

Flood Control Project Maintenance
2015 Structure Summary Report
Overall Unit and Item Ratings

Plumas County

North Fork Feather River Diversion Channel Drop Structure No. 1

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	N
	Safety	A
	Operation & Maintenance Manual	A

Flood Control Project Maintenance
2015 Structure Summary Report
Overall Unit and Item Ratings

Plumas County (cont.)

North Fork Feather River Diversion Channel Drop Structure No. 2

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	N
	Safety	A
	Operation & Maintenance Manual	A

Flood Control Project Maintenance
2015 Structure Summary Report
Overall Unit and Item Ratings

Plumas County (cont.)

North Fork Feather River Diversion Channel Drop Structure No. 3

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	N
	Safety	A
	Operation & Maintenance Manual	A

Flood Control Project Maintenance
2015 Structure Summary Report
Overall Unit and Item Ratings

Plumas County (cont.)

North Fork Feather River Diversion Channel Drop Structure No. 4

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	N
	Safety	A
	Operation & Maintenance Manual	A

Flood Control Project Maintenance
2015 Structure Summary Report
Overall Unit and Item Ratings

Plumas County (cont.)

North Fork Feather River Diversion Channel Drop Structure No. 5

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	N
	Safety	A
	Operation & Maintenance Manual	A

Flood Control Project Maintenance
2015 Structure Summary Report
Overall Unit and Item Ratings

Plumas County (cont.)

North Fork Feather River Diversion Channel Drop Structure No. 6

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	N
	Safety	A
	Operation & Maintenance Manual	A

Flood Control Project Maintenance
2015 Structure Summary Report
Overall Unit and Item Ratings

Plumas County (cont.)

North Fork Feather River Diversion Channel Drop Structure No. 7

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	N
	Safety	A
	Operation & Maintenance Manual	A

Flood Control Project Maintenance
2015 Structure Summary Report
Overall Unit and Item Ratings

Plumas County (cont.)

North Fork Feather River Diversion Structure

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	A
	Culverts: Breaks / Holes / Cracks	A
	Metal Pipes	N
	Trash Racks	A
	Flap Gates	N
	Sluice/Slide Gates	A
	Electric Gate Operators	N
	Manual Gate Operators	A
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	A
	Closure Structures	A
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	A
	Safety	A
	Operation & Maintenance Manual	A

Flood Control Project Maintenance

Unit Cover Sheet

2015 Structure Inspection Results

Plumas County

Structure
North Fork Feather River Diversion Channel Drop Structure No. 1

Structure Rating	A
Date of Inspection	07/14/2015
DWR Inspector	Bob Duffey
Accompanied By	Jay Pettigrew Plumas Co.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 1		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Photo Documentation		40.299243 °	40.299243 °	
			-121.262034 °	-121.262034 °	
DWR ID	DWR_NA0015_57_t_2012_23				
Action/Comments					
Inspector Comments: Spray or remove all vegetation from the channel.					

Photo 1 of 1 : ST_2015_NA0015_57_23_20150728_00002.jpg



View of drop structure 1, looking towards the North Fork Feather River.

LM Start	0.00	Rating **	A	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation & Obstructions		40.299243 °	40.299243 °	
			-121.262034 °	-121.262034 °	
DWR ID	DWR_NA0015_57_t_2012_1				
Action/Comments					
Inspector Comments: All vegetation needs to be removed from the drop structure before winter.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Shoaling / Sedimentation		40.299243 °	40.299243 °	
			-121.262034 °	-121.262034 °	
DWR ID	DWR_NA0015_57_t_2012_2				
Action/Comments					
Inspector Comments: There is no shoaling or sedimentation present.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 1		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		40.299243 °	40.299243 °	
			-121.262034 °	-121.262034 °	
DWR ID	DWR_NA0015_57_t_2012_3				
Action/Comments					
Inspector Comments: There is no erosion activity present.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Revetments		40.299243 °	40.299243 °	
			-121.262034 °	-121.262034 °	
DWR ID	DWR_NA0015_57_t_2012_4				
Action/Comments					
Inspector Comments: Existing riprap protection is properly maintained.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		40.299243 °	40.299243 °	
			-121.262034 °	-121.262034 °	
DWR ID	DWR_NA0015_57_t_2012_5				
Action/Comments					
Inspector Comments: There are no debris in the channel.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 1		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Culverts: Inlets / Outlets		40.299243 °	40.299243 °	
			-121.262034 °	-121.262034 °	
DWR ID	DWR_NA0015_57_t_2012_6				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Culverts: Breaks / Holes / Cracks		40.299243 °	40.299243 °	
			-121.262034 °	-121.262034 °	
DWR ID	DWR_NA0015_57_t_2012_7				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Metal Pipes		40.299243 °	40.299243 °	
			-121.262034 °	-121.262034 °	
DWR ID	DWR_NA0015_57_t_2012_8				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 1		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Trash Racks		40.299243 °	40.299243 °	
			-121.262034 °	-121.262034 °	
DWR ID	DWR_NA0015_57_t_2012_9				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Flap Gates		40.299243 °	40.299243 °	
			-121.262034 °	-121.262034 °	
DWR ID	DWR_NA0015_57_t_2012_10				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Sluice/Slide Gates		40.299243 °	40.299243 °	
			-121.262034 °	-121.262034 °	
DWR ID	DWR_NA0015_57_t_2012_11				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 1		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Electric Gate Operators		40.299243 °	40.299243 °	
			-121.262034 °	-121.262034 °	
DWR ID	DWR_NA0015_57_t_2012_12				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Manual Gate Operators		40.299243 °	40.299243 °	
			-121.262034 °	-121.262034 °	
DWR ID	DWR_NA0015_57_t_2012_13				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Surfaces		40.299243 °	40.299243 °	
			-121.262034 °	-121.262034 °	
DWR ID	DWR_NA0015_57_t_2012_14				
Action/Comments					
Inspector Comments: The concrete surface is weathered and rough to the touch.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 1		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Tilting / Settlement		40.299243 °	40.299243 °	
			-121.262034 °	-121.262034 °	
DWR ID	DWR_NA0015_57_t_2012_15				
Action/Comments					
Inspector Comments: No areas of tilting were observed.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Foundations		40.299243 °	40.299243 °	
			-121.262034 °	-121.262034 °	
DWR ID	DWR_NA0015_57_t_2012_16				
Action/Comments					
Inspector Comments: There is no erosion or undermining near the structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Security Fencing		40.299243 °	40.299243 °	
			-121.262034 °	-121.262034 °	
DWR ID	DWR_NA0015_57_t_2012_17				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 1		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Closure Structures		40.299243 °	40.299243 °	
			-121.262034 °	-121.262034 °	
DWR ID	DWR_NA0015_57_t_2012_18				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Trash Rakes		40.299243 °	40.299243 °	
			-121.262034 °	-121.262034 °	
DWR ID	DWR_NA0015_57_t_2012_19				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Other Metallic Items		40.299243 °	40.299243 °	
			-121.262034 °	-121.262034 °	
DWR ID	DWR_NA0015_57_t_2012_20				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 1		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Monolith Joints		40.299243 °	40.299243 °	
			-121.262034 °	-121.262034 °	
DWR ID	DWR_NA0015_57_t_2012_21				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Safety		40.299243 °	40.299243 °	
			-121.262034 °	-121.262034 °	
DWR ID	DWR_NA0015_57_t_2012_22				
Action/Comments					
Inspector Comments: The county has safety procedures for working around the structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Operation & Maintenance Manual		40.299243 °	40.299243 °	
			-121.262034 °	-121.262034 °	
DWR ID	DWR_NA0015_57_t_2013_24				
Action/Comments					
Inspector Comments: The county has copies of the O&M Manual in their office.					

