left	2.70	11/14/2013 11/14/2013	Matthew Hoffman

LMIR No.	Levee Mile		Category	Item	* Location	+ Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	1.58	1.58	Earthen Levee	Vegetation	LS	A	V1 : Control annual grass and weeds on the levee slopes and easements.	39.107310 ° -121.586494 °	39.107310 ° -121.586494 °	2 Y

DWR ID: DWR_RD0784_02A_f_2013_2

* 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. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A Feather River	Left	2.70	11/14/2013 11/14/2013	Matthew Hoffman

Levee Mile Report Line	1
Start Levee Mile	1.58
End Levee Mile	1.58
Location	Land Side
Category	Earthen Levee
Item	Vegetation

This photo was taken from the levee crown facing south looking down the landward slope at acceptable vegetation control. Fall 2013.

mhoffman_f_20131115_711.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**

Unit Cover Sheet

Fall 2013 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles
Unit No. 02B Feather River	Left	3.96

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			M	
Date of Inspection	04/24/2013 - 04/24/2013		11/13/2013 - 11/13/2013	
DWR Inspector	Rick Burnett		Matthew Hoffman	
Accompanied By			Patrick Meagher RD 784	

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Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B Feather River	Left	3.96	11/13/2013 11/13/2013	Matthew Hoffman

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

1	8.96	9.36	Supplemental	USACE Erosion Survey	WS	M Ma	Inspector Comments: 2003 - Bank is near vertical. Identified as a Potentially Critical site. 2004 - Eddy flow off downstream end of Modesto formation eroding the fluvial sediments. 2005 - Some new slumping. Actively eroding but berm width is greater than 50 ft. 2006 - Downgraded to regular erosion site. Still actively eroding. Large old rotational failures in high bank on the downstream end. 2008 - Removed from inventory due to wide berm width does not meet criteria for an erosion site. 2010 - Added back to the inventory after 10 ft of bank erosion in the winter 2009 storm. Steep vertical face. 2011 - Bank has retreated an additional 2.5 ft from last year. New tree popouts and erosion throughout the site. 2012: Site continues to worsen with new tree popouts and many areas of new erosion. [2012 Site ID: FHR_17-8_L]	39.009366 ° -121.579766 °	39.004549 ° -121.579143 °	2 Y
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DWR ID:

2	9.21	9.29	Earthen Levee	Encroachments	LS	U En	MA : Material Inspector Comments: Paving at toe.	39.006523 ° -121.577843 °	39.005235 ° -121.578286 °	6 Y
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DWR ID: DWR_RD0784_02_f_2012_6

3	9.25	9.25	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:16203 EP_NO: 18227 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Gate on enclosure at LS toe is not locked. Vaults on WS toe are open and need to be secured. FIELD_STRUCT_DESC: 1 of 3: 30-inch HDPE irrigation pipe through the levee 3-feet below the crown. Siphon breaker and air relief valve in vault on waterside shoulder. Pumps in pump house on the bank. Gate valves in concrete distribution box. Chain link enclosure at the landside toe. Discharges into concrete box on the landward side. (Permit No. 18227, 2007) FS Date: 3/5/2013	39.005970 ° 39.005970 °	-121.578008 ° -121.578008 °	3 Y
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DWR ID: DWR_RD0784_02B_f_2013_3

4	9.25	9.25	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:11589 EP_NO: 18227 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Gate on enclosure at LS toe is not locked. Vaults on WS toe are open and need to be secured. FIELD_STRUCT_DESC: 1 of 3: 30-inch HDPE irrigation pipe through the levee 3-feet below the crown. Siphon breaker and air relief valve in vault on waterside shoulder. Pumps in pump house on the bank. Gate valves in concrete distribution box. Chain link enclosure at the landside toe. Discharges into concrete box on the landward side. (Permit No. 18227, 2007) FS Date: 3/5/2013	39.005970 ° 39.005970 °	-121.578008 ° -121.578008 °	5 Y
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DWR ID: DWR_RD0784_02B_f_2013_5

* 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. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B Feather River	Left	3.96	11/13/2013 11/13/2013	Matthew Hoffman

LMIR No.	Levee Mile		Category	Item	* Location	+ Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
5	9.29	9.29	Earthen Levee	Encroachments	LS	C	MA : Material Inspector Comments: Truck trailers and other material near the landside levee toe.	39.002313 ° -121.579344 °	39.002313 ° -121.579344 °	7
DWR ID: DWR_RD0784_02_f_2012_7										
6	9.40	9.40	Earthen Levee	Encroachments	LS	U	BU : Building	39.003905 ° -121.578774 °	39.003905 ° -121.578774 °	1 Y
DWR ID: DWR_RD0784_02_s_2012_1										
7	9.43	9.43	Earthen Levee	Encroachments	LS	C	EQ : Equipment	39.003438 ° -121.578920 °	39.003438 ° -121.578920 °	9
DWR ID: DWR_RD0784_02A_s_2013_6										
8	11.86	11.86	Earthen Levee	Vegetation	WS	A	V1 : Control annual grass and weeds on the levee slopes and easements.	38.965672 ° -121.577157 °	38.965672 ° -121.577157 °	8 Y
DWR ID: DWR_RD0784_02B_f_2013_8										

* 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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Levee Inspections**

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B Feather River	Left	3.96	11/13/2013 11/13/2013	Matthew Hoffman

Levee Mile Report Line	1
Start Levee Mile	8.96
End Levee Mile	9.36
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #1	
USACE2013_FHR_17-8_L_1.jpg	



