

**Flood Control Project Maintenance
Levee Inspections**

Fall 2015 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	A	33.20						
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>								
Encroachments					2.89	0.01		
<i>Supplemental</i>								
2015 USACE Erosion Survey, DRAFT	0.04		0.04	0.12%				
DWR UCIP Field Study					0.12	0.03		
<i>LMA Totals:</i>	0.04	0.00	0.04	0.12%	3.01	0.04	0.00	0.00
Unit No. 01 Yuba River LB	Overall Unit Rating	Total Unit Miles						
RD0784	A	2.21						
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					0.61			
<i>Supplemental</i>								
DWR UCIP Field Study					0.01			
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.62	0.00	0.00	0.00
Unit No. 02A Feather River LB	Overall Unit Rating	Total Unit Miles						
RD0784	A	2.54						
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	A	3.95						
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					0.10			
<i>Supplemental</i>								
DWR UCIP Field Study					0.01			
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.11	0.00	0.00	0.00
Unit No. 03A Bear River RB	Overall Unit Rating	Total Unit Miles						
RD0784	A	0.78						
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>								
2015 USACE Erosion Survey, DRAFT	0.04		0.04	5.13%				
<i>Unit Totals:</i>	0.04	0.00	0.04	5.13%	0.00	0.00	0.00	0.00

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Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin (cont.)

Unit No. 03B Bear River RB		Overall Unit Rating	Total Unit Miles						
RD0784		A	1.49						
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			
<i>Unit Totals:</i>		0.00	0.00	0.00	0.00%	0.00	0.01	0.00 0.00	
Unit No. 04 Interceptor Canal RB		Overall Unit Rating	Total Unit Miles						
RD0784		A	6.33						
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	4.19						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<i>Earthen Levee</i>									
Encroachments						2.18	0.01		
<i>Supplemental</i>									
DWR UCIP Field Study						0.06			
<i>Unit Totals:</i>		0.00	0.00	0.00	0.00%	2.24	0.01	0.00 0.00	
Unit No. 06 South Dry Creek RB		Overall Unit Rating	Total Unit Miles						
RD0784		A	0.25						
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			
<i>Unit Totals:</i>		0.00	0.00	0.00	0.00%	0.01	0.00	0.00 0.00	
Unit No. 07 Yuba River LB		Overall Unit Rating	Total Unit Miles						
RD0784		A	3.82						
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			
<i>Unit Totals:</i>		0.00	0.00	0.00	0.00%	0.00	0.01	0.00 0.00	
Unit No. 08 Three Rivers RB		Overall Unit Rating	Total Unit Miles						
RD0784		A	1.93						
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%				

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Fall 2015 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin (cont.)

Unit No. 09 Feather River LB RD0784	Overall Unit Rating	Total Unit Miles						
	A	5.71						
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%	0.02	0.00	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2015 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)			A	

** 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 2015 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

Waterway		Bank	Unit Miles	
Unit No. 01 Yuba River		Left	2.21	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	03/25/2015 - 03/25/2015		10/07/2015 - 10/07/2015	
DWR Inspector	Michael Pitta		Pavel Kazi	
Accompanied By	Patrick Meagher RD 784		Patrick Meagher RD 784	

Summer & Winter Inspections

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- 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 2015

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yuba River	Left	2.21	10/07/2015 10/07/2015	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
DWR ID	DWR_RD0784_01_s_2013_4				
Action/Comments					
Inspector Comments: O&M manuals are located at the district office.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
DWR ID	DWR_RD0784_01_s_2013_5				
Action/Comments					
Inspector Comments: RD 784 participates with the neighboring districts to strategically place flood fight supplies around the local districts for fast response. They also have a shipping container at their district office, and three containers at another district full of flood fight supplies.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
DWR ID	DWR_RD0784_01_s_2013_6				
Action/Comments					
Inspector Comments: RD 784 and its employees host and participate in a Flood Fight class put on by DWR every fall in their district.					

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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yuba River	Left	2.21	10/07/2015 10/07/2015	Pavel Kazi

LM Start	0.16	Rating **	A	Issue No.	3
LM End	0.16	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.133635 °	39.133635 °	
			-121.554727 °	-121.554727 °	
DWR ID	DWR_RD0784_01_f_2015_3				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Acceptable vegetation.					

Photo 1 of 1 : FA_2015_RD0784_178_3_20151009_00004.jpg



View of the acceptable vegetation on the waterside slope of the levee looking downstream.

LM Start	0.51	Rating **	M	Issue No.	12
LM End	1.00	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.131558 °	39.129475 °	
			-121.560668 °	-121.569209 °	
DWR ID	DWR_RD0784_01_f_2012_12				
Action/Comments					
Fence Inspector Comments: Fences are found within the 10 feet of levee easement .					