No Photos

* 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

Unit Cover Sheet

2015 Structure Inspection Results

Plumas County

Structure
North Fork Feather River Diversion Channel Drop Structure No. 2

Structure Rating	A
Date of Inspection	07/14/2015
DWR Inspector	Bob Duffey
Accompanied By	Jay Pettigrew Plumas Co.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2015

Plumas County

Structure		Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 2			07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Photo Documentation		40.294270 °	40.294270 °	
			-121.258935 °	-121.258935 °	
DWR ID	DWR_NA0015_58_t_2012_23				
Action/Comments					
Inspector Comments: Spray or remove all vegetation from the channel.					

Photo 1 of 1 : ST_2015_NA0015_58_23_20150728_00001.jpg



View of drop structure 2, looking back towards the North Fork Feather River.

LM Start	0.00	Rating **	A	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation & Obstructions		40.294270 °	40.294270 °	
			-121.258935 °	-121.258935 °	
DWR ID	DWR_NA0015_58_t_2012_1				
Action/Comments					
Inspector Comments: All vegetation needs to be removed from the drop structure before winter.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Shoaling / Sedimentation		40.294270 °	40.294270 °	
			-121.258935 °	-121.258935 °	
DWR ID	DWR_NA0015_58_t_2012_2				
Action/Comments					
Inspector Comments: There is no shoaling or sedimentation present.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 2		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		40.294270 °	40.294270 °	
			-121.258935 °	-121.258935 °	
DWR ID	DWR_NA0015_58_t_2012_3				
Action/Comments					
Inspector Comments: There is no erosion activity present.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Revetments		40.294270 °	40.294270 °	
			-121.258935 °	-121.258935 °	
DWR ID	DWR_NA0015_58_t_2012_4				
Action/Comments					
Inspector Comments: Existing riprap protection is properly maintained.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		40.294270 °	40.294270 °	
			-121.258935 °	-121.258935 °	
DWR ID	DWR_NA0015_58_t_2012_5				
Action/Comments					
Inspector Comments: There are no debris in the channel.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 2		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Culverts: Inlets / Outlets		40.294270 °	40.294270 °	
			-121.258935 °	-121.258935 °	
DWR ID	DWR_NA0015_58_t_2012_6				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Culverts: Breaks / Holes / Cracks		40.294270 °	40.294270 °	
			-121.258935 °	-121.258935 °	
DWR ID	DWR_NA0015_58_t_2012_7				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Metal Pipes		40.294270 °	40.294270 °	
			-121.258935 °	-121.258935 °	
DWR ID	DWR_NA0015_58_t_2012_8				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 2		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Trash Racks		40.294270 °	40.294270 °	
			-121.258935 °	-121.258935 °	
DWR ID	DWR_NA0015_58_t_2012_9				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Flap Gates		40.294270 °	40.294270 °	
			-121.258935 °	-121.258935 °	
DWR ID	DWR_NA0015_58_t_2012_10				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Sluice/Slide Gates		40.294270 °	40.294270 °	
			-121.258935 °	-121.258935 °	
DWR ID	DWR_NA0015_58_t_2012_11				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 2		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Electric Gate Operators		40.294270 °	40.294270 °	
			-121.258935 °	-121.258935 °	
DWR ID	DWR_NA0015_58_t_2012_12				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Manual Gate Operators		40.294270 °	40.294270 °	
			-121.258935 °	-121.258935 °	
DWR ID	DWR_NA0015_58_t_2012_13				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Surfaces		40.294270 °	40.294270 °	
			-121.258935 °	-121.258935 °	
DWR ID	DWR_NA0015_58_t_2012_14				
Action/Comments					
Inspector Comments: The concrete surface is weathered and rough to the touch.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 2		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Tilting / Settlement		40.294270 °	40.294270 °	
			-121.258935 °	-121.258935 °	
DWR ID	DWR_NA0015_58_t_2012_15				
Action/Comments					
Inspector Comments: No areas of tilting were observed.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Foundations		40.294270 °	40.294270 °	
			-121.258935 °	-121.258935 °	
DWR ID	DWR_NA0015_58_t_2015_16				
Action/Comments					
Inspector Comments: There is no erosion or undermining near the structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Security Fencing		40.294270 °	40.294270 °	
			-121.258935 °	-121.258935 °	
DWR ID	DWR_NA0015_58_t_2012_17				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 2		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Closure Structures		40.294270 °	40.294270 °	
			-121.258935 °	-121.258935 °	
DWR ID	DWR_NA0015_58_t_2012_18				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Trash Rakes		40.294270 °	40.294270 °	
			-121.258935 °	-121.258935 °	
DWR ID	DWR_NA0015_58_t_2012_19				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Other Metallic Items		40.294270 °	40.294270 °	
			-121.258935 °	-121.258935 °	
DWR ID	DWR_NA0015_58_t_2012_20				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 2		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Monolith Joints		40.294270 °	40.294270 °	
			-121.258935 °	-121.258935 °	
DWR ID	DWR_NA0015_58_t_2012_21				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Safety		40.294270 °	40.294270 °	
			-121.258935 °	-121.258935 °	
DWR ID	DWR_NA0015_58_t_2012_22				
Action/Comments					
Inspector Comments: The county has safety procedures for working around the structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Operation & Maintenance Manual		40.294270 °	40.294270 °	
			-121.258935 °	-121.258935 °	
DWR ID	DWR_NA0015_58_t_2013_24				
Action/Comments					
Inspector Comments: The county has copies of the O&M Manual in their office.					