Levee Mile Report Line	1
Start Levee Mile	8.96
End Levee Mile	9.36
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #2	
USACE2013_FHR_17-8_L_2.jpg	



Levee Mile Report Line	1
Start Levee Mile	8.96
End Levee Mile	9.36
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #3	
USACE2013_FHR_17-8_L_3.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

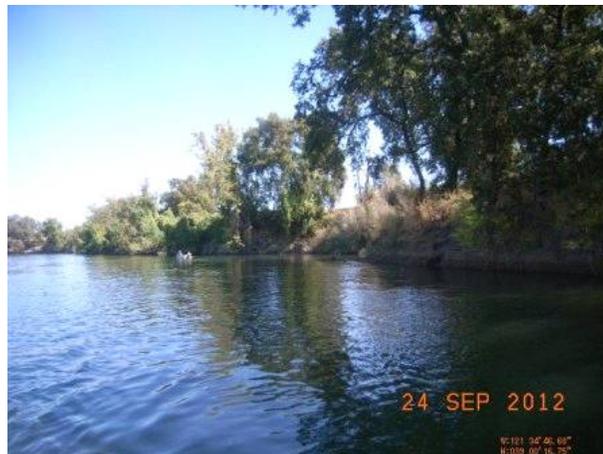
Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B Feather River	Left	3.96	11/13/2013 11/13/2013	Matthew Hoffman

Levee Mile Report Line	1
Start Levee Mile	8.96
End Levee Mile	9.36
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #4	
USACE2013_FHR_17-8_L_4.jpg	



Levee Mile Report Line	1
Start Levee Mile	8.96
End Levee Mile	9.36
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #5	
USACE2013_FHR_17-8_L_5.jpg	



Levee Mile Report Line	2
Start Levee Mile	9.21
End Levee Mile	9.29
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Levee mile 9.21, new paving near the levee toe, no permit found for this work.	
mhoffman_f_20130917_070.JPG	



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B Feather River	Left	3.96	11/13/2013 11/13/2013	Matthew Hoffman

Levee Mile Report Line	4
Start Levee Mile	9.25
End Levee Mile	9.25
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study
Concrete distribution box with chain link enclosure on LS toe.	
UCIP_8992.jpg	



Levee Mile Report Line	6
Start Levee Mile	9.40
End Levee Mile	9.40
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Levee mile 9.40, looking at a building that is encroaching on the levee toe.	
mhoffman_f_20130917_064.jpg	



Levee Mile Report Line	8
Start Levee Mile	11.86
End Levee Mile	11.86
Location	Water Side
Category	Earthen Levee
Item	Vegetation
This photo was taken from the levee crown facing south looking down the waterward slope at acceptable vegetation control. Fall 2013.	
mhoffman_f_20131115_702.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**

Unit Cover Sheet

Fall 2013 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles
Unit No. 03A Bear River	Right	0.84

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	04/24/2013 - 04/24/2013		11/13/2013 - 11/13/2013	
DWR Inspector	Rick Burnett		Matthew Hoffman	
Accompanied By			Patrick Meagher RD 784	

Summer & Winter Inspections

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03A Bear River	Right	0.84	11/13/2013 11/13/2013	Matthew Hoffman

LMIR No.	Levee Mile		Category	Item	* Location	+ Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	3.11	3.11	Earthen Levee	Vegetation	WS	A	V1 : Control annual grass and weeds on the levee slopes and easements.	38.975017 °	38.975017 °	2
					Ma			-121.536857 °	-121.536857 °	Y

DWR ID: DWR_RD0784_03A_f_2013_2

* 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. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03A Bear River	Right	0.84	11/13/2013 11/13/2013	Matthew Hoffman

Levee Mile Report Line	1
Start Levee Mile	3.11
End Levee Mile	3.11
Location	Water Side
Category	Earthen Levee
Item	Vegetation

This photo was taken from the levee crown facing east looking down the waterward slope at acceptable vegetation control. Fall 2013.

mhoffman_f_20131115_704.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**

Unit Cover Sheet

Fall 2013 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles
Unit No. 03B Bear River	Right	1.50

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			M	
Date of Inspection	04/24/2013 - 04/24/2013		-	
DWR Inspector	Rick Burnett		Matthew Hoffman	
Accompanied By	Steve Fordice RD 784		Patrick Meagher RD 784	

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03B Bear River	Right	1.50		Matthew Hoffman

LMIR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	3.23	3.48	Earthen Levee	Vegetation	LS	M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.974571 ° -121.532581 °	38.974064 ° -121.528098 °	4 Y
DWR ID: DWR_RD0784_03B_f_2013_4										
2	4.30	4.31	Supplemental	USACE Erosion Survey	WS	M Ma	Inspector Comments: 2009 - Small site which could be repaired with maintenance. Erosion into the levee toe, rock has started to fail. 2012: No observed change. [2012 Site ID: BER_4-9_R]	38.981400 ° -121.515848 °	38.981271 ° -121.515999 °	1 Y
DWR ID:										
3	4.69	4.69	Supplemental	DWR UCIP Field Study	WS	U En	Inspector Comments: FS_ID:11653 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Flap gate blocked by vegetation on WS toe. Unable to locate inlet. FIELD_STRUCT_DESC: 18-inch CM drain pipe through the levee 20-feet below the crown. Gate valve on waterward side. Originally included in O+M Manual (1955). FS Date: 2/27/2013	38.985247 ° 38.985247 °	-121.511075 ° -121.511075 °	2 Y
DWR ID: DWR_RD0784_03B_f_2013_2										