Photo 1 of 1 : FA_2015_RD0784_178_12_20151009_00005.jpg



Fences were found on the landside toe of the levee looking downstream.

LM Start	1.00	Rating **	M	Issue No.	13
LM End	1.12	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.129475 °	39.129615 °	
			-121.569210 °	-121.571371 °	
DWR ID	DWR_RD0784_01_f_2012_13				
Action/Comments					
Fence					

Photo 1 of 1 : FA_2015_RD0784_178_13_20150911_00003.jpg



Levee mile 1.00-1.12, this photo shows a fence near the levee toe on the landside.

* 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 2015

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yuba River	Left	2.21	10/07/2015 10/07/2015	Pavel Kazi

LM Start	1.28	Rating **	A/W	Issue No.	2
LM End	1.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.129783 °	39.129783 °	
			-121.574384 °	-121.574384 °	
DWR ID	DWR_RD0784_01_s_2012_2				
Action/Comments					
Elderberries are blocking visibility and flood fight capability. Inspector Comments: Elderberry tree is appeared to be dying on the waterside slope of the levee.					

Photo 1 of 2 : FA_2015_RD0784_178_2_20151009_00006.jpg



View of the elderberry tree on the waterside of the levee looking downstream.

LM Start	1.28	Rating **	A/W	Issue No.	2 (cont)
LM End	1.28	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2015_RD0784_178_2_20150911_00001.jpg



W/S slope vegetation, Elderberry.

LM Start	1.31	Rating **	M	Issue No.	14
LM End	1.31	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.129826 °	39.129826 °	
			-121.574940 °	-121.574940 °	
DWR ID	DWR_RD0784_01_f_2015_14				
Action/Comments					
Inspector Comments: FS_ID:46778 DS_ID:18552 EP_NO: N/A FS_HLM: 1.315 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 1 of 3 : UCIP_FA_2015_1204.jpg



Marker on east side of Rail/WS of Levee.

* 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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yuba River	Left	2.21	10/07/2015 10/07/2015	Pavel Kazi

LM Start	1.31	Rating **	M	Issue No.	14 (cont)
LM End	1.31	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.129826 °	39.129826 °
				-121.574940 °	-121.574940 °
DWR ID	DWR_RD0784_01_f_2015_14				
Action/Comments					
Inspector Comments: FS_ID:46778 DS_ID:18552 EP_NO: N/A FS_HLM: 1.315 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 11-1-2015 - Letter requesting permit or to provide permit sent to owner Century Link, 700 W. Mineral Avenue, Rm D 27.34, Littleton, CO 80120 on 2/18/2014. Pending CVFPB enforcement on utility crossing owner. Requesting DWR inspector to change the status of this issue to "No Action Needed" (P. Meagher - RD784)No permit identified for this crossing. Need to determine if owner has permit. (W.Wylie UCIP Inspector). FIELD_STRUCT_DESC: Fiber Optic Communication lines cross levee. Diameter unknown. FS Date: 09/11/2015					

Photo 2 of 3 : UCIP_FA_2015_3041.jpg



Marker on East side of Rail/LS of levee.

Photo 3 of 3 : UCIP_FA_2015_3042.jpg



Marker on east side of Rail/WS of Levee.

* 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 2015 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

Waterway		Bank	Unit Miles	
Unit No. 02A Feather River		Left	2.54	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	03/25/2015 - 03/25/2015		10/07/2015 - 10/07/2015	
DWR Inspector	Michael Pitta		Pavel Kazi	
Accompanied By	Patrick Meagher RD 784		Patrick Meagher RD 784	

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Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A Feather River	Left	2.54	10/07/2015 10/07/2015	Pavel Kazi

LM Start	0.05	Rating **	A	Issue No.	2
LM End	0.05	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.125130 °	39.125130 °
				-121.588549 °	-121.588549 °
DWR ID	DWR_RD0784_02A_f_2015_2				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Acceptable vegetation					

Photo 1 of 1 : FA_2015_RD0784_531_2_20151009_00001.jpg



View of the acceptable vegetation on the waterside of the levee looking downstream.

* 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
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2015 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

Waterway		Bank	Unit Miles	
Unit No. 02B Feather River		Left	3.95	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	03/25/2015 - 03/25/2015		10/07/2015 - 10/07/2015	
DWR Inspector	Michael Pitta		Pavel Kazi	
Accompanied By	Patrick Meagher RD 784		Patrick Meagher RD 784	

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Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B Feather River	Left	3.95	10/07/2015 10/07/2015	Pavel Kazi

LM Start	Rating **	M	Issue No.	8
LM End	Issue Type +	En	Location *	LS
Category	Supplemental	GPS Latitude/Longitude		
		Start	End	
Item	DWR UCIP Field Study	39.005970 °	39.005970 °	
		-121.578008 °	-121.578008 °	
DWR ID				
Action/Comments				
Inspector Comments: FS_ID:46784 DS_ID:18716 EP_NO: 18227 FS_HLM: 9.247 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 11-1-2015 - Gate is locked (By owner) as of 9/11/2015 (P. Meagher - RD784) Gate on enclosure at LS toe is not locked. Vaults on WS toe are open and need to be secured. (W. Wylie - UCIP Inspector). 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: 08/01/2014				

Photo 1 of 3 : UCIP_FA_2015_3435.jpg



Pumphouse off WS toe at waters edge. Vaults with access to pipes in foreground.

