

**Flood Control Project Maintenance
Levee Inspections**

Fall 2013 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

NA0015	Overall LMA Rating	Total LMA Miles						
Plumas County	U	3.22						
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	1.20		1.20	37.27%				
Encroachments					0.01			
Slope Stability	0.06		0.06	1.86%				
<i>LMA Totals:</i>	1.26	0.00	1.26	39.13%	0.01	0.00	0.00	0.00

Unit No. 01 North Fork Feather River LB	Overall Unit Rating	Total Unit Miles						
NA0015	A	1.89						
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					0.01			
Slope Stability	0.02		0.02	1.06%				
<i>Unit Totals:</i>	0.02	0.00	0.02	1.06%	0.01	0.00	0.00	0.00

Unit No. 02 North Fork Feather River RB	Overall Unit Rating	Total Unit Miles						
NA0015	U	1.33						
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>Earthen Levee</i>								
Vegetation	1.20		1.20	90.23%				
Slope Stability	0.04		0.04	3.01%				
<i>Unit Totals:</i>	1.24	0.00	1.24	93.23%	0.00	0.00	0.00	0.00

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

Plumas County

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

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*

SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections
Unit Cover Sheet
Fall 2013 Levee Inspection Results
Plumas County**

Waterway			Bank	Unit Miles
Unit No. 01 North Fork Feather River			Left	1.89
	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		10/16/2013 - 10/16/2013	
DWR Inspector	Bob Duffey		Bob Duffey	
Accompanied By	Jay Pettigrew Plumas County		Jay Pettigrew Plumas County	

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

Plumas County

Waterway					Bank	Unit Miles	Inspection Start/End		Inspector
Unit No. 01 North Fork Feather River					Left	1.89	10/16/2013 10/16/2013		Bob Duffey

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1			Earthen Levee	Operations & Maintenance Manuals	LS	A Ma		°	°	1
DWR ID: DWR_NA0015_01_s_2013_1										
2			Earthen Levee	Emergency Supplies & Equipment	LS	A Ma		°	°	2
DWR ID: DWR_NA0015_01_s_2013_2										
3			Earthen Levee	Flood Preparedness & Training	LS	A Ma		°	°	3
DWR ID: DWR_NA0015_01_s_2013_3										
4	0.55	0.55	Earthen Levee	Slope Stability	WS	M Ma	S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.	40.279790 ° 40.279790 °	121.249850 ° 121.249850 °	9 Y
DWR ID: DWR_NA0015_01_s_2012_9										
5	0.68	0.68	Earthen Levee	Encroachments	LS	M En	PR : Prunings	40.281480 ° -121.250928 °	40.281480 ° -121.250928 °	4 Y
DWR ID: DWR_NA0015_01_s_2013_4										
6	0.97	0.97	Earthen Levee	Slope Stability	WS	M Ma	S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.	40.285363 ° -121.251973 °	40.285363 ° -121.251973 °	5 Y
DWR ID: DWR_NA0015_01_f_2013_5										
7	1.27	1.43	Earthen Levee	Slope Stability	LS	C Ma	S1 : Repair slope instability.	40.288780 ° 40.290840 °	121.254280 ° 121.255440 °	11
DWR ID: DWR_NA0015_01_s_2012_11										

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Plumas County

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Fork Feather River	Left	1.89	10/16/2013 10/16/2013	Bob Duffey

Levee Mile Report Line	4
Start Levee Mile	0.55
End Levee Mile	0.55
Location	Water Side
Category	Earthen Levee
Item	Slope Stability

View of the vehicle erosion along the W/S toe.

rduffey_f_20130919_994.jpg



Levee Mile Report Line	5
Start Levee Mile	0.68
End Levee Mile	0.68
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the prunings along the landside slope.

rduffey_f_20130919_993.JPG



Levee Mile Report Line	6
Start Levee Mile	0.97
End Levee Mile	0.97
Location	Water Side
Category	Earthen Levee
Item	Slope Stability

