

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2019 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			A	3.25					
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee									
Slope Stability	0.01		0.01	0.31%					
Supplemental									
DRAFT DWR UCIP Field Study					0.02				
LMA Totals:	0.01	0.00	0.01	0.31%	0.02	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	
Supplemental									
DRAFT DWR UCIP Field Study					0.01				
Unit Totals:	0.00	0.00	0.00	0.00%	0.01	0.00	0.00	0.00	
Unit No. 02 North Fork Feather River RB	Overall Unit Rating	Total Unit Miles							
NA0015	A	1.36							
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee									
Slope Stability	0.01		0.01	0.74%					
Supplemental									
DRAFT DWR UCIP Field Study					0.01				
Unit Totals:	0.01	0.00	0.01	0.74%	0.01	0.00	0.00	0.00	



**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Fall 2019 Levee Inspection Results**

**Plumas County**

	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 2019 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	5/22/2019 - 5/22/2019		10/21/2019 - 10/21/2019	
DWR Inspector	Sterling York		Sterling York	
Accompanied By	Russell Furtado Plumas County Road Department		Russell Furtado Plumas County Road Department	

**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 2019**

**Plumas County**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Fork Feather River	Left	1.89	10/21/2019 10/21/2019	Sterling York

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			°	°
DWR ID	DWR_NA0015_01_s_2013_1				
Comment Code					
Inspector Comment					
The LMA has O&M manuals in their office.					

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			°	°
DWR ID	DWR_NA0015_01_s_2013_2				
Comment Code					
Inspector Comment					
The LMA has flood fight supplies and equipment at their yard.					

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			°	°
DWR ID	DWR_NA0015_01_s_2013_3				
Comment Code					
Inspector Comment					
The LMA has completed flood flight training, Winter 2019.					

No Photos

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

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

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



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Plumas County**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Fork Feather River	Left	1.89	10/21/2019 10/21/2019	Sterling York

LM Start	0.00	Rating **	A	Issue No.	5
LM End	1.86	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			40.273190 °	40.296893 °
				-121.244775 °	-121.257239 °
DWR ID	DWR_NA0015_01_f_2019_5				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Fall 2019.					

Photo 1 of 1 : FA\_2019\_NA0015\_337\_5\_20191029\_00007.jpg



View looking upstream landside of the well maintained annual vegetation, Fall 2019.

LM Start	0.00	Rating **	A	Issue No.	6
LM End	1.86	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			40.273190 °	40.296896 °
				-121.244775 °	-121.257236 °
DWR ID	DWR_NA0015_01_f_2019_6				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Fall 2019.					

Photo 1 of 1 : FA\_2019\_NA0015\_337\_6\_20191029\_00008.jpg



View looking upstream waterside of the well maintained annual vegetation, Fall 2019.

LM Start	0.54	Rating **	A/W	Issue No.	8
LM End	0.54	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.279775 °	40.279775 °
				-121.249648 °	-121.249648 °
DWR ID	DWR_NA0015_01_f_2018_8				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
The vehicle erosion on the waterside slope is not a threat to the levee slope but should be monitored, Fall 2019.					

Photo 1 of 1 : FA\_2019\_NA0015\_337\_8\_20190904\_00001.jpg



View of vehicle erosion on the waterside slope, Spring 2019

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

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

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



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Plumas County**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Fork Feather River	Left	1.89	10/21/2019 10/21/2019	Sterling York

LM Start	0.77	Rating **	M	Issue No.	20
LM End	0.77	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			40.282683 °	40.282683 °
				-121.251453 °	-121.251453 °
DWR ID	23039				
Comment Code					
Inspector Comment					
DS_ID:23039					
FS_ID:42643					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: 11/04/2014 Need to contact owner to determine additional information about crossing. Need depth of conduit and permit issued. (DWR UCIP - O. Magana)					
FIELD_STRUCT_DESC: Telephone cable of an unknown size or material through the levee and across the channel, at an unknown depth. [Additional Reference(s): DWR Levee Log, 2005].					
FS Date: 11/4/2014					

Photo 1 of 3 : UCIP\_FA\_2019\_42643\_72981.jpg



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

LM Start	<b>0.77</b>	Rating **	M	Issue No.	<b>20 (cont)</b>
LM End	<b>0.77</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2019\_42643\_72980.jpg



View of landward slope.

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



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Plumas County**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Fork Feather River	Left	1.89	10/21/2019 10/21/2019	Sterling York

LM Start	0.77	Rating **	M	Issue No.	20 (cont)	
LM End	0.77	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			40.282683°	40.282683°	
				-121.251453°	-121.251453°	
DWR ID	23039					
Comment Code						
Inspector Comment						
DS_ID:23039						
FS_ID:42643						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: 11/04/2014 Need to contact owner to determine additional information about crossing. Need depth of conduit and permit issued. (DWR UCIP - O. Magana)						
FIELD_STRUCT_DESC: Telephone cable of an unknown size or material through the levee and across the channel, at an unknown depth. [Additional Reference(s): DWR Levee Log, 2005].						
FS Date: 11/4/2014						

Photo 3 of 3 : UCIP\_FA\_2019\_42643\_72982.jpg



View of levee, ramp, and posts visible between trees.