LM Start	Rating **	M	Issue No.	8 (cont)
LM End	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_FA_2015_3442.jpg



Concrete distribution box with chain link enclosure on LS toe.

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

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B Feather River	Left	3.95	10/07/2015 10/07/2015	Pavel Kazi

LM Start	Rating **	M	Issue No.	8 (cont)	
LM End	Issue Type +	En	Location *	LS	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.005970 °	39.005970 °	
			-121.578008 °	-121.578008 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:46784 DS_ID:18716 EP_NO: 18227 FS_HLM: 9.247 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP_FA_2015_3443.jpg



Vault on WS shoulder.

LM Start	8.96	Rating **	A/W	Issue No.	1
LM End	9.36	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2015 USACE Erosion Survey, DRAFT		39.009366 °	39.004549 °	
			-121.579766 °	-121.579143 °	
DWR ID	DWR_RD0784_02B_f_2015_1				
Action/Comments					
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 sections of new erosion. 2015: Last observed in 2013. [2015 Site ID: FHR_17-8_L]					

Photo 1 of 1 : USACE2013A_FHR_17-8_L_11.jpg



USACE 2013 Photo #1

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

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B Feather River	Left	3.95	10/07/2015 10/07/2015	Pavel Kazi

LM Start	9.21	Rating **	M	Issue No.	6
LM End	9.31	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.006523 °	39.005235 °	
			-121.577843 °	-121.578286 °	
DWR ID	DWR_RD0784_02_f_2012_6				
Action/Comments					
Material Inspector Comments: Paving at toe.					

Photo 1 of 1 : FA_2015_RD0784_532_6_20150911_00001.jpg



Levee mile 9.21, new paving near the levee toe, no permit found for this work.

LM Start	9.33	Rating **	A	Issue No.	2
LM End	9.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.004951 °	39.004951 °	
			-121.578390 °	-121.578390 °	
DWR ID	DWR_RD0784_02B_f_2015_2				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: LMA fixed the issue after the fall 2015 inspection.					

Photo 1 of 2 : FA_2015_RD0784_532_2_20151009_00004.jpg



LMA backfilled the rodent hole after the fall 2015 inspection.

LM Start	9.33	Rating **	A	Issue No.	2 (cont)
LM End	9.33	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA_2015_RD0784_532_2_20151009_00003.jpg



Rodent hole was found on the landside toe of the levee looking downstream.

* 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
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2015 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

Waterway		Bank	Unit Miles	
Unit No. 03A Bear River		Right	0.78	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	03/25/2015 - 03/26/2015		10/07/2015 - 10/07/2015	
DWR Inspector	Michael Pitta		Pavel Kazi	
Accompanied By	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

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<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 2015

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03A Bear River	Right	0.78	10/07/2015 10/07/2015	Pavel Kazi

LM Start	2.45	Rating **	A	Issue No.	3
LM End	2.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.970822 °	38.970822 °	
			-121.547410 °	-121.547410 °	
DWR ID	DWR_RD0784_03A_f_2015_3				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: LMA backfilled the rodent hole after the inspection.					

Photo 1 of 2 : FA_2015_RD0784_533_3_20151009_00002.jpg



LMA backfilled the rodent hole after completion of the fall 2015 inspection.

LM Start	2.45	Rating **	A	Issue No.	3 (cont)
LM End	2.45	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA_2015_RD0784_533_3_20151009_00001.jpg



A rodent hole was found on the landside toe of the levee looking upstream.

LM Start	10.36	Rating **	M	Issue No.	2
LM End	10.40	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2015 USACE Erosion Survey, DRAFT		38.981400 °	38.981271 °	
			-121.515848 °	-121.515999 °	
DWR ID					
Action/Comments					
Inspector Comments: 2009 - Small site which could be repaired with maintenance. Erosion into the levee toe, rock has started to fail. 2015: Last observed in 2013. [2015 Site ID: BER_4-9_R]					

Photo 1 of 1 : USACE2013A_BER_4-9_R_4.jpg



USACE 2013 Photo #1

* 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
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2015 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

Waterway		Bank	Unit Miles	
Unit No. 03B Bear River		Right	1.49	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	03/26/2015 - 03/26/2015		10/08/2015 - 10/08/2015	
DWR Inspector	Michael Pitta		Pavel Kazi	
Accompanied By	Patrick Meagher 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 2015