* 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. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03B Bear River	Right	1.50		Matthew Hoffman

Levee Mile Report Line	1
Start Levee Mile	3.23
End Levee Mile	3.48
Location	Land Side
Category	Earthen Levee
Item	Vegetation

This photo was taken from the levee crown facing west looking at vegetation covering the landward slope. Fall 2013.

mhoffman_f_20131115_707.JPG



Levee Mile Report Line	2
Start Levee Mile	4.30
End Levee Mile	4.31
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

USACE2013_BER_4-9_R_1.jpg



Levee Mile Report Line	2
Start Levee Mile	4.30
End Levee Mile	4.31
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

USACE2013_BER_4-9_R_2.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 N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain</p>	<p>+ Issue Type</p> <p>Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03B Bear River	Right	1.50		Matthew Hoffman

Levee Mile Report Line	3
Start Levee Mile	4.69
End Levee Mile	4.69
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study
Unable to locate inlet due to blackberry overgrowth on LS toe.	
UCIP_6346.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**

Unit Cover Sheet

Fall 2013 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles
Unit No. 04 Interceptor Canal	Right	6.35

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	04/24/2013 - 04/24/2013		11/13/2013 - 11/13/2013	
DWR Inspector	Rick Burnett		Matthew Hoffman	
Accompanied By	Steve Fordice RD 784		Patrick Meagher RD 784	

Summer & Winter Inspections

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0784 Plumas Lake

Waterway			Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Interceptor Canal			Right	6.35	11/13/2013 11/13/2013	Matthew Hoffman

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	3.60	3.60	Supplemental	DWR UCIP Field Study	CR	M En	Inspector Comments: FS_ID:11563 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for crossing. FIELD_STRUCT_DESC: Communication line through the levee at unknown depth on downstream side of bridge. FS Date: 2/26/2013	39.026347 ° 39.026347 °	-121.542343 ° -121.542343 °	1 Y
DWR ID: DWR_RD0784_04_f_2013_1										
2	3.84	3.84	Earthen Levee	Vegetation	LS	A Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	39.029771 ° -121.542350 °	39.029771 ° -121.542350 °	3 Y
DWR ID: DWR_RD0784_04_f_2013_3										
3	4.31	4.43	Earthen Levee	Erosion / Bank Caving	CR	A Ma	E1 : Note and monitor erosion site.	39.036594 ° -121.542377 °	39.038493 ° -121.542380 °	4 Y
DWR ID: DWR_RD0784_04_s_2012_4										
4	6.26	6.26	Supplemental	DWR UCIP Field Study	CR	U En	Inspector Comments: FS_ID:9528 EP_NO: 5384 Repair Type: Urgent Crossing Status: Found UCIP Comments: Large animal burrough along pipe alignment on WS has undermined pipe for an unknown length. Pipe is corroded through on WS. Pipe should be properly abandoned. FIELD_STRUCT_DESC: 8-inch pipe through the levee 2.6 feet below the crown. Vertical pump unit and service pole on the waterward side. Discharge into concrete riser on the landward side. (Permit No. 5284) 1966. FS Date: 2/26/2013	39.058533 ° 39.058533 °	-121.550485 ° -121.550485 °	2 Y
DWR ID: DWR_RD0784_04_f_2013_2										

* 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. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Interceptor Canal	Right	6.35	11/13/2013 11/13/2013	Matthew Hoffman

Levee Mile Report Line	1
Start Levee Mile	3.60
End Levee Mile	3.60
Location	Crown
Category	Supplemental
Item	DWR UCIP Field Study
Communication line at base of JP on WS slope.	
UCIP_6329.jpg	



Levee Mile Report Line	2
Start Levee Mile	3.84
End Levee Mile	3.84
Location	Land Side
Category	Earthen Levee
Item	Vegetation
This photo was taken from the levee crown facing north looking down the landward slope at acceptable vegetation control. Fall 2013.	
mhoffman_f_20131115_705.JPG	



Levee Mile Report Line	3
Start Levee Mile	4.31
End Levee Mile	4.43
Location	Crown
Category	Earthen Levee
Item	Erosion / Bank Caving
Levee mile 4.31, looking at a crack near the landside shoulder with a temporary repair.	
mhoffman_f_20130917_075.jpg	



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Interceptor Canal	Right	6.35	11/13/2013 11/13/2013	Matthew Hoffman

Levee Mile Report Line	4
Start Levee Mile	6.26
End Levee Mile	6.26
Location	Crown
Category	Supplemental
Item	DWR UCIP Field Study
Concrete riser and pipe on LS toe.	
UCIP_5691.jpg	



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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2013 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles
Unit No. 05 Interceptor Canal	Left	4.20

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	04/24/2013 - 04/24/2013		11/13/2013 - 11/13/2013	
DWR Inspector	Rick Burnett		Matthew Hoffman	
Accompanied By	Steve Fordice RD 784		Patrick Meagher RD 784	

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.20	11/13/2013 11/13/2013	Matthew Hoffman