No Photos

* 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
Unit Cover Sheet
2015 Structure Inspection Results

Plumas County

Structure
North Fork Feather River Diversion Channel Drop Structure No. 3

Structure Rating	A
Date of Inspection	07/14/2015
DWR Inspector	Bob Duffey
Accompanied By	Jay Pettigrew Plumas Co.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2015

Plumas County

Structure		Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 3			07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Photo Documentation		40.294270 °	40.294270 °	
			-121.256375 °	-121.256375 °	
DWR ID	DWR_NA0015_59_t_2012_23				
Action/Comments					
Inspector Comments: Spray or remove all vegetation from the channel.					

Photo 1 of 1 : ST_2015_NA0015_59_23_20150728_00001.jpg



View of drop structure 3, looking towards drop structure 2.

LM Start	0.00	Rating **	A	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation & Obstructions		40.294270 °	40.294270 °	
			-121.256375 °	-121.256375 °	
DWR ID	DWR_NA0015_59_t_2012_1				
Action/Comments					
Inspector Comments: All vegetation needs to be removed from the drop structure before winter.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Shoaling / Sedimentation		40.294270 °	40.294270 °	
			-121.256375 °	-121.256375 °	
DWR ID	DWR_NA0015_59_t_2012_2				
Action/Comments					
Inspector Comments: There is no shoaling or sedimentation present.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 3		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		40.294270 °	40.294270 °	
			-121.256375 °	-121.256375 °	
DWR ID	DWR_NA0015_59_t_2012_3				
Action/Comments					
Inspector Comments: There is no erosion activity present.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Revetments		40.294270 °	40.294270 °	
			-121.256375 °	-121.256375 °	
DWR ID	DWR_NA0015_59_t_2012_4				
Action/Comments					
Inspector Comments: Existing riprap protection is properly maintained.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		40.294270 °	40.294270 °	
			-121.256375 °	-121.256375 °	
DWR ID	DWR_NA0015_59_t_2012_5				
Action/Comments					
Inspector Comments: There are no debris in the channel.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 3		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Culverts: Inlets / Outlets		40.294270 °	40.294270 °	
			-121.256375 °	-121.256375 °	
DWR ID	DWR_NA0015_59_t_2012_6				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Culverts: Breaks / Holes / Cracks		40.294270 °	40.294270 °	
			-121.256375 °	-121.256375 °	
DWR ID	DWR_NA0015_59_t_2012_7				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Metal Pipes		40.294270 °	40.294270 °	
			-121.256375 °	-121.256375 °	
DWR ID	DWR_NA0015_59_t_2012_8				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 3		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Trash Racks		40.294270 °	40.294270 °	
			-121.256375 °	-121.256375 °	
DWR ID	DWR_NA0015_59_t_2012_9				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Flap Gates		40.294270 °	40.294270 °	
			-121.256375 °	-121.256375 °	
DWR ID	DWR_NA0015_59_t_2012_10				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Sluice/Slide Gates		40.294270 °	40.294270 °	
			-121.256375 °	-121.256375 °	
DWR ID	DWR_NA0015_59_t_2012_11				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 3		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Electric Gate Operators		40.294270 °	40.294270 °	
			-121.256375 °	-121.256375 °	
DWR ID	DWR_NA0015_59_t_2012_12				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Manual Gate Operators		40.294270 °	40.294270 °	
			-121.256375 °	-121.256375 °	
DWR ID	DWR_NA0015_59_t_2012_13				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Surfaces		40.294270 °	40.294270 °	
			-121.256375 °	-121.256375 °	
DWR ID	DWR_NA0015_59_t_2012_14				
Action/Comments					
Inspector Comments: The concrete surface is weathered and rough to the touch.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 3		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Tilting / Settlement		40.294270 °	40.294270 °	
			-121.256375 °	-121.256375 °	
DWR ID	DWR_NA0015_59_t_2012_15				
Action/Comments					
Inspector Comments: No areas of tilting were observed.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Foundations		40.294270 °	40.294270 °	
			-121.256375 °	-121.256375 °	
DWR ID	DWR_NA0015_59_t_2012_16				
Action/Comments					
Inspector Comments: There is no erosion or undermining near the structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Security Fencing		40.294270 °	40.294270 °	
			-121.256375 °	-121.256375 °	
DWR ID	DWR_NA0015_59_t_2012_17				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 3		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Closure Structures		40.294270 °	40.294270 °	
			-121.256375 °	-121.256375 °	
DWR ID	DWR_NA0015_59_t_2012_18				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Trash Rakes		40.294270 °	40.294270 °	
			-121.256375 °	-121.256375 °	
DWR ID	DWR_NA0015_59_t_2012_19				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Other Metallic Items		40.294270 °	40.294270 °	
			-121.256375 °	-121.256375 °	
DWR ID	DWR_NA0015_59_t_2012_20				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 3		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Monolith Joints		40.294270 °	40.294270 °	
			-121.256375 °	-121.256375 °	
DWR ID	DWR_NA0015_59_t_2012_21				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Safety		40.294270 °	40.294270 °	
			-121.256375 °	-121.256375 °	
DWR ID	DWR_NA0015_59_t_2012_22				
Action/Comments					
Inspector Comments: The county has safety procedures for working around the structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Operation & Maintenance Manual		40.294270 °	40.294270 °	
			-121.256375 °	-121.256375 °	
DWR ID	DWR_NA0015_59_t_2013_24				
Action/Comments					
Inspector Comments: The county has copies of the O&M Manual in their office.					