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03B Bear River	Right	1.49	10/08/2015 10/08/2015	Pavel Kazi

LM Start	Rating **	U	Issue No.	5
LM End	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude	
	Start	End		
Item	DWR UCIP Field Study		38.985247 °	38.985247 °
			-121.511075 °	-121.511075 °
DWR ID				
Action/Comments				
Inspector Comments: FS_ID:46782 DS_ID:18627 EP_NO: N/A FS_HLM: 4.691 Repair Type: Urgent Crossing Status: Found UCIP Comments: 11-1-2015 - Flap Gate has been cleared as of 12/9/2014 and again during summer of 2015 - (P.Meagher-RD784)Flap gate blocked by vegetation on WS toe. Unable to locate inlet.(W. Wylie - UCIP Inspector) 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: 09/11/2015				

No Photos

LM Start	3.28	Rating **	A	Issue No.	1
LM End	3.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
	Start	End			
Item	Vegetation		38.974232 °	38.974232 °	
			-121.531285 °	-121.531285 °	
DWR ID	DWR_RD0784_03B_f_2015_1				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Acceptable vegetation.					

Photo 1 of 1 : FA_2015_RD0784_534_1_20151009_00001.jpg



View of acceptable vegetation on the waterside of the levee looking upstream.

* 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
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2015 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

Waterway		Bank	Unit Miles	
Unit No. 04 Interceptor Canal		Right	6.33	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	03/25/2015 - 03/26/2015		10/07/2015 - 10/08/2015	
DWR Inspector	Michael Pitta		Pavel Kazi	
Accompanied By	Patrick Meagher RD 784		Patrick Meagher RD 784	

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Interceptor Canal	Right	6.33	10/07/2015 10/08/2015	Pavel Kazi

LM Start		Rating **	U	Issue No.	4
LM End		Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.058533 °	39.058533 °
				-121.550485 °	-121.550485 °
DWR ID					

Photo 1 of 3 : UCIP_FA_2015_3430.jpg



Action/Comments

Inspector Comments: FS_ID:46783
 DS_ID:18581
 EP_NO: 5384
 FS_HLM: 6.261
 Repair Type: Urgent
 Crossing Status: Found
 UCIP Comments: 11-1-2015 - Notification Letter Dated 1/10/2014 to fix the problem sent to property owner Vera Lyn Herrell at 18548 Ivan St., Rochester WA 98579. UPDATE: On June 11, 2014 the pipe owner accepted a blank CVFPB permit application to pursue repairs. Pending Correspondence. Requesting DWR to change the status of this issue to "No Further Action Needed by the LMA". 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. (W. Wylie - UCIP Inspector).
 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. 5384) 1966.
 FS Date: 09/11/2015

Corrosion holes through pipe on WS 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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Interceptor Canal	Right	6.33	10/07/2015 10/08/2015	Pavel Kazi

LM Start	Rating **	U	Issue No.	4 (cont)	
LM End	Issue Type +	En	Location *	WS	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.058533 °	39.058533 °	
			-121.550485 °	-121.550485 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:46783 DS_ID:18581 EP_NO: 5384 FS_HLM: 6.261 Repair Type: Urgent Crossing Status: Found UCIP Comments: 11-1-2015 - Notification Letter Dated 1/10/2014 to fix the problem sent to property owner Vera Lyn Herrell at 18548 Ivan St., Rochester WA 98579. UPDATE: On June 11, 2014 the pipe owner accepted a blank CVFPB permit application to pursue repairs. Pending Correspondence. Requesting DWR to change the status of this issue to "No Further Action Needed by the LMA". 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. (W. Wylie - UCIP Inspector). 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. 5384) 1966. FS Date: 09/11/2015					

Photo 3 of 3 : UCIP_FA_2015_3432.jpg



Animal burrough under pipe on WS slope.

LM Start	0.03	Rating **	A	Issue No.	3
LM End	0.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.975170 °	38.975170 °	
			-121.535128 °	-121.535128 °	
DWR ID	DWR_RD0784_04_f_2015_3				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Acceptable vegetation.					

Photo 1 of 1 : FA_2015_RD0784_181_3_20151009_00001.jpg



View of the acceptable vegetation on the waterside of the levee.

* 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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Interceptor Canal	Right	6.33	10/07/2015 10/08/2015	Pavel Kazi

LM Start	3.59	Rating **	M	Issue No.	5
LM End	3.59	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.026347 °	39.026347 °
				-121.542343 °	-121.542343 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:46600 DS_ID:22686 EP_NO: N/A FS_HLM: 3.603 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: 09/11/2015					

Photo 1 of 3 : UCIP_FA_2015_3444.jpg



Communication line runs on south side of Plumas Arboga Road to JP approximately 400-feet West of levee crown.

