

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2016 Levee Inspection Results

Plumas County

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

** 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
Spring 2016 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)			
Date of Inspection	4/27/2016 - 4/27/2016		
DWR Inspector	Keith Millard		
Accompanied By	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 - Spring 2016

Plumas County

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Fork Feather River	Left	1.89	04/27/2016 04/27/2016	Keith Millard

LM Start		Rating **	A	Issue No.	1
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			o	o
DWR ID	DWR_NA0015_01_s_2013_1				
Comment Code					
Inspector Comment					
The LMA has O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	2
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			o	o
DWR ID	DWR_NA0015_01_s_2013_2				
Comment Code					
Inspector Comment					
The LMA has flood fight supplies and equipment.					

No Photos

LM Start		Rating **	A	Issue No.	3
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			o	o
DWR ID	DWR_NA0015_01_s_2013_3				
Comment Code					
Inspector Comment					
The LMA has completed flood flight training in the past.					

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 - Spring 2016

Plumas County

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Fork Feather River	Left	1.89	04/27/2016 04/27/2016	Keith Millard

LM Start	0.00	Rating **	M	Issue No.	11
LM End	1.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		40.273168 °	40.297283 °	
			-121.244783 °	-121.257025 °	
DWR ID	DWR_NA0015_01_f_2015_11				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the small pine trees and other vegetation from the levee slope.					

Photo 1 of 1 : SP_2016_NA0015_337_11_20160316_00008.jpg



Remove the small pine trees and other vegetation from the levee slope.

LM Start	0.00	Rating **	M	Issue No.	12
LM End	1.89	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		40.273168 °	40.297283 °	
			-121.244783 °	-121.257025 °	
DWR ID	DWR_NA0015_01_f_2015_12				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove all small pine trees and other vegetation from the levee slope.					

Photo 1 of 1 : SP_2016_NA0015_337_12_20160316_00009.jpg



View of the small pine trees and other vegetation on the slope.

LM Start	0.55	Rating **	M	Issue No.	9
LM End	0.55	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		40.279790 °	121.249850 °	
			40.279790 °	121.249850 °	
DWR ID	DWR_NA0015_01_s_2012_9				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0015_337_9_20160316_00007.jpg



View of the vehicle erosion along the waterside 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 - Spring 2016

Plumas County

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Fork Feather River	Left	1.89	04/27/2016 04/27/2016	Keith Millard

LM Start	0.68	Rating **	M	Issue No.	4
LM End	0.68	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		40.281480 °	40.281480 °	
			-121.250928 °	-121.250928 °	
DWR ID	DWR_NA0015_01_s_2013_4				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0015_337_4_20160316_00001.jpg



View of the prunings along the landside slope.

LM Start	0.77	Rating **	M	Issue No.	13
LM End	0.77	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		40.282683 °	40.282683 °	
			-121.251453 °	-121.251453 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:42643 DS_ID:23039 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine additional information about crossing. Need depth of conduit and permit issued. FIELD_STRUCT_DESC: Underground telephone cable through the levee and across the channel. Elevation unknown. FS Date: 11/4/2014					

Photo 1 of 2 : UCIP_SP_2016_42643_72981.jpg



View of conduit pole located on landward side. Photo taken from right bank.

* 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 - Spring 2016

Plumas County

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Fork Feather River	Left	1.89	04/27/2016 04/27/2016	Keith Millard

LM Start	0.77	Rating **	M	Issue No.	13 (cont)
LM End	0.77	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			40.282683 °	40.282683 °
				-121.251453 °	-121.251453 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:42643 DS_ID:23039 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine additional information about crossing. Need depth of conduit and permit issued. FIELD_STRUCT_DESC: Underground telephone cable through the levee and across the channel. Elevation unknown. FS Date: 11/4/2014					

Photo 2 of 2 : UCIP_SP_2016_42643_72980.jpg



View of landward slope.

LM Start	0.80	Rating **	M	Issue No.	6
LM End	0.80	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			40.283163 °	40.283163 °
				-121.251293 °	-121.251293 °
DWR ID	DWR_NA0015_01_f_2014_6				
Comment Code					
TR : Tree or limb					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0015_337_6_20160316_00003.jpg



View of the tree limb along the landside 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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Levee Inspection Report By Mile - Spring 2016

Plumas County

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Fork Feather River	Left	1.89	04/27/2016 04/27/2016	Keith Millard

LM Start	0.96	Rating **	A/W	Issue No.	5
LM End	0.96	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		40.285363 °	40.285363 °	
			-121.251973 °	-121.251973 °	
DWR ID	DWR_NA0015_01_f_2013_5				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0015_337_5_20160316_00002.jpg



View of the vehicle erosion along the waterside slope.

LM Start	1.41	Rating **	U	Issue No.	7
LM End	1.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		40.290758 °	40.291987 °	
			-121.255402 °	-121.256072 °	
DWR ID	DWR_NA0015_01_f_2014_7				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
The landowner needs to replace the material that has been removed from the toe of the levee.					

Photo 1 of 2 : SP_2016_NA0015_337_7_20160316_00004.jpg



View of the area where the contractor has removed the material from toe of the levee.