No Photos

* 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

Unit Cover Sheet

2015 Structure Inspection Results

Plumas County

Structure
North Fork Feather River Diversion Channel Drop Structure No. 4

Structure Rating	A
Date of Inspection	07/14/2015
DWR Inspector	Bob Duffey
Accompanied By	Jay Pettigrew Plumas Co.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 4		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Photo Documentation		40.285653 °	40.285653 °	
			-121.253902 °	-121.253902 °	
DWR ID	DWR_NA0015_60_t_2012_23				
Action/Comments					
Inspector Comments: Spray or remove all vegetation from the channel.					

Photo 1 of 1 : ST_2015_NA0015_60_23_20150728_00001.jpg



View of drop structure 4, looking back at drop structure 3.

LM Start	0.00	Rating **	A	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation & Obstructions		40.285653 °	40.285653 °	
			-121.253902 °	-121.253902 °	
DWR ID	DWR_NA0015_60_t_2012_1				
Action/Comments					
Inspector Comments: All vegetation needs to be removed from the drop structure before winter.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Shoaling / Sedimentation		40.285653 °	40.285653 °	
			-121.253902 °	-121.253902 °	
DWR ID	DWR_NA0015_60_t_2012_2				
Action/Comments					
Inspector Comments: There is no shoaling or sedimentation present.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 4		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		40.285653 °	40.285653 °	
			-121.253902 °	-121.253902 °	
DWR ID	DWR_NA0015_60_t_2012_3				
Action/Comments					
Inspector Comments: There is no erosion activity present.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Revetments		40.285653 °	40.285653 °	
			-121.253902 °	-121.253902 °	
DWR ID	DWR_NA0015_60_t_2012_4				
Action/Comments					
Inspector Comments: Existing riprap protection is properly maintained.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		40.285653 °	40.285653 °	
			-121.253902 °	-121.253902 °	
DWR ID	DWR_NA0015_60_t_2012_5				
Action/Comments					
Inspector Comments: There are no debris in the channel.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 4		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Culverts: Inlets / Outlets		40.285653 °	40.285653 °	
			-121.253902 °	-121.253902 °	
DWR ID	DWR_NA0015_60_t_2012_6				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Culverts: Breaks / Holes / Cracks		40.285653 °	40.285653 °	
			-121.253902 °	-121.253902 °	
DWR ID	DWR_NA0015_60_t_2012_7				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Metal Pipes		40.285653 °	40.285653 °	
			-121.253902 °	-121.253902 °	
DWR ID	DWR_NA0015_60_t_2012_8				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 4		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Trash Racks		40.285653 °	40.285653 °	
			-121.253902 °	-121.253902 °	
DWR ID	DWR_NA0015_60_t_2012_9				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Flap Gates		40.285653 °	40.285653 °	
			-121.253902 °	-121.253902 °	
DWR ID	DWR_NA0015_60_t_2012_10				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Sluice/Slide Gates		40.285653 °	40.285653 °	
			-121.253902 °	-121.253902 °	
DWR ID	DWR_NA0015_60_t_2012_11				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 4		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Electric Gate Operators		40.285653 °	40.285653 °	
			-121.253902 °	-121.253902 °	
DWR ID	DWR_NA0015_60_t_2012_12				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Manual Gate Operators		40.285653 °	40.285653 °	
			-121.253902 °	-121.253902 °	
DWR ID	DWR_NA0015_60_t_2012_13				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Surfaces		40.285653 °	40.285653 °	
			-121.253902 °	-121.253902 °	
DWR ID	DWR_NA0015_60_t_2012_14				
Action/Comments					
Inspector Comments: The concrete surface is weathered and rough to the touch.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 4		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Tilting / Settlement		40.285653 °	40.285653 °	
			-121.253902 °	-121.253902 °	
DWR ID	DWR_NA0015_60_t_2012_15				
Action/Comments					
Inspector Comments: No areas of tilting were observed.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Foundations		40.285653 °	40.285653 °	
			-121.253902 °	-121.253902 °	
DWR ID	DWR_NA0015_60_t_2012_16				
Action/Comments					
Inspector Comments: There is no erosion or undermining near the structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Security Fencing		40.285653 °	40.285653 °	
			-121.253902 °	-121.253902 °	
DWR ID	DWR_NA0015_60_t_2012_17				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 4		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Closure Structures		40.285653 °	40.285653 °	
			-121.253902 °	-121.253902 °	
DWR ID	DWR_NA0015_60_t_2012_18				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Trash Rakes		40.285653 °	40.285653 °	
			-121.253902 °	-121.253902 °	
DWR ID	DWR_NA0015_60_t_2012_19				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Other Metallic Items		40.285653 °	40.285653 °	
			-121.253902 °	-121.253902 °	
DWR ID	DWR_NA0015_60_t_2015_20				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 4		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Monolith Joints		40.285653 °	40.285653 °	
			-121.253902 °	-121.253902 °	
DWR ID	DWR_NA0015_60_t_2012_21				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Safety		40.285653 °	40.285653 °	
			-121.253902 °	-121.253902 °	
DWR ID	DWR_NA0015_60_t_2012_22				
Action/Comments					
Inspector Comments: The county has safety procedures for working around the structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Operation & Maintenance Manual		40.285653 °	40.285653 °	
			-121.253902 °	-121.253902 °	
DWR ID	DWR_NA0015_60_t_2013_24				
Action/Comments					
Inspector Comments: The county has copies of the O&M Manual in their office.					