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.83	0.83	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:9543 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No handle or access to slide gate on LS toe. FIELD_STRUCT_DESC: 30-inch CM pipe through the levee 23.7 feet below the crown. Flap gate on the waterward end. Slide gate in concrete drop inlet on the landward side. Originally included in O+M manual (1955). FS Date: 2/26/2013	38.986432 ° 38.986432 °	-121.534983 ° -121.534983 °	1 Y
DWR ID: DWR_RD0784_05_f_2013_1										
2	1.02	1.02	Earthen Levee	Vegetation	WS	A Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.989108 ° -121.535521 °	38.989108 ° -121.535521 °	15 Y
DWR ID: DWR_RD0784_05_f_2013_15										
3	1.08	1.72	Earthen Levee	Encroachments	LS	M En	DT : Ditch	38.989955 ° -121.535672 °	38.999068 ° -121.537462 °	10 Y
DWR ID: DWR_RD0784_05_s_2012_10										
4	1.85	1.85	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:9545 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Inlet burried. Good candidate for video inspection as pipe is corroded. FIELD_STRUCT_DESC: 18-inch CM drain pipe through the levee, 14.5 feet below the crown. Flap gate on the waterward end. Concrete "U" headwall on the waterward side. Originally included in O+M manual (1955). FS Date: 2/27/2013	39.000975 ° 39.000975 °	-121.537779 ° -121.537779 °	2 Y
DWR ID: DWR_RD0784_05_f_2013_2										
5	2.04	2.04	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:9546 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Erosion at outlet may or may not be an issue. FIELD_STRUCT_DESC: 18-inch CM drain pipe through the levee, 14.5 feet below the crown. Flap gate on the waterward end. Concrete "U" headwall on the waterward side. PVC weir on inlet. Originally included in O+M manual (1955). FS Date: 2/27/2013	39.003643 ° 39.003643 °	-121.538292 ° -121.538292 °	8 Y
DWR ID: DWR_RD0784_05_f_2013_8										
6	2.10	3.06	Earthen Levee	Encroachments	LS	M En	DT : Ditch	39.004562 ° -121.538482 °	39.015593 ° -121.528533 °	9 Y
DWR ID: DWR_RD0784_05_s_2012_9										
7	2.19	2.19	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: berries	39.005824 ° -121.538705 °	39.005824 ° -121.538705 °	7 Y
DWR ID: DWR_RD0784_05_f_2012_7										

* 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. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.20	11/13/2013 11/13/2013	Matthew Hoffman

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
8	2.47	2.47	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:9547 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Heavy erosion around inlet headwall due to beaver activity. FIELD_STRUCT_DESC: 18-inch CM drain pipe through the levee, 15.5 feet below the crown. Flap gate on the waterward end. Concrete "U" headwall on the waterward side. Originally included in O+M manual (1955). FS Date: 2/27/2013	39.008994 ° 39.008994 °	-121.535679 ° -121.535679 °	11 Y
DWR ID: DWR_RD0784_05_f_2013_11										
9	2.51	3.36	Earthen Levee	Encroachments	WS	U En	FE : Fence	39.009439 ° -121.535210 °	39.017779 ° -121.524150 °	5 Y
DWR ID: DWR_RD0784_05_s_2013_5										
10	2.98	2.98	Earthen Levee	Erosion / Bank Caving	WS	M Ma	E2 : Schedule repair of erosion site prior to the next inspection.	39.014631 ° -121.529577 °	39.014631 ° -121.529577 °	3 Y
DWR ID: DWR_RD0784_05_s_2013_3										
11	3.06	3.06	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:9563 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe has been sliplined with PVC, but the liner appears to be eroding at outlet and may be disjointed internal to the levee. See pic. Good candidate for video inspection. FIELD_STRUCT_DESC: 12-inch CM drain pipe through the levee, 12.0 feet below the crown. Flap gate and concrete "U" headwall on the waterward side. PVC weir on inlet at LS toe. Originally included in O+M manual (1955). FS Date: 2/27/2013	39.015549 ° 39.015549 °	-121.528590 ° -121.528590 °	12 Y
DWR ID: DWR_RD0784_05_f_2013_12										
12	3.06	3.06	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:9548 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe has been sliplined with PVC, but the liner appears to be eroding at outlet and may be disjointed internal to the levee. See pic. FIELD_STRUCT_DESC: 12-inch CM drain pipe through the levee, 12.0 feet below the crown. Flap gate and concrete "U" headwall on the waterward side. PVC weir on inlet at LS toe. Originally included in O+M manual (1955). FS Date: 2/27/2013	39.015549 ° 39.015549 °	-121.528590 ° -121.528590 °	13
DWR ID: DWR_RD0784_05_f_2013_13										
13	3.88	4.19	Earthen Levee	Vegetation	CR	C Ma	V9 : Keep the crown roadway free of vegetation.	39.019540 ° -121.514710 °	39.020552 ° -121.509206 °	4
DWR ID: DWR_RD0784_05_s_2013_4										

* 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. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.20	11/13/2013 11/13/2013	Matthew Hoffman

LMR No.	Levee Mile		Category	Item	* Location	+ Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
14	3.89	4.20	Earthen Levee	Vegetation	WS	C Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	39.019567 ° -121.514560 °	39.020545 ° -121.509080 °	86
DWR ID: DWR_RD0784_05_s_2012_86										
15	3.89	4.20	Earthen Levee	Vegetation	LS	C Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	39.019566 ° -121.514560 °	39.020545 ° -121.509078 °	83
DWR ID: DWR_RD0784_05_s_2012_83										
16	3.96	3.96	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:9567 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe burried on LS toe and flap gate is blocked by soil on WS toe. FIELD_STRUCT_DESC: 18-inch CM pipe through the levee, 10.0 feet below the crown. Flap gate on the waterward end. Originally included in O+M manual (1955). FS Date: 2/27/2013	39.019787 ° 39.019787 °	-121.513386 ° -121.513386 °	14 Y
DWR ID: DWR_RD0784_05_f_2013_14										

* 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. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.20	11/13/2013 11/13/2013	Matthew Hoffman

Levee Mile Report Line	1
Start Levee Mile	0.83
End Levee Mile	0.83
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

Concrete drop-inlet at LS toe.