LM Start	3.59	Rating **	M	Issue No.	5 (cont)
LM End	3.59	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_FA_2015_3445.jpg



Communication line runs on south side of Plumas Arboga Road to JP approximately 400-feet West of levee crown.

* 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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Interceptor Canal	Right	6.33	10/07/2015 10/08/2015	Pavel Kazi

LM Start	3.59	Rating **	M	Issue No.	5 (cont)
LM End	3.59	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.026347 °	39.026347 °
				-121.542343 °	-121.542343 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:46600 DS_ID:22686 EP_NO: N/A FS_HLM: 3.603 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_3446.jpg



Communication line at base of JP on WS slope.

* 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
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2015 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

Waterway		Bank	Unit Miles	
Unit No. 05 Interceptor Canal		Left	4.19	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	03/26/2015 - 03/26/2015		10/08/2015 - 10/08/2015	
DWR Inspector	Michael Pitta		Pavel Kazi	
Accompanied By	Patrick Meagher RD 784		Patrick Meagher RD 784	

Summer & Winter Inspections

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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 2015

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	10/08/2015 10/08/2015	Pavel Kazi

LM Start	Rating **	M	Issue No.	12
LM End	Issue Type +	En	Location *	WS
Category	Supplemental	GPS Latitude/Longitude		
		Start	End	
Item	DWR UCIP Field Study	39.019787 °	39.019787 °	
		-121.513386 °	-121.513386 °	
DWR ID				
Action/Comments				
Inspector Comments: FS_ID:46781 DS_ID:18593 EP_NO: N/A FS_HLM: 3.96 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 11-1-2015 - Waterside Flap Gate Uncovered. Photo sent to DWR Matt Hoffman on 3/3/2014. Fresh photo sent to DWR Pavel Kazi on 9/9/2015. Landside toe has never been able to be located. Requesting DWR inspector to change the status of this issue to "No Action Needed". (P.Meagher - RD784). Pipe buried on LS toe and flap gate is blocked by soil on WS toe. (W. Wylie - UCIP Inspector). 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: 10/09/2015				

Photo 1 of 3 : UCIP_FA_2015_3282.jpg



Flap gate buried in soil at outlet on WS toe.

Photo 2 of 3 : UCIP_FA_2015_3283.jpg



Outlet on WS toe .

LM Start	Rating **	M	Issue No.	12 (cont)
LM End	Issue Type +	En	Location *	WS

* 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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	10/08/2015 10/08/2015	Pavel Kazi

LM Start	Rating **	M	Issue No.	12 (cont)	
LM End	Issue Type +	En	Location *	WS	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.019787 °	39.019787 °	
			-121.513386 °	-121.513386 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:46781 DS_ID:18593 EP_NO: N/A FS_HLM: 3.96 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_6089.jpg



Enter photo 3 description or comment here.

LM Start	Rating **	M	Issue No.	13	
LM End	Issue Type +	En	Location *	WS	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.008994 °	39.008994 °	
			-121.535679 °	-121.535679 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:46780 DS_ID:18597 EP_NO: N/A FS_HLM: 2.468 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 11-1-2015 The concrete box weir structure on the landside inlet has slumped off the end of the pipe. DWR Chief inspector George Willie inspected the site on 8/13/2015 with Steve Fordice, General Manager of RD784. (P.Meagher - RD784) Heavy erosion around inlet headwall due to beaver activity. (W. Wylie - UCIP Inspector) 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). Modifications made to this crossing under permit No. 9230, 1974. FS Date: 09/11/2015					

Photo 1 of 3 : UCIP_FA_2015_3455.jpg



Erosion and debris from Beaver activity.

* 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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	10/08/2015 10/08/2015	Pavel Kazi

LM Start	Rating **	M	Issue No.	13 (cont)
LM End	Issue Type +	En	Location *	WS
Category	Supplemental	GPS Latitude/Longitude		
		Start	End	
Item	DWR UCIP Field Study	39.008994 °	39.008994 °	
		-121.535679 °	-121.535679 °	
DWR ID				
Action/Comments				
Inspector Comments: FS_ID:46780 DS_ID:18597 EP_NO: N/A FS_HLM: 2.468 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 11-1-2015 The concrete box weir structure on the landside inlet has slumped off the end of the pipe. DWR Chief inspector George Wilie inspected the site on 8/13/2015 with Steve Fordice, General Manager of RD784. (P.Meagher - RD784) Heavy erosion around inlet headwall due to beaver activity. (W. Wylie - UCIP Inspector) 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). Modifications made to this crossing under permit No. 9230, 1974. FS Date: 09/11/2015				

Photo 2 of 3 : UCIP_FA_2015_3456.jpg



Inlet on LS.