No Photos

* 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

Unit Cover Sheet

2015 Structure Inspection Results

Plumas County

Structure
North Fork Feather River Diversion Channel Drop Structure No. 5

Structure Rating	A
Date of Inspection	07/14/2015
DWR Inspector	Bob Duffey
Accompanied By	Jay Pettigrew Plumas Co.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 5		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Photo Documentation		40.283028 °	40.283028 °	
			-121.252348 °	-121.252348 °	
DWR ID	DWR_NA0015_61_t_2012_23				
Action/Comments					
Inspector Comments: Spray or remove all vegetation from the channel.					

Photo 1 of 1 : ST_2015_NA0015_61_23_20150728_00001.jpg



View of the drop structure 5, Look towards drop structure 4.

LM Start	0.00	Rating **	A	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation & Obstructions		40.283028 °	40.283028 °	
			-121.252348 °	-121.252348 °	
DWR ID	DWR_NA0015_61_t_2012_1				
Action/Comments					
Inspector Comments: All vegetation needs to be removed from the drop structure before winter.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Shoaling / Sedimentation		40.283028 °	40.283028 °	
			-121.252348 °	-121.252348 °	
DWR ID	DWR_NA0015_61_t_2012_2				
Action/Comments					
Inspector Comments: There is no shoaling or sedimentation present.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 5		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		40.283028 °	40.283028 °	
			-121.252348 °	-121.252348 °	
DWR ID	DWR_NA0015_61_t_2012_3				
Action/Comments					
Inspector Comments: There is no erosion activity present.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Revetments		40.283028 °	40.283028 °	
			-121.252348 °	-121.252348 °	
DWR ID	DWR_NA0015_61_t_2012_4				
Action/Comments					
Inspector Comments: Existing riprap protection is properly maintained.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		40.283028 °	40.283028 °	
			-121.252348 °	-121.252348 °	
DWR ID	DWR_NA0015_61_t_2012_5				
Action/Comments					
Inspector Comments: There are no debris in the channel.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 5		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Culverts: Inlets / Outlets		40.283028 °	40.283028 °	
			-121.252348 °	-121.252348 °	
DWR ID	DWR_NA0015_61_t_2012_6				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Culverts: Breaks / Holes / Cracks		40.283028 °	40.283028 °	
			-121.252348 °	-121.252348 °	
DWR ID	DWR_NA0015_61_t_2012_7				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Metal Pipes		40.283028 °	40.283028 °	
			-121.252348 °	-121.252348 °	
DWR ID	DWR_NA0015_61_t_2012_8				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 5		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Trash Racks		40.283028 °	40.283028 °	
			-121.252348 °	-121.252348 °	
DWR ID	DWR_NA0015_61_t_2012_9				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Flap Gates		40.283028 °	40.283028 °	
			-121.252348 °	-121.252348 °	
DWR ID	DWR_NA0015_61_t_2012_10				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Sluice/Slide Gates		40.283028 °	40.283028 °	
			-121.252348 °	-121.252348 °	
DWR ID	DWR_NA0015_61_t_2012_11				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 5		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Electric Gate Operators		40.283028 °	40.283028 °	
			-121.252348 °	-121.252348 °	
DWR ID	DWR_NA0015_61_t_2015_12				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Manual Gate Operators		40.283028 °	40.283028 °	
			-121.252348 °	-121.252348 °	
DWR ID	DWR_NA0015_61_t_2012_13				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Surfaces		40.283028 °	40.283028 °	
			-121.252348 °	-121.252348 °	
DWR ID	DWR_NA0015_61_t_2012_14				
Action/Comments					
Inspector Comments: The concrete surface is weathered and rough to the touch.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 5		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Tilting / Settlement		40.283028 °	40.283028 °	
			-121.252348 °	-121.252348 °	
DWR ID	DWR_NA0015_61_t_2012_15				
Action/Comments					
Inspector Comments: No areas of tilting were observed.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Foundations		40.283028 °	40.283028 °	
			-121.252348 °	-121.252348 °	
DWR ID	DWR_NA0015_61_t_2012_16				
Action/Comments					
Inspector Comments: There is no erosion or undermining near the structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Security Fencing		40.283028 °	40.283028 °	
			-121.252348 °	-121.252348 °	
DWR ID	DWR_NA0015_61_t_2012_17				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 5		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Closure Structures		40.283028 °	40.283028 °	
			-121.252348 °	-121.252348 °	
DWR ID	DWR_NA0015_61_t_2012_18				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Trash Rakes		40.283028 °	40.283028 °	
			-121.252348 °	-121.252348 °	
DWR ID	DWR_NA0015_61_t_2012_19				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Other Metallic Items		40.283028 °	40.283028 °	
			-121.252348 °	-121.252348 °	
DWR ID	DWR_NA0015_61_t_2015_20				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 5		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Monolith Joints		40.283028 °	40.283028 °	
			-121.252348 °	-121.252348 °	
DWR ID	DWR_NA0015_61_t_2012_21				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Safety		40.283028 °	40.283028 °	
			-121.252348 °	-121.252348 °	
DWR ID	DWR_NA0015_61_t_2012_22				
Action/Comments					
Inspector Comments: The county has safety procedures for working around the structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Operation & Maintenance Manual		40.283028 °	40.283028 °	
			-121.252348 °	-121.252348 °	
DWR ID	DWR_NA0015_61_t_2013_24				
Action/Comments					
Inspector Comments: The county has copies of the O&M Manual in their office.					

