

## Flood Control Project Maintenance Levee Inspections

### Fall 2021 Levee Maintenance Deficiency Summary Report

#### Sacramento River Basin

<b>NA0015</b>	Overall LMA Rating	Total LMA Miles						
<b>Plumas County</b>	<b>A</b>	<b>3.25</b>						
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>								
Slope Stability	0.02		0.02	0.62%				
<i>Supplemental</i>								
DWR UCIP Field Study					0.02			
<i>LMA Totals:</i>	0.02	0.00	0.02	0.62%	0.02	0.00	0.00	0.00
<b>Unit No. 01 North Fork Feather River LB</b>	Overall Unit Rating	Total Unit Miles						
<b>NA0015</b>	<b>A</b>	<b>1.89</b>						
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
<b>Unit No. 02 North Fork Feather River RB</b>	Overall Unit Rating	Total Unit Miles						
<b>NA0015</b>	<b>A</b>	<b>1.36</b>						
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>								
Slope Stability	0.02		0.02	1.47%				
<i>Supplemental</i>								
DWR UCIP Field Study					0.01			
<i>Unit Totals:</i>	0.02	0.00	0.02	1.47%	0.01	0.00	0.00	0.00

## Flood Control Project Maintenance Levee Inspections LMA District Cover Sheet

# 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**

**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	5/11/2021 - 5/11/2021		9/10/2021 - 9/10/2021	
DWR Inspector	Brooks Weisser		Brooks Weisser	
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 2021**

**Plumas County**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Fork Feather River	Left	1.89	09/10/2021 09/10/2021	Brooks Weisser

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

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> 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 2021**

**Plumas County**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Fork Feather River	Left	1.89	09/10/2021 09/10/2021	Brooks Weisser

LM Start	0.01	Rating **	A	Issue No.	5
LM End	1.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			40.273291 °	40.296129 °
				-121.244810 °	-121.257436 °
DWR ID	DWR_NA0015_01_f_2021_5				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation is well maintained, Fall 2021.					

Photo 1 of 1 : FA\_2021\_NA0015\_337\_5\_20210921\_00005.jpg



View of annual vegetation on the landside slope, Fall 2021.

LM Start	0.01	Rating **	A	Issue No.	6
LM End	1.81	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			40.273295 °	40.296135 °
				-121.244802 °	-121.257443 °
DWR ID	DWR_NA0015_01_f_2021_6				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation is well maintained, Fall 2021.					

Photo 1 of 1 : FA\_2021\_NA0015\_337\_6\_20210921\_00006.jpg



View of annual vegetation on the waterside slope, Fall 2021.

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 2021.					

Photo 1 of 1 : FA\_2021\_NA0015\_337\_8\_20210921\_00007.jpg



View of vehicle erosion on the waterside slope, Fall 2021.

<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	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Plumas County**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Fork Feather River	Left	1.89	09/10/2021 09/10/2021	Brooks Weisser

LM Start	0.77	Rating **	M	Issue No.	9	
LM End	0.77	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	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 EVAL Issue: 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>0.77</b>	Rating **	M	Issue No.	<b>9 (cont)</b>
LM End	<b>0.77</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_42643\_72981.jpg



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

Photo 2 of 3 : UCIP\_FA\_2021\_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
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Plumas County**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Fork Feather River	Left	1.89	09/10/2021 09/10/2021	Brooks Weisser

LM Start	<b>0.77</b>	Rating **	M	Issue No.	<b>9 (cont)</b>
LM End	<b>0.77</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			40.282683 °	40.282683 °
				-121.251453 °	-121.251453 °
DWR ID	23039				

Photo 3 of 3 : UCIP\_FA\_2021\_42643\_72982.jpg



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

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

**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	5/11/2021 - 5/11/2021		9/10/2021 - 9/10/2021	
DWR Inspector	Brooks Weisser		Brooks Weisser	
Accompanied By	Russell Furtado Plumas County Road Department		Russell Furtado Plumas County Road Department	

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Plumas County**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 North Fork Feather River	Right	1.36	09/10/2021 09/10/2021	Brooks Weisser

LM Start	0.03	Rating **	A	Issue No.	3
LM End	1.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			40.286426 °	40.272128 °
				-121.259596 °	-121.247093 °
DWR ID	DWR_NA0015_02_f_2021_3				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation is well maintained, Fall 2021.					

Photo 1 of 1 : FA\_2021\_NA0015\_338\_3\_20210921\_00004.jpg



View of annual vegetation on the landside slope, Fall 2021.

LM Start	0.03	Rating **	A	Issue No.	2
LM End	1.33	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			40.286425 °	40.272127 °
				-121.259593 °	-121.247092 °
DWR ID	DWR_NA0015_02_f_2021_2				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation is well maintained, Fall 2021.					

Photo 1 of 1 : FA\_2021\_NA0015\_338\_2\_20210921\_00005.jpg



View of annual vegetation on the waterside slope, Fall 2021.

LM Start	0.54	Rating **	M	Issue No.	4
LM End	0.54	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.281959 °	40.281959 °
				-121.253714 °	-121.253714 °
DWR ID	DWR_NA0015_02_f_2021_4				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Unauthorized vehicle access is causing rutting on the levee slope, the control log placed by the LMA burned out due to the Dixie Fire and should be replaced. Fall 2021.					

Photo 1 of 1 : FA\_2021\_NA0015\_338\_4\_20210921\_00006.jpg



View of rutting on the landside slope caused by unauthorized vehicle access, Fall 2021.

<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	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Plumas County**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 North Fork Feather River	Right	1.36	09/10/2021 09/10/2021	Brooks Weisser

LM Start	0.54	Rating **	M	Issue No.	5
LM End	0.54	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.281954 °	40.281954 °
				-121.253695 °	-121.253695 °
DWR ID	DWR_NA0015_02_f_2021_5				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Unauthorized vehicle access is causing rutting on the levee slope, the control log placed by the LMA burned out due to the Dixie Fire and should be replaced, Fall 2021.					

Photo 1 of 1 : FA\_2021\_NA0015\_338\_5\_20210921\_00007.jpg



View of rutting caused by unauthorized vehicle access on the waterside slope, Fall 2021.

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	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 EVAL Issue: 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\_2021\_42644\_72984.jpg



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

<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	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Plumas County**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 North Fork Feather River	Right	1.36	09/10/2021 09/10/2021	Brooks Weisser

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	DWR UCIP Field Study			40.280737 °	40.280737 °	
				-121.252512 °	-121.252512 °	
DWR ID	23040					

Photo 2 of 3 : UCIP\_FA\_2021\_42644\_72983.jpg



View of waterward side.

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 3 of 3 : UCIP\_FA\_2021\_42644\_72985.jpg



View of opposite bank.

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