LM Start	Rating **	M	Issue No.	13 (cont)
LM End	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP_FA_2015_3457.jpg



Outlet on WS.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	10/08/2015 10/08/2015	Pavel Kazi

LM Start	0.84	Rating **	M	Issue No.	14
LM End	0.84	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.986432 °	38.986432 °
				-121.534983 °	-121.534983 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:46592 DS_ID:18591 EP_NO: N/A FS_HLM: 0.832 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 2 : UCIP_FA_2015_3447.jpg



Outlet with riprap on WS toe.

LM Start	0.84	Rating **	M	Issue No.	14 (cont)
LM End	0.84	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_FA_2015_3448.jpg



Concrete drop-inlet at LS toe.

* 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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	10/08/2015 10/08/2015	Pavel Kazi

LM Start	1.09	Rating **	M	Issue No.	10
LM End	1.72	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.989955 °	38.999068 °
				-121.535672 °	-121.537462 °
DWR ID	DWR_RD0784_05_s_2012_10				
Action/Comments					
Ditch					

Photo 1 of 1 : FA_2015_RD0784_182_10_20150911_00002.jpg



Ditch at L/S toe.

LM Start	1.86	Rating **	M	Issue No.	15
LM End	1.86	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.000975 °	39.000975 °
				-121.537779 °	-121.537779 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:46604 DS_ID:18588 EP_NO: N/A FS_HLM: 1.85 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: 09/11/2015					

Photo 1 of 3 : UCIP_FA_2015_3449.jpg



Concrete U-shaped outlet and flap-gate on WS toe.

* 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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	10/08/2015 10/08/2015	Pavel Kazi

LM Start	1.86	Rating **	M	Issue No.	15 (cont)
LM End	1.86	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.000975 °	39.000975 °
				-121.537779 °	-121.537779 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:46604 DS_ID:18588 EP_NO: N/A FS_HLM: 1.85 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: 09/11/2015					

Photo 2 of 3 : UCIP_FA_2015_3450.jpg



Debris covered inlet on LS toe.

LM Start	1.86	Rating **	M	Issue No.	15 (cont)
LM End	1.86	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP_FA_2015_3451.jpg



Drainage outlet on WS toe.

* 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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	10/08/2015 10/08/2015	Pavel Kazi

LM Start	2.04	Rating **	M	Issue No.	16
LM End	2.04	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.003643 °	39.003643 °
				-121.538292 °	-121.538292 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:46603 DS_ID:18587 EP_NO: N/A FS_HLM: 2.037 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP_FA_2015_3452.jpg



Inlet with PVC weir on LS toe.

LM Start	2.04	Rating **	M	Issue No.	16 (cont)
LM End	2.04	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_FA_2015_3453.jpg



Inlet with PVC weir on LS toe.

* 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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	10/08/2015 10/08/2015	Pavel Kazi

LM Start	2.04	Rating **	M	Issue No.	16 (cont)
LM End	2.04	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.003643 °	39.003643 °
				-121.538292 °	-121.538292 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:46603 DS_ID:18587 EP_NO: N/A FS_HLM: 2.037 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_3454.jpg



Concrete U-shaped outlet on WS toe.

LM Start	2.11	Rating **	M	Issue No.	9
LM End	3.07	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.004562 °	39.015593 °
				-121.538482 °	-121.528533 °
DWR ID	DWR_RD0784_05_s_2012_9				
Action/Comments					
Ditch					

No Photos

LM Start	2.48	Rating **	U	Issue No.	11
LM End	2.48	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.009074 °	39.009074 °
				-121.535617 °	-121.535617 °
DWR ID	DWR_RD0784_05_f_2015_11				
Action/Comments					
Pipe Inspector Comments: Pipe is appeared to be leaking and eroding on the landside of the levee.					

Photo 1 of 2 : FA_2015_RD0784_182_11_20151009_00004.jpg



View of the broken headwall on the landside of the levee.

* 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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	10/08/2015 10/08/2015	Pavel Kazi

LM Start	2.48	Rating **	U	Issue No.	11 (cont)
LM End	2.48	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.009074 °	39.009074 °	
			-121.535617 °	-121.535617 °	
DWR ID	DWR_RD0784_05_f_2015_11				
Action/Comments					
Pipe Inspector Comments: Pipe is appeared to be leaking and eroding on the landside of the levee.					

Photo 2 of 2 : FA_2015_RD0784_182_11_20151009_00006.jpg



View of the broken headwall and erosion on the landside toe of the levee looking upstream.

LM Start	2.51	Rating **	M	Issue No.	5
LM End	3.10	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.009463 °	39.015978 °	
			-121.535200 °	-121.528173 °	
DWR ID	DWR_RD0784_05_s_2013_5				
Action/Comments					
Fence					

Photo 1 of 1 : FA_2015_RD0784_182_5_20150911_00001.jpg



Fence at L/S levee toe.