No Photos

* 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

Unit Cover Sheet

2015 Structure Inspection Results

Plumas County

Structure
North Fork Feather River Diversion Channel Drop Structure No. 6

Structure Rating	A
Date of Inspection	07/14/2015
DWR Inspector	Bob Duffey
Accompanied By	Jay Pettigrew Plumas Co.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 6		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Photo Documentation		40.275902 °	40.275902 °	
			-121.248142 °	-121.248142 °	
DWR ID	DWR_NA0015_62_t_2012_23				
Action/Comments					
Inspector Comments: Spray or remove all vegetation from the channel.					

Photo 1 of 1 : ST_2015_NA0015_62_23_20150728_00001.jpg



View of drop structure 6, looking towards drop structure 5.

LM Start	0.00	Rating **	A	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation & Obstructions		40.275902 °	40.275902 °	
			-121.248142 °	-121.248142 °	
DWR ID	DWR_NA0015_62_t_2012_1				
Action/Comments					
Inspector Comments: All vegetation needs to be removed from the drop structure before winter.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Shoaling / Sedimentation		40.275902 °	40.275902 °	
			-121.248142 °	-121.248142 °	
DWR ID	DWR_NA0015_62_t_2012_2				
Action/Comments					
Inspector Comments: There is no shoaling or sedimentation present.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 6		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		40.275902 °	40.275902 °	
			-121.248142 °	-121.248142 °	
DWR ID	DWR_NA0015_62_t_2012_3				
Action/Comments					
Inspector Comments: There is no erosion activity present.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Revetments		40.275902 °	40.275902 °	
			-121.248142 °	-121.248142 °	
DWR ID	DWR_NA0015_62_t_2012_4				
Action/Comments					
Inspector Comments: Existing riprap protection is properly maintained.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		40.275902 °	40.275902 °	
			-121.248142 °	-121.248142 °	
DWR ID	DWR_NA0015_62_t_2012_5				
Action/Comments					
Inspector Comments: There are no debris in the channel.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 6		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Culverts: Inlets / Outlets		40.275902 °	40.275902 °	
			-121.248142 °	-121.248142 °	
DWR ID	DWR_NA0015_62_t_2012_6				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Culverts: Breaks / Holes / Cracks		40.275902 °	40.275902 °	
			-121.248142 °	-121.248142 °	
DWR ID	DWR_NA0015_62_t_2012_7				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Metal Pipes		40.275902 °	40.275902 °	
			-121.248142 °	-121.248142 °	
DWR ID	DWR_NA0015_62_t_2012_8				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 6		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Trash Racks		40.275902 °	40.275902 °	
			-121.248142 °	-121.248142 °	
DWR ID	DWR_NA0015_62_t_2012_9				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Flap Gates		40.275902 °	40.275902 °	
			-121.248142 °	-121.248142 °	
DWR ID	DWR_NA0015_62_t_2012_10				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Sluice/Slide Gates		40.275902 °	40.275902 °	
			-121.248142 °	-121.248142 °	
DWR ID	DWR_NA0015_62_t_2012_11				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 6		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Electric Gate Operators		40.275902 °	40.275902 °	
			-121.248142 °	-121.248142 °	
DWR ID	DWR_NA0015_62_t_2012_12				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Manual Gate Operators		40.275902 °	40.275902 °	
			-121.248142 °	-121.248142 °	
DWR ID	DWR_NA0015_62_t_2012_13				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Surfaces		40.275902 °	40.275902 °	
			-121.248142 °	-121.248142 °	
DWR ID	DWR_NA0015_62_t_2012_14				
Action/Comments					
Inspector Comments: The concrete surface is weathered and rough to the touch.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 6		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Tilting / Settlement		40.275902 °	40.275902 °	
			-121.248142 °	-121.248142 °	
DWR ID	DWR_NA0015_62_t_2012_15				
Action/Comments					
Inspector Comments: No areas of tilting were observed.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Foundations		40.275902 °	40.275902 °	
			-121.248142 °	-121.248142 °	
DWR ID	DWR_NA0015_62_t_2012_16				
Action/Comments					
Inspector Comments: There is no erosion or undermining near the structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Security Fencing		40.275902 °	40.275902 °	
			-121.248142 °	-121.248142 °	
DWR ID	DWR_NA0015_62_t_2012_17				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 6		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Closure Structures		40.275902 °	40.275902 °	
			-121.248142 °	-121.248142 °	
DWR ID	DWR_NA0015_62_t_2012_18				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Trash Rakes		40.275902 °	40.275902 °	
			-121.248142 °	-121.248142 °	
DWR ID	DWR_NA0015_62_t_2012_19				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Other Metallic Items		40.275902 °	40.275902 °	
			-121.248142 °	-121.248142 °	
DWR ID	DWR_NA0015_62_t_2012_20				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 6		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Monolith Joints		40.275902 °	40.275902 °	
			-121.248142 °	-121.248142 °	
DWR ID	DWR_NA0015_62_t_2012_21				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Safety		40.275902 °	40.275902 °	
			-121.248142 °	-121.248142 °	
DWR ID	DWR_NA0015_62_t_2012_22				
Action/Comments					
Inspector Comments: The county has safety procedures for working around the structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Operation & Maintenance Manual		40.275902 °	40.275902 °	
			-121.248142 °	-121.248142 °	
DWR ID	DWR_NA0015_62_t_2013_24				
Action/Comments					
Inspector Comments: The county has copies of the O&M Manual in their office.					