UCIP_5695.jpg



Levee Mile Report Line	2
Start Levee Mile	1.02
End Levee Mile	1.02
Location	Water Side
Category	Earthen Levee
Item	Vegetation

This photo was taken from the levee crown facing west looking down the waterward slope at acceptable vegetation control. Fall 2013.

mhoffman_f_20131115_706.JPG



Levee Mile Report Line	3
Start Levee Mile	1.08
End Levee Mile	1.72
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Ditch at L/S toe.

mhoffman_f_20130917_079.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. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.20	11/13/2013 11/13/2013	Matthew Hoffman

Levee Mile Report Line	4
Start Levee Mile	1.85
End Levee Mile	1.85
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
Drainage outlet on WS toe.	
UCIP_5698.jpg	



Levee Mile Report Line	5
Start Levee Mile	2.04
End Levee Mile	2.04
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
Concrete U-shaped outlet on WS toe.	
UCIP_5701.jpg	



Levee Mile Report Line	8
Start Levee Mile	2.47
End Levee Mile	2.47
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
Inlet on LS.	
UCIP_5704.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. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.20	11/13/2013 11/13/2013	Matthew Hoffman

Levee Mile Report Line	9
Start Levee Mile	2.51
End Levee Mile	3.36
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Fence at L/S levee toe.	
mhoffman_f_20130917_078.JPG	



Levee Mile Report Line	10
Start Levee Mile	2.98
End Levee Mile	2.98
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Levee mile 2.98, erosion near the waterside levee toe.	
mhoffman_f_20130917_077.JPG	



Levee Mile Report Line	11
Start Levee Mile	3.06
End Levee Mile	3.06
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study
PVC weir on LS toe. Notice pipe debris from repair.	
UCIP_5713.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. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.20	11/13/2013 11/13/2013	Matthew Hoffman

Levee Mile Report Line	16
Start Levee Mile	3.96
End Levee Mile	3.96
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study
Outlet on WS toe .	
UCIP_5717.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**

Unit Cover Sheet

Fall 2013 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles
Unit No. 06 South Dry Creek	Right	1.50

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	04/24/2013 - 04/24/2013		11/13/2013 - 11/13/2013	
DWR Inspector	Rick Burnett		Matthew Hoffman	
Accompanied By			Patrick Meagher RD 784	

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. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 South Dry Creek	Right	1.50	11/13/2013 11/13/2013	Matthew Hoffman

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.06	0.06	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:9568 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe partially blocked on LS and flap gate blocked on WS. FIELD_STRUCT_DESC: 18-inch CM drain pipe through the levee 19-feet below the crown. Gate valve on waterward side. Originally included in O+M Manual (1955). See Dwg. 2-4-106 Sheet 2. FS Date: 2/27/2013	38.985999 ° 38.985999 °	-121.509618 ° -121.509618 °	1 Y
DWR ID: DWR_RD0784_06_f_2013_1										
2	0.15	0.15	Earthen Levee	Vegetation	LS	A Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.986766 ° -121.508204 °	38.986766 ° -121.508204 °	23 Y
DWR ID: DWR_RD0784_06_f_2013_23										
3	0.25	1.27	Earthen Levee	Vegetation	WS	A Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.987560 ° -121.506611 °	38.996953 ° -121.491973 °	4 Y
DWR ID: DWR_RD0784_06_s_2012_4										
4	0.25	1.27	Earthen Levee	Vegetation	LS	A Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.987560 ° -121.506611 °	38.996955 ° -121.491830 °	2 Y
DWR ID: DWR_RD0784_06_s_2012_2										
5	0.27	0.27	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:11568 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Flap gate partially blocked by vegetation at outlet. FIELD_STRUCT_DESC: 18-inch CM drain pipe through the levee 19.5-feet below the crown. Flap gate and headwall on waterward side. Originally included in O+M Manual (1955). FS Date: 2/27/2013	38.987762 ° 38.987762 °	-121.506271 ° -121.506271 °	6 Y
DWR ID: DWR_RD0784_06_f_2013_6										
6	0.32	0.39	Earthen Levee	Vegetation	LS	A Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Dense berry bushes along lower slope.	38.988314 ° -121.505273 °	38.988710 ° -121.504499 °	3 Y
DWR ID: DWR_RD0784_06_f_2012_3										
7	0.54	0.54	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:11566 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Pipe heavily corroded and failing at inlet an outlet. FIELD_STRUCT_DESC: 24-inch CM drain pipe through the levee 20.5-feet below the crown. Flap gate and headwall on waterward side. Originally included in O+M Manual (1955). FS Date: 3/25/2013	38.989915 ° 38.989915 °	-121.502113 ° -121.502113 °	17 Y
DWR ID: DWR_RD0784_06_f_2013_17										

* 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. 0784 Plumas Lake

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 South Dry Creek				Right	1.50	11/13/2013 11/13/2013	Matthew Hoffman