* 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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	10/08/2015 10/08/2015	Pavel Kazi

LM Start	3.06	Rating **	M	Issue No.	17
LM End	3.06	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.015549 °	39.015549 °
				-121.528590 °	-121.528590 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:46601
 DS_ID:18596
 EP_NO: N/A
 FS_HLM: 3.062
 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: 09/11/2015

LM Start	3.06	Rating **	M	Issue No.	17 (cont)
LM End	3.06	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP_FA_2015_3475.jpg



Concrete U-shaped headwall and flap gate on WS toe.

Photo 2 of 3 : UCIP_FA_2015_3476.jpg



PVC weir on LS toe. Notice pipe debris from repair.

* 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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	10/08/2015 10/08/2015	Pavel Kazi

LM Start	3.06	Rating **	M	Issue No.	17 (cont)
LM End	3.06	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.015549 °	39.015549 °
				-121.528590 °	-121.528590 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:46601 DS_ID:18596 EP_NO: N/A FS_HLM: 3.062 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_3477.jpg



Concrete U-shaped headwall on WS toe.

LM Start	3.85	Rating **	A	Issue No.	6
LM End	3.85	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.019439 °	39.019439 °
				-121.515303 °	-121.515303 °
DWR ID	DWR_RD0784_05_f_2015_6				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Acceptable vegetation.					

Photo 1 of 1 : FA_2015_RD0784_182_6_20151009_00003.jpg



View of acceptable vegetation on the waterside of the levee looking downstream.

* 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
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2015 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

Waterway		Bank	Unit Miles	
Unit No. 06 South Dry Creek		Right	0.25	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	03/26/2015 - 03/26/2015		10/08/2015 - 10/08/2015	
DWR Inspector	Michael Pitta		Pavel Kazi	
Accompanied By	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.

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 2015

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 South Dry Creek	Right	0.25	10/08/2015 10/08/2015	Pavel Kazi

LM Start		Rating **	M	Issue No.	6
LM End		Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.985999 °	38.985999 °
				-121.509618 °	-121.509618 °
DWR ID					

Action/Comments
 Inspector Comments: FS_ID:46776
 DS_ID:18626
 EP_NO: N/A
 FS_HLM: 0.055
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: 10-30-2015 - Waterside flap gate was cleared in December 2014 and again in September 2015 No LMA access available on Landside (P. Meagher). Pipe partially blocked on LS and flap gate blocked on WS (W. Wylie-UCIP Inspector)
 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: 09/11/2015

Photo 1 of 3 : UCIP_FA_2015_3478.jpg



Flap gate blocked by vegetation at WS.

LM Start		Rating **	M	Issue No.	6 (cont)
LM End		Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_FA_2015_3479.jpg



Outlet at WS stream bank.

* 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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 South Dry Creek	Right	0.25	10/08/2015 10/08/2015	Pavel Kazi

LM Start	Rating **	M	Issue No.	6 (cont)	
LM End	Issue Type +	En	Location *	LS	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.985999 °	38.985999 °	
			-121.509618 °	-121.509618 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:46776 DS_ID:18626 EP_NO: N/A FS_HLM: 0.055 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_3480.jpg



INlet at LS toe.

LM Start	0.06	Rating **	A	Issue No.	5
LM End	0.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.986092 °	38.986092 °	
			-121.509490 °	-121.509490 °	
DWR ID	DWR_RD0784_06_f_2015_5				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Acceptable vegetation.					

Photo 1 of 1 : FA_2015_RD0784_183_5_20151009_00004.jpg



View of acceptable vegetation on the landside of the levee looking upstream.

* 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
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2015 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

Waterway		Bank	Unit Miles
Unit No. 07 Yuba River		Left	3.82

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	03/25/2015 - 03/25/2015		10/07/2015 - 10/07/2015	
DWR Inspector	Michael Pitta		Pavel Kazi	
Accompanied By	Patrick Meagher RD 784		Patrick Meagher RD 784	

Summer & Winter Inspections

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- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Yuba River	Left	3.82	10/07/2015 10/07/2015	Pavel Kazi

LM Start	0.68	Rating **	U	Issue No.	6
LM End	0.68	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.138326 °	39.138326 °
				-121.540655 °	-121.540655 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:46590 DS_ID:18612 EP_NO: 3446 FS_HLM: 0.694 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: 09/11/2015					

Photo 1 of 2 : UCIP_FA_2015_3433.jpg



Alignment of pipe is approximately in-line with the flag pole on LS building.

LM Start	0.68	Rating **	U	Issue No.	6 (cont)
LM End	0.68	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_FA_2015_3434.jpg



Paint alignment marks on pavement, LS toe.