LM Start	1.41	Rating **	U	Issue No.	7 (cont)
LM End	1.50	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2016_NA0015_337_7_20160316_00005.jpg



View of the area where the contractor has removed the material from toe of the 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**

Levee Inspection Report By Mile - Spring 2016

Plumas County

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Fork Feather River	Left	1.89	04/27/2016 04/27/2016	Keith Millard

LM Start	1.86	Rating **	M	Issue No.	8
LM End	1.86	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		40.296910 °	40.296910 °	
			-121.257280 °	-121.257280 °	
DWR ID	DWR_NA0015_01_f_2014_8				
Comment Code					
TR : Tree or limb					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0015_337_8_20160316_00006.jpg



Remove the tree stumps from the slope 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

Spring 2016 Levee Inspection Results

Plumas County

Waterway		Bank	Unit Miles	
Unit No. 02 North Fork Feather River		Right	1.36	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/27/2016 - 4/27/2016			
DWR Inspector	Keith Millard			
Accompanied By	Jay Pettigrew Plumas County			

Summer & Winter Inspections

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- a) completion of the inspection
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Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Plumas County

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 North Fork Feather River	Right	1.36	04/27/2016 04/27/2016	Keith Millard

LM Start	0.03	Rating **	M	Issue No.	1
LM End	1.36	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			40.286415 °	40.271743 °
				-121.259613 °	-121.246805 °
DWR ID	DWR_NA0015_02_f_2012_1				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Mow or remove the pine trees and other vegetation from the slope.					

Photo 1 of 2 : SP_2016_NA0015_338_1_20160316_00001.jpg



View of the small pine trees growing on the landside slope.

LM Start	0.03	Rating **	M	Issue No.	1 (cont)
LM End	1.36	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2016_NA0015_338_1_20160316_00002.jpg



View of the small pine trees and other vegetation growing on the slope.

LM Start	0.03	Rating **	M	Issue No.	2
LM End	1.36	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			40.286415 °	40.271743 °
				-121.259613 °	-121.246805 °
DWR ID	DWR_NA0015_02_f_2012_2				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Mow or remove the pine trees and other vegetation from the slope.					

Photo 1 of 2 : SP_2016_NA0015_338_2_20160316_00003.jpg



View of the small pine trees growing on the waterside 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**

Levee Inspection Report By Mile - Spring 2016

Plumas County

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 North Fork Feather River	Right	1.36	04/27/2016 04/27/2016	Keith Millard

LM Start	0.03	Rating **	M	Issue No.	2 (cont)
LM End	1.36	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		40.286415 °	40.271743 °	
			-121.259613 °	-121.246805 °	
DWR ID	DWR_NA0015_02_f_2012_2				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Mow or remove the pine trees and other vegetation from the slope.					

Photo 2 of 2 : SP_2016_NA0015_338_2_20160316_00004.jpg



View of the small pine trees and other vegetation growing on the slope.

LM Start	0.31	Rating **	M	Issue No.	9
LM End	0.31	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		40.284993 °	40.284993 °	
			-121.255133 °	-121.255133 °	
DWR ID	DWR_NA0015_02_s_2015_9				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the pine tree from the landside slope.					

Photo 1 of 1 : SP_2016_NA0015_338_9_20160316_00009.jpg



View of the pine tree that has fallen onto the landside slope.

LM Start	0.46	Rating **	M	Issue No.	6
LM End	0.46	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		40.283059 °	40.283059 °	
			-121.253989 °	-121.253989 °	
DWR ID	DWR_NA0015_02_f_2013_6				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 2 : SP_2016_NA0015_338_6_20160316_00007.jpg



View of the vehicle erosion on the landside slope.

* 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 - Spring 2016

Plumas County

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 North Fork Feather River	Right	1.36	04/27/2016 04/27/2016	Keith Millard

LM Start	0.46	Rating **	M	Issue No.	6 (cont)
LM End	0.46	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		40.283059 °	40.283059 °	
			-121.253989 °	-121.253989 °	
DWR ID	DWR_NA0015_02_f_2013_6				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 2 of 2 : SP_2016_NA0015_338_6_20160316_00008.jpg



View of the vehicle erosion on the waterside slope.

LM Start	0.55	Rating **	M	Issue No.	4
LM End	0.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		40.281950 °	121.253710 °	
			40.281950 °	121.253710 °	
DWR ID	DWR_NA0015_02_s_2012_4				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0015_338_4_20160316_00005.jpg



View of the slope instability cause by vehicle along the landside slope.

LM Start	0.55	Rating **	M	Issue No.	5
LM End	0.55	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		40.281950 °	121.253710 °	
			40.281950 °	121.253710 °	
DWR ID	DWR_NA0015_02_s_2012_5				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0015_338_5_20160316_00006.jpg



View of the vehicle erosion on the waterside 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**

Levee Inspection Report By Mile - Spring 2016

Plumas County

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 North Fork Feather River	Right	1.36	04/27/2016 04/27/2016	Keith Millard

LM Start	0.66	Rating **	M	Issue No.	10
LM End	0.66	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			40.280737 °	40.280737 °
				-121.252512 °	-121.252512 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:42644 DS_ID:23040 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine additional information about crossing. Need depth of conduit and permit issued. FIELD_STRUCT_DESC: Underground telephone cable through the levee and across the channel. Elevation unknown. FS Date: 11/4/2014					

Photo 1 of 2 : UCIP_SP_2016_42644_72984.jpg



View of landward side conduit pole located at landward toe. Photo taken from the left bank.

LM Start	0.66	Rating **	M	Issue No.	10 (cont)
LM End	0.66	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_SP_2016_42644_72983.jpg



View of waterward side.

* 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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