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
8	0.54	0.79	Earthen Levee	Vegetation	LS	U	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Dense berry bushes along lower slope.	38.989961 ° -121.502009 °	38.992220 ° -121.498198 °	8 Y
DWR ID: DWR_RD0784_06_f_2012_8										
9	0.58	0.58	Earthen Levee	Vegetation	WS	U	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Berries and saplings on the slope.	38.990201 ° -121.501522 °	38.990201 ° -121.501522 °	7 Y
DWR ID: DWR_RD0784_06_f_2012_7										
10	0.68	0.68	Interior Drainage & Piping Systems	Culverts: Breaks / Holes / Cracks	WS	U		38.991084 ° -121.499871 °	38.991084 ° -121.499871 °	11 Y
DWR ID: DWR_RD0784_06_f_2012_11										
11	0.69	0.69	Supplemental Field Study	DWR UCIP Field Study	WS	U	Inspector Comments: FS_ID:11565 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Corrosion holes on WS toe and flap gate is blocked by debris. Flap gate broken. Inlet partially blocked at concrete inlet. FIELD_STRUCT_DESC: 24-inch CM drain pipe through the levee 20.0-feet below the crown. Flap gate and headwall on waterward side. 56X34-inch concrete inlet on LS toe. Originally included in O+M Manual (1955). FS Date: 3/25/2013	38.991062 ° 38.991062 °	-121.499886 ° -121.499886 °	18 Y
DWR ID: DWR_RD0784_06_f_2013_18										
12	0.69	0.69	Supplemental Field Study	DWR UCIP Field Study	WS	M	Inspector Comments: FS_ID:12343 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Cleaning of debris on both sides of the levee required.Half box concrete outlet structure on LS. FIELD_STRUCT_DESC: 24-inch corrugated metal drain pipe through the levee, 20.0 feet below the crown. Flap gate on the waterward end. O&M Manual Sac 145, August 1955. FS Date: 4/16/2013	38.991082 ° 38.991082 °	-121.499888 ° -121.499888 °	19 Y
DWR ID: DWR_RD0784_06_f_2013_19										
13	0.69	0.69	Supplemental Field Study	DWR UCIP Field Study	WS	M	Inspector Comments: FS_ID:12335 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Cleaning of debris on both sides of the levee required.half concrete box as outlet structure on LS FIELD_STRUCT_DESC: 24-inch corrugated metal drain pipe through the levee, 20.0 feet below the crown. Flap gate on the waterward end. O&M Manual Sac 145, August 1955. FS Date: 4/16/2013	38.991082 ° 38.991082 °	-121.499888 ° -121.499888 °	20 Y
DWR ID: DWR_RD0784_06_f_2013_20										

* 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. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 South Dry Creek	Right	1.50	11/13/2013 11/13/2013	Matthew Hoffman

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
14	0.85	1.26	Earthen Levee	Encroachments	LS	M En	FE : Fence	38.992669 ° -121.497525 °	38.996885 ° -121.491956 °	15 Y
DWR ID: DWR_RD0784_06_s_2013_15										
15	0.85	0.85	Earthen Levee	Vegetation	LS	U Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Dense berry bushes along lower slope.	38.992657 ° -121.497542 °	38.992657 ° -121.497542 °	9 Y
DWR ID: DWR_RD0784_06_f_2012_9										
16	1.17	1.17	Interior Drainage & Piping Systems	Culverts: Breaks / Holes / Cracks	WS	U Ma		38.995856 ° -121.493110 °	38.995856 ° -121.493110 °	10 Y
DWR ID: DWR_RD0784_06_f_2012_10										
17	1.18	1.18	Supplemental	DWR UCIP Field Study	WS	U En	Inspector Comments: FS_ID:11564 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Pipe heavily corroded and damaged. 8-inch PVC pipe runs through pipe/possibly for irrigation. CMP heavily rusted on WS toe and debris blocking flap gate on WS toe. FIELD_STRUCT_DESC: 20-inch CM drain pipe through the levee 16.5-feet below the crown. Flap gate on waterward side. Originally included in O+M Manual (1955). FS Date: 3/25/2013	38.995852 ° 38.995852 °	-121.493111 ° -121.493111 °	21 Y
DWR ID: DWR_RD0784_06_f_2013_21										
18	1.26	1.33	Interior Drainage & Piping Systems	Culverts: Inlets / Outlets	WS	M Ma		° °	° °	16 Y
DWR ID: DWR_RD0784_06_f_2012_16										
19	1.27	1.50	Earthen Levee	Vegetation	LS	U Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.997019 ° -121.491802 °	38.999719 ° -121.490147 °	12 Y
DWR ID: DWR_RD0784_06_f_2012_12										
20	1.27	1.50	Earthen Levee	Vegetation	WS	U Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.997019 ° -121.491802 °	38.999719 ° -121.490148 °	13 Y
DWR ID: DWR_RD0784_06_f_2012_13										
21	1.27	1.50	Earthen Levee	Vegetation	CR	U Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.997019 ° -121.491802 °	38.999719 ° -121.490147 °	14 Y
DWR ID: DWR_RD0784_06_f_2012_14										

* 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. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 South Dry Creek	Right	1.50	11/13/2013 11/13/2013	Matthew Hoffman

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
22	1.29	1.29	Supplemental	DWR UCIP Field Study	CR	U En	Inspector Comments: FS_ID:11567 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Pipe visible on LS at toe of roadway embankment, but not visible on WS. Possible sinkhole over pipe at LS toe. Pipe heavily rusted. FIELD_STRUCT_DESC: 18-inch CM drain pipe through the levee approximately 15-feet below the crown. Pipe alignment from west of intersection of 40-mile road and levee at 45 degrees to levee to WS. Flap gate on waterward side. Originally included in O+M Manual (1955). FS Date: 3/25/2013	38.997048 °	-121.491743 °	22 Y