No Photos

* 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

Unit Cover Sheet

2015 Structure Inspection Results

Plumas County

Structure
North Fork Feather River Diversion Channel Drop Structure No. 7

Structure Rating	A
Date of Inspection	07/14/2015
DWR Inspector	Bob Duffey
Accompanied By	Jay Pettigrew Plumas Co.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2015

Plumas County

Structure		Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 7			07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Photo Documentation		40.272544 °	40.272544 °	
			-121.246161 °	-121.246161 °	
DWR ID	DWR_NA0015_63_t_2015_23				
Action/Comments					
Inspector Comments: Plumas Co. is removing all vegetation from the channel.					

Photo 1 of 1 : ST_2015_NA0015_63_23_20150728_00003.jpg



View of drop structure 7, looking back towards drop structure 6.

LM Start	0.00	Rating **	A	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation & Obstructions		40.272544 °	40.272544 °	
			-121.246161 °	-121.246161 °	
DWR ID	DWR_NA0015_63_t_2012_1				
Action/Comments					
Inspector Comments: All vegetation needs to be removed from the drop structure before winter.					

Photo 1 of 1 : ST_2015_NA0015_63_1_20150728_00004.jpg



Plumas Co. was removing all vegetation from the channel.

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Shoaling / Sedimentation		40.272544 °	40.272544 °	
			-121.246161 °	-121.246161 °	
DWR ID	DWR_NA0015_63_t_2012_2				
Action/Comments					
Inspector Comments: There is no shoaling or sedimentation present.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 7		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		40.272544 °	40.272544 °	
			-121.246161 °	-121.246161 °	
DWR ID	DWR_NA0015_63_t_2012_3				
Action/Comments					
Inspector Comments: There is no erosion activity present.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Revetments		40.272544 °	40.272544 °	
			-121.246161 °	-121.246161 °	
DWR ID	DWR_NA0015_63_t_2012_4				
Action/Comments					
Inspector Comments: Existing riprap protection is properly maintained.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		40.272544 °	40.272544 °	
			-121.246161 °	-121.246161 °	
DWR ID	DWR_NA0015_63_t_2012_5				
Action/Comments					
Inspector Comments: There are no debris in the channel.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 7		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Culverts: Inlets / Outlets		40.272544 °	40.272544 °	
			-121.246161 °	-121.246161 °	
DWR ID	DWR_NA0015_63_t_2012_6				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Culverts: Breaks / Holes / Cracks		40.272544 °	40.272544 °	
			-121.246161 °	-121.246161 °	
DWR ID	DWR_NA0015_63_t_2012_7				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Metal Pipes		40.272544 °	40.272544 °	
			-121.246161 °	-121.246161 °	
DWR ID	DWR_NA0015_63_t_2012_8				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 7		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Trash Racks		40.272544 °	40.272544 °	
			-121.246161 °	-121.246161 °	
DWR ID	DWR_NA0015_63_t_2012_9				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Flap Gates		40.272544 °	40.272544 °	
			-121.246161 °	-121.246161 °	
DWR ID	DWR_NA0015_63_t_2012_10				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Sluice/Slide Gates		40.272544 °	40.272544 °	
			-121.246161 °	-121.246161 °	
DWR ID	DWR_NA0015_63_t_2012_11				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 7		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Electric Gate Operators		40.272544 °	40.272544 °	
			-121.246161 °	-121.246161 °	
DWR ID	DWR_NA0015_63_t_2012_12				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Manual Gate Operators		40.272544 °	40.272544 °	
			-121.246161 °	-121.246161 °	
DWR ID	DWR_NA0015_63_t_2012_13				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Surfaces		40.272544 °	40.272544 °	
			-121.246161 °	-121.246161 °	
DWR ID	DWR_NA0015_63_t_2012_14				
Action/Comments					
Inspector Comments: The concrete surface is weathered and rough to the touch.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 7		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Tilting / Settlement		40.272544 °	40.272544 °	
			-121.246161 °	-121.246161 °	
DWR ID	DWR_NA0015_63_t_2012_15				
Action/Comments					
Inspector Comments: No areas of tilting were observed.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Foundations		40.272544 °	40.272544 °	
			-121.246161 °	-121.246161 °	
DWR ID	DWR_NA0015_63_t_2012_16				
Action/Comments					
Inspector Comments: There is no erosion or undermining near the structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Security Fencing		40.272544 °	40.272544 °	
			-121.246161 °	-121.246161 °	
DWR ID	DWR_NA0015_63_t_2012_17				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 7		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Closure Structures		40.272544 °	40.272544 °	
			-121.246161 °	-121.246161 °	
DWR ID	DWR_NA0015_63_t_2012_18				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Trash Rakes		40.272544 °	40.272544 °	
			-121.246161 °	-121.246161 °	
DWR ID	DWR_NA0015_63_t_2012_19				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Other Metallic Items		40.272544 °	40.272544 °	
			-121.246161 °	-121.246161 °	
DWR ID	DWR_NA0015_63_t_2012_20				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 7		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Monolith Joints		40.272544 °	40.272544 °	
			-121.246161 °	-121.246161 °	
DWR ID	DWR_NA0015_63_t_2012_21				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Safety		40.272544 °	40.272544 °	
			-121.246161 °	-121.246161 °	
DWR ID	DWR_NA0015_63_t_2012_22				
Action/Comments					
Inspector Comments: The county has safety procedures for working around the structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Operation & Maintenance Manual		40.272544 °	40.272544 °	
			-121.246161 °	-121.246161 °	
DWR ID	DWR_NA0015_63_t_2013_24				
Action/Comments					
Inspector Comments: The county has copies of the O&M Manual in their office.					