* 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
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2015 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

Waterway		Bank	Unit Miles	
Unit No. 08 Three Rivers		Right	1.93	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	03/25/2015 - 03/25/2015		10/07/2015 - 10/07/2015	
DWR Inspector	Michael Pitta		Pavel Kazi	
Accompanied By	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

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Three Rivers	Right	1.93	10/07/2015 10/07/2015	Pavel Kazi

LM Start	0.22	Rating **	A	Issue No.	1
LM End	0.22	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.955539 °	38.955539 °	
			-121.570822 °	-121.570822 °	
DWR ID	DWR_RD0784_08_f_2015_1				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Acceptable vegetation.					

Photo 1 of 1 : FA_2015_RD0784_437_1_20151009_00001.jpg



View of the acceptable vegetation on the waterside of the levee.

* 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
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2015 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

Waterway		Bank	Unit Miles	
Unit No. 09 Feather River		Left	5.71	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	03/25/2015 - 03/25/2015		10/07/2015 - 10/07/2015	
DWR Inspector	Michael Pitta		Pavel Kazi	
Accompanied By	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 2015

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Feather River	Left	5.71	10/07/2015 10/07/2015	Pavel Kazi

LM Start	1.84	Rating **	A	Issue No.	1
LM End	1.84	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.064250 °	39.064250 °	
			-121.591797 °	-121.591797 °	
DWR ID	DWR_RD0784_09_f_2015_1				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: LMA repaired the animal hole.					

Photo 1 of 2 : FA_2015_RD0784_530_1_20151009_00005.jpg



LMA fixed the animal holes after the fall 2015 inspections.

LM Start	1.84	Rating **	A	Issue No.	1 (cont)
LM End	1.84	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA_2015_RD0784_530_1_20151009_00003.jpg



Rodent holes were found on the landside of the levee.

LM Start	1.89	Rating **	A	Issue No.	4
LM End	1.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.063566 °	39.063566 °	
			-121.592037 °	-121.592037 °	
DWR ID	DWR_RD0784_09_f_2015_4				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: LMA repaired the issue.					

Photo 1 of 2 : FA_2015_RD0784_530_4_20151009_00006.jpg



LMA repaired the issue after completion of the fall 2015 inspection.

* 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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Feather River	Left	5.71	10/07/2015 10/07/2015	Pavel Kazi

LM Start	1.89	Rating **	A	Issue No.	4 (cont)
LM End	1.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.063566 °	39.063566 °
				-121.592037 °	-121.592037 °
DWR ID	DWR_RD0784_09_f_2015_4				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: LMA repaired the issue.					

Photo 2 of 2 : FA_2015_RD0784_530_4_20151009_00004.jpg



An animal hole was found on the landside toe of the levee looking upstream.

LM Start	4.97	Rating **	M	Issue No.	5
LM End	4.97	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.020167 °	39.020167 °
				-121.583516 °	-121.583516 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:46591 DS_ID:23976 EP_NO: N/A FS_HLM: 0.75 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to determine Permit for crossing. FIELD_STRUCT_DESC: 24-inch storm drain discharge pipe through the levee at unknown depth below the crown. Pumping plant on Landward toe. Pump Station No. 3. Paddle markers on both WS toe and LS toe at pumping plant fence. FS Date: 09/11/2015					

Photo 1 of 2 : UCIP_FA_2015_1427.jpg



Paddle marker on LS toe at pumping plant fence.

* 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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Feather River	Left	5.71	10/07/2015 10/07/2015	Pavel Kazi

LM Start	4.97	Rating **	M	Issue No.	5 (cont)
LM End	4.97	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
			Start	End	
Item	DWR UCIP Field Study			39.020167 °	39.020167 °
DWR ID				-121.583516 °	-121.583516 °
Action/Comments					
Inspector Comments: FS_ID:46591 DS_ID:23976 EP_NO: N/A FS_HLM: 0.75 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to determine Permit for crossing. FIELD_STRUCT_DESC: 24-inch storm drain discharge pipe through the levee at unknown depth below the crown. Pumping plant on Landward toe. Pump Station No. 3. Paddle markers on both WS toe and LS toe at pumping plant fence. FS Date: 09/11/2015					

Photo 2 of 2 : UCIP_FA_2015_1428.jpg



Paddle marker on WS toe.

LM Start	5.63	Rating **	M	Issue No.	6
LM End	5.63	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
			Start	End	
Item	DWR UCIP Field Study			39.011146 °	39.011146 °
DWR ID				-121.579794 °	-121.579794 °
Action/Comments					
Inspector Comments: FS_ID:46586 DS_ID:23996 EP_NO: N/A FS_HLM: 0.085 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine Permit for Crossing. FIELD_STRUCT_DESC: 2-Christy boxes. One on either side of crown. Likely an electrical or other small conduit crossing. FS Date: 09/11/2015					

Photo 1 of 2 : UCIP_FA_2015_1425.jpg



Christy box on LS shoulder.

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