View of the vehicle erosion along the slope of the levee.

rduffey_f_20131021_107.JPG



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**Flood Control Project Maintenance
Levee Inspections
Unit Cover Sheet
Fall 2013 Levee Inspection Results
Plumas County**

Waterway			Bank	Unit Miles
Unit No. 02 North Fork Feather River			Right	1.33
	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		10/16/2013 - 10/16/2013	
DWR Inspector	Bob Duffey		Bob Duffey	
Accompanied By	Jay Pettigrew Plumas County		Jay Pettigrew Plumas County	

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Levee Inspection Report By Mile - Fall 2013

Plumas County

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 02 North Fork Feather River				Right	1.33	10/16/2013 10/16/2013	Bob Duffey	

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.02	0.62	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Mow or remove the pine trees from the slope.	40.286415 ° -121.259613 °	40.281054 ° -121.252789 °	2 Y
DWR ID: DWR_NA0015_02_f_2012_2										
2	0.02	0.62	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Mow or remove the pine trees from the slope.	40.286415 ° -121.259613 °	40.281053 ° -121.252792 °	1 Y
DWR ID: DWR_NA0015_02_f_2012_1										
3	0.44	0.44	Earthen Levee	Slope Stability	WS	M Ma	S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.	40.283059 ° -121.253989 °	40.283059 ° -121.253989 °	6 Y
DWR ID: DWR_NA0015_02_f_2013_6										
4	0.46	0.46	Earthen Levee	Slope Stability	WS	M Ma	S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.	40.282980 ° 40.282980 °	121.253990 ° 121.253990 °	3 Y
DWR ID: DWR_NA0015_02_s_2012_3										
5	0.55	0.55	Earthen Levee	Slope Stability	LS	M Ma	S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.	40.281950 ° 40.281950 °	121.253710 ° 121.253710 °	4 Y
DWR ID: DWR_NA0015_02_s_2012_4										
6	0.55	0.55	Earthen Levee	Slope Stability	WS	M Ma	S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.	40.281950 ° 40.281950 °	121.253710 ° 121.253710 °	5 Y
DWR ID: DWR_NA0015_02_s_2012_5										

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Levee Inspection Report By Mile - Fall 2013

Plumas County

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 North Fork Feather River	Right	1.33	10/16/2013 10/16/2013	Bob Duffey

Levee Mile Report Line	1
Start Levee Mile	0.02
End Levee Mile	0.62
Location	Water Side
Category	Earthen Levee
Item	Vegetation
View of the small pine trees that need to be removed from the waterside slopes.	
rduffey_f_20130919_997.JPG	



Levee Mile Report Line	2
Start Levee Mile	0.02
End Levee Mile	0.62
Location	Land Side
Category	Earthen Levee
Item	Vegetation
View of the small pine trees that need to be removed from the landside slope.	
rduffey_f_20130919_996.JPG	



Levee Mile Report Line	3
Start Levee Mile	0.44
End Levee Mile	0.44
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
View of the vehicle erosion along the slope of the levee.	
rduffey_f_20131021_106.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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 North Fork Feather River	Right	1.33	10/16/2013 10/16/2013	Bob Duffey

Levee Mile Report Line	4
Start Levee Mile	0.46
End Levee Mile	0.46
Location	Water Side
Category	Earthen Levee
Item	Slope Stability

View of the vehicle erosion along the W/S slope.

rduffey_f_20130919_998.jpg



Levee Mile Report Line	5
Start Levee Mile	0.55
End Levee Mile	0.55
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

View of the vehicle erosion along the L/S slope.

rduffey_f_20130919_999.jpg



Levee Mile Report Line	6
Start Levee Mile	0.55
End Levee Mile	0.55
Location	Water Side
Category	Earthen Levee
Item	Slope Stability

View of the vehicle erosion along the W/S slope.

rduffey_f_20130919_000.jpg



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