DWR ID: DWR_RD0784_06_f_2013_22

* 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. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 South Dry Creek	Right	1.50	11/13/2013 11/13/2013	Matthew Hoffman

Levee Mile Report Line	1
Start Levee Mile	0.06
End Levee Mile	0.06
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
INlet at LS toe.	
UCIP_5720.jpg	



Levee Mile Report Line	2
Start Levee Mile	0.15
End Levee Mile	0.15
Location	Land Side
Category	Earthen Levee
Item	Vegetation
This photo was taken from the levee crown facing east looking down the landward slope at acceptable vegetation control. Fall 2013.	
mhoffman_f_20131115_708.JPG	



Levee Mile Report Line	5
Start Levee Mile	0.27
End Levee Mile	0.27
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
Pipe at LS toe	
UCIP_6345.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. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 South Dry Creek	Right	1.50	11/13/2013 11/13/2013	Matthew Hoffman

Levee Mile Report Line	6
Start Levee Mile	0.32
End Levee Mile	0.39
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Levee mile 0.39 looking downstream at the vegetation on the slope. The slope is maintained by RD 817 in unit 3.	
mhoffman_f_20130917_082.JPG	



Levee Mile Report Line	7
Start Levee Mile	0.54
End Levee Mile	0.54
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
Pipe on LS toe corroded through.	
UCIP_6339.jpg	



Levee Mile Report Line	8
Start Levee Mile	0.54
End Levee Mile	0.79
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Levee mile 0.54, the landside slope.	
mhoffman_f_20130917_083.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. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 South Dry Creek	Right	1.50	11/13/2013 11/13/2013	Matthew Hoffman

Levee Mile Report Line	10
Start Levee Mile	0.68
End Levee Mile	0.68
Location	Water Side
Category	Interior Drainage & Piping Systems
Item	Culverts: Breaks / Holes / Cracks

Levee mile 0.68, this is located near the low flow channel, the flap gate is lying on the ground, the end of the pipe was not located.

mhoffman_f_20130917_085.JPG



Levee Mile Report Line	10
Start Levee Mile	0.68
End Levee Mile	0.68
Location	Water Side
Category	Interior Drainage & Piping Systems
Item	Culverts: Breaks / Holes / Cracks

CMP is rusting and has numerous holes but flap gate is in place. 4/25/13 - Burnett

mhoffman_f_20130917_086.JPG



Levee Mile Report Line	10
Start Levee Mile	0.68
End Levee Mile	0.68
Location	Water Side
Category	Interior Drainage & Piping Systems
Item	Culverts: Breaks / Holes / Cracks

L/S Intake at LM 0.68

mhoffman_f_20130917_087.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>N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain</p>	<p>+ Issue Type</p> <p>Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 South Dry Creek	Right	1.50	11/13/2013 11/13/2013	Matthew Hoffman

Levee Mile Report Line	11
Start Levee Mile	0.69
End Levee Mile	0.69
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study
debris partially blocking inlet on LS toe.	
UCIP_6336.jpg	



Levee Mile Report Line	14
Start Levee Mile	0.85
End Levee Mile	1.26
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Wire fence along L/S toe.	
mhoffman_f_20130917_089.JPG	



Levee Mile Report Line	16
Start Levee Mile	1.17
End Levee Mile	1.17
Location	Water Side
Category	Interior Drainage & Piping Systems
Item	Culverts: Breaks / Holes / Cracks
Levee mile 1.17 near the low flow channel, it appears a smaller pipe has been sleeved into the larger pipe, the flap gate does not make contact with the smaller pipe.	
mhoffman_f_20130917_084.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. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 South Dry Creek	Right	1.50	11/13/2013 11/13/2013	Matthew Hoffman

Levee Mile Report Line	17
Start Levee Mile	1.18
End Levee Mile	1.18
Location	Crown
Category	Supplemental
Item	DWR UCIP Field Study

Pipe on LS toe with 8-inch PVC pipe sticking out.

UCIP_6332.jpg



Levee Mile Report Line	18
Start Levee Mile	1.26
End Levee Mile	1.33
Location	Water Side
Category	Interior Drainage & Piping Systems
Item	Culverts: Inlets / Outlets

Levee mile 1.33 waterside of the levee, this pipe appears to be sleeved into a larger pipe, access to both ends is limited.

mhoffman_f_20130917_090.jpg



Levee Mile Report Line	21
Start Levee Mile	1.27
End Levee Mile	1.50
Location	Crown
Category	Earthen Levee
Item	Vegetation

Levee mile 1.27 looking upstream, typical of the levee from 1.27 to 1.50.

mhoffman_f_20130917_088.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>N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain</p>	<p>+ Issue Type</p> <p>Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 South Dry Creek	Right	1.50	11/13/2013 11/13/2013	Matthew Hoffman

Levee Mile Report Line	22
Start Levee Mile	1.29
End Levee Mile	1.29
Location	Crown
Category	Supplemental
Item	DWR UCIP Field Study
Sinkhole or animal burrow over pipe on LS toe.	
UCIP_6341.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**

Unit Cover Sheet

Fall 2013 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles
Unit No. 07 Yuba River	Left	3.91

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	04/24/2013 - 04/24/2013		11/13/2013 - 11/13/2013	
DWR Inspector	Rick Burnett		Matthew Hoffman	
Accompanied By			Patrick Meagher RD 784	

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).