LM Start	1.17	Rating **	C	Issue No.	16
LM End	1.17	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			40.287722°	40.287722°
				-121.253510°	-121.253510°
DWR ID	DWR_NA0015_01_s_2017_16				
Comment Code					
TR : Tree or limb					
Inspector Comment					
The tree has been removed from the landside slope and toe, Fall 2019.					

No Photos

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



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Plumas County**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Fork Feather River	Left	1.89	10/21/2019 10/21/2019	Sterling York

LM Start	1.24	Rating **	C	Issue No.	18
LM End	1.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			40.288744 °	40.297068 °
				-121.254147 °	-121.257120 °
DWR ID	DWR_NA0015_01_s _ 2018_18				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
The small pine trees and vegetation have been mowed on the landside slope, Fall 2019.					

No Photos

LM Start	1.79	Rating **	C	Issue No.	19
LM End	1.88	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			40.295921 °	40.297068 °
				-121.257519 °	-121.257120 °
DWR ID	DWR_NA0015_01_s _ 2018_19				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
The small pine trees and vegetation have been mowed on the waterside slope, Fall 2019.					

No Photos

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



**Flood Control Project Maintenance  
Levee Inspections  
Unit Cover Sheet  
Fall 2019 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)			<b>A</b>	
Date of Inspection	5/22/2019 - 5/22/2019		10/21/2019 - 10/21/2019	
DWR Inspector	Sterling York		Sterling York	
Accompanied By	Russell Furtado Plumas County Road Department		Russell Furtado Plumas County Road Department	

**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 2019**

**Plumas County**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 North Fork Feather River	Right	1.36	10/21/2019 10/21/2019	Sterling York

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 °	40.281950 °
				-121.253710 °	-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					
There is no sign of slope instability but should be monitored for the next year. The access has been blocked, Fall 2019.					

Photo 1 of 1 : FA\_2019\_NA0015\_338\_4\_20191029\_00010.jpg



View of the undesignated vehicle access along the landside slope, there is no sign of slope instability but should be monitored for the next year, Fall 2019.

LM Start	0.55	Rating **	A/W	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 °	40.281950 °
				-121.253710 °	-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					
There is no sign of slope instability but should be monitored for the next year. The access has been blocked, Fall 2019.					

Photo 1 of 1 : FA\_2019\_NA0015\_338\_5\_20191029\_00009.jpg



View of the undesignated vehicle access along the waterside slope, there is no sign of slope instability but should be monitored for the next year, Fall 2019.

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



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Plumas County**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 North Fork Feather River	Right	1.36	10/21/2019 10/21/2019	Sterling York

LM Start	0.66	Rating **	M	Issue No.	6	
LM End	0.66	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			40.280737°	40.280737°	
				-121.252512°	-121.252512°	
DWR ID	23040					
Comment Code						
Inspector Comment						
DS_ID:23040						
FS_ID:42644						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: 11/04/2014 Need to contact owner to determine additional information about crossing. Need depth of conduit and permit issued. (DWR UCIP - O. Magana)						
FIELD_STRUCT_DESC: Telephone cable of an unknown size or material through the levee and across the channel, at an unknown depth. [Additional Reference(s): DWR Levee Log, 2005].						
FS Date: 11/4/2014						

LM Start	<b>0.66</b>	Rating **	M	Issue No.	<b>6 (cont)</b>
LM End	<b>0.66</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2019\_42644\_72984.jpg



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

Photo 2 of 3 : UCIP\_FA\_2019\_42644\_72983.jpg



View of waterward side.

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



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Plumas County**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 North Fork Feather River	Right	1.36	10/21/2019 10/21/2019	Sterling York

LM Start	0.66	Rating **	M	Issue No.	6 (cont)	
LM End	0.66	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			40.280737°	40.280737°	
				-121.252512°	-121.252512°	
DWR ID	23040					
Comment Code						
Inspector Comment						
DS_ID:23040 FS_ID:42644 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 11/04/2014 Need to contact owner to determine additional information about crossing. Need depth of conduit and permit issued. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: Telephone cable of an unknown size or material through the levee and across the channel, at an unknown depth. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 11/4/2014						

Photo 3 of 3 : UCIP\_FA\_2019\_42644\_72985.jpg



View of opposite bank.

LM Start	0.98	Rating **	C	Issue No.	2
LM End	1.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			40.276392°	40.272219°
				-121.250420°	-121.247152°
DWR ID	DWR_NA0015_02_f_2017_2				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the small pine trees and vegetation from the landside slope.					

No Photos

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