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- a) completion of the inspection
- b) any changes other than the results of normal maintenance
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Yuba River	Left	3.91	11/13/2013 11/13/2013	Matthew Hoffman

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.69	0.69	Supplemental	DWR UCIP Field Study	WS	U En	Inspector Comments: FS_ID:9572 EP_NO: 3446 Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: USAA paint on roadway and flags along levee alignment. Needs proper markers. FIELD_STRUCT_DESC: 1-1/4-inch PG&E gas line through the levee, 2 feet below the crown. (Permit No. 3446) FS Date: 2/28/2013	39.138326 ° 39.138326 °	-121.540655 ° -121.540655 °	1 Y
DWR ID: DWR_RD0784_07_f_2013_1										
2	1.38	1.38	Earthen Levee	Vegetation	LS	A Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	39.143405 ° -121.530063 °	39.143405 ° -121.530063 °	3 Y
DWR ID: DWR_RD0784_07_f_2013_3										
3	2.18	2.18	Earthen Levee	Encroachments	WS	C En	EQ : Equipment	39.149330 ° -121.518550 °	39.149330 ° -121.518550 °	4
DWR ID: DWR_RD0784_07_s_2012_4										
4	2.23	2.23	Supplemental	USACE Erosion Survey	WS	C Ma	Inspector Comments: 2006 - Land owner has removed levee toe and lower slope during plowing and cultivation activities resulting in high, near vertical face at levee toe and exposure of levee core. 2007 - Levee is set back a ways from the channel. 2011 - Site currently being repaired under the Upper Yuba Levee Improvement Project by the Three Levees District. 2012: Site Repaired. [2012 Site ID: YUB_2-3_L]	39.153613 ° -121.513920 °	39.150442 ° -121.517481 °	6
DWR ID:										
5	####	####	Supplemental	DWR UCIP Field Study	WS	U En	Inspector Comments: FS_ID:9571 EP_NO: 3446 Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: USAA paint on roadway and flags along levee alignment. Needs proper markers. FIELD_STRUCT_DESC: 1-1/4-inch PG&E gas line through the levee, 2 feet below the crown. (Permit No. 3446) FS Date: 2/28/2013	39.138326 ° 39.138326 °	-121.540655 ° -121.540655 °	2
DWR ID: DWR_RD0784_07_f_2013_2										

* 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. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Yuba River	Left	3.91	11/13/2013 11/13/2013	Matthew Hoffman

Levee Mile Report Line	1
Start Levee Mile	0.69
End Levee Mile	0.69
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
Paint alignment marks on pavement, LS toe.	
UCIP_5725.jpg	



Levee Mile Report Line	2
Start Levee Mile	1.38
End Levee Mile	1.38
Location	Land Side
Category	Earthen Levee
Item	Vegetation
This photo was taken from the levee crown facing east looking down the landward slope at acceptable vegetation control. Fall 2013.	
mhoffman_f_20131115_709.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**

Unit Cover Sheet

Fall 2013 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles
Unit No. 08 Three Rivers	Right	1.88

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	04/24/2013 - 04/24/2013		11/13/2013 - 11/13/2013	
DWR Inspector	Rick Burnett		Matthew Hoffman	
Accompanied By			Patrick Meagher RD 784	

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Three Rivers	Right	1.88	11/13/2013 11/13/2013	Matthew Hoffman

LMIR No.	Levee Mile		Category	Item	* Location	+ Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.59	0.59	Earthen Levee	Vegetation	LS	A	V1 : Control annual grass and weeds on the levee slopes and easements.	38.957196 ° -121.564351 °	38.957196 ° -121.564351 °	1 Y

DWR ID: DWR_RD0784_08_f_2013_1

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

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Three Rivers	Right	1.88	11/13/2013 11/13/2013	Matthew Hoffman

Levee Mile Report Line	1
Start Levee Mile	0.59
End Levee Mile	0.59
Location	Land Side
Category	Earthen Levee
Item	Vegetation

This photo was taken from the levee crown facing east looking down the landward slope at acceptable vegetation control. Fall 2013.

mhoffman_f_20131115_703.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**

Unit Cover Sheet

Fall 2013 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles
Unit No. 09 Feather River, TRLIA Setback Levee	Left	5.73

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	04/24/2013 - 04/24/2013		11/13/2013 - 11/13/2013	
DWR Inspector	Rick Burnett		Matthew Hoffman	
Accompanied By			Patrick Meagher RD 784	

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Feather River, TRLIA Setback Levee	Left	5.73	11/13/2013 11/13/2013	Matthew Hoffman

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	5.06	5.06	Earthen Levee	Vegetation	WS	A	V1 : Control annual grass and weeds on the levee slopes and easements.	39.018869 °	39.018869 °	1
					Ma			-121.582644 °	-121.582644 °	Y

DWR ID: DWR_RD0784_09_f_2013_1

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

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Feather River, TRLIA Setback Levee	Left	5.73	11/13/2013 11/13/2013	Matthew Hoffman

Levee Mile Report Line	1
Start Levee Mile	5.06
End Levee Mile	5.06
Location	Water Side
Category	Earthen Levee
Item	Vegetation

This photo was taken from the levee crown facing north looking down the waterward slope at acceptable vegetation control. Fall 2013.

mhoffman_f_20131115_701.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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