No Photos

* 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
Unit Cover Sheet
2015 Structure Inspection Results

Plumas County

Structure
North Fork Feather River Diversion Structure

Structure Rating	A
Date of Inspection	07/14/2015
DWR Inspector	Bob Duffey
Accompanied By	Jay Pettigrew Plumas

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Structure		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Photo Documentation		40.302640 °	40.302640 °	
			-121.263190 °	-121.263190 °	
DWR ID	DWR_NA0015_37_t_2012_23				
Action/Comments					

Photo 1 of 2 : ST_2015_NA0015_37_23_20150616_00006.jpg



View of the dam and structure. 2014

LM Start	0.00	Rating **	N	Issue No.	23 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST_2015_NA0015_37_23_20150728_00012.jpg



View of the dam and structure. 2015

LM Start	0.00	Rating **	A	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation & Obstructions		40.302810 °	40.302810 °	
			-121.261940 °	-121.261940 °	
DWR ID	DWR_NA0015_37_t_2012_1				
Action/Comments					
Inspector Comments: Remove all vegetation from the face of the dam area before winter.					

Photo 1 of 1 : ST_2015_NA0015_37_1_20150728_00008.jpg



View of the outfall structure and slope of the dam.

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Structure		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Shoaling / Sedimentation		40.302640 °	40.302640 °	
			-121.263190 °	-121.263190 °	
DWR ID	DWR_NA0015_37_t_2012_2				
Action/Comments					
Inspector Comments: Remove the sediment as needed.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		40.302640 °	40.302640 °	
			-121.263190 °	-121.263190 °	
DWR ID	DWR_NA0015_37_t_2012_3				
Action/Comments					
Inspector Comments: There is no active erosion at this structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Revetments		40.302640 °	40.302640 °	
			-121.263190 °	-121.263190 °	
DWR ID	DWR_NA0015_37_t_2012_4				
Action/Comments					
Inspector Comments: Existing riprap protection is properly maintained.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Structure		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		40.302640 °	40.302640 °	
			-121.263190 °	-121.263190 °	
DWR ID	DWR_NA0015_37_t_2012_5				
Action/Comments					
Inspector Comments: Plumas Co removed all debris this spring.					

Photo 1 of 1 : ST_2015_NA0015_37_5_20150728_00009.jpg



Plumas Co. removed all debris from around the structure.

LM Start	0.00	Rating **	A	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Culverts: Inlets / Outlets		40.302640 °	40.302640 °	
			-121.263190 °	-121.263190 °	
DWR ID	DWR_NA0015_37_t_2012_6				
Action/Comments					
Inspector Comments: Remove the debris from inlet.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Culverts: Breaks / Holes / Cracks		40.302640 °	40.302640 °	
			-121.263190 °	-121.263190 °	
DWR ID	DWR_NA0015_37_t_2012_7				
Action/Comments					
Inspector Comments: Inspect the concrete tubes each year for cracking and leaks.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Structure		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Metal Pipes		40.302640 °	40.302640 °	
			-121.263190 °	-121.263190 °	
DWR ID	DWR_NA0015_37_t_2012_8				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Trash Racks		40.302750 °	40.302750 °	
			-121.262170 °	-121.262170 °	
DWR ID	DWR_NA0015_37_t_2012_9				
Action/Comments					
Inspector Comments: The debris has been removed from the trash rack.					

Photo 1 of 2 : ST_2015_NA0015_37_9_20150616_00004.jpg



View of the trash with debris blocking the flow of water previously.

Photo 2 of 2 : ST_2015_NA0015_37_9_20150728_00010.jpg



Plumas Co. removed all debris from the trash rack.

LM Start	0.00	Rating **	A	Issue No.	9 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Structure		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Flap Gates		40.302640 °	40.302640 °	
			-121.263190 °	-121.263190 °	
DWR ID	DWR_NA0015_37_t_2012_10				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Sluice/Slide Gates		40.302640 °	40.302640 °	
			-121.263190 °	-121.263190 °	
DWR ID	DWR_NA0015_37_t_2012_11				
Action/Comments					
Inspector Comments: Slide gates appear to be in good working condition.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Electric Gate Operators		40.302810 °	40.302810 °	
			-121.261940 °	-121.261940 °	
DWR ID	DWR_NA0015_37_t_2012_12				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

Photo 1 of 2 : ST_2015_NA0015_37_12_20150616_00005.jpg



Gauging house on top of the dam, use discontinued due to vandalism.

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Structure		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	N	Issue No.	12 (cont)
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Electric Gate Operators			40.302810 °	40.302810 °
				-121.261940 °	-121.261940 °
DWR ID	DWR_NA0015_37_t_2012_12				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

Photo 2 of 2 : ST_2015_NA0015_37_12_20150728_00011.jpg



Gauging house on top of the dam, use discontinued due to vandalism.

LM Start	0.00	Rating **	A	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Manual Gate Operators			40.302640 °	40.302640 °
				-121.263190 °	-121.263190 °
DWR ID	DWR_NA0015_37_t_2012_13				
Action/Comments					
Inspector Comments: Manual gate operator appears to be working as intended.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Surfaces			40.302640 °	40.302640 °
				-121.263190 °	-121.263190 °
DWR ID	DWR_NA0015_37_t_2012_14				
Action/Comments					
Inspector Comments: There is minor spalling and cracking that Plumas County repaired.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Structure		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Tilting / Settlement		40.302640 °	40.302640 °	
			-121.263190 °	-121.263190 °	
DWR ID	DWR_NA0015_37_t_2012_15				
Action/Comments					
Inspector Comments: There are no significant areas of tilting.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Foundations		40.302640 °	40.302640 °	
			-121.263190 °	-121.263190 °	
DWR ID	DWR_NA0015_37_t_2012_16				
Action/Comments					
Inspector Comments: There is surface cracking along the south wall of the fish ladder.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Security Fencing		40.302640 °	40.302640 °	
			-121.263190 °	-121.263190 °	
DWR ID	DWR_NA0015_37_t_2012_17				
Action/Comments					
Inspector Comments: Safety / security fence is in good condition.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Structure		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	A	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Closure Structures		40.302640 °	40.302640 °	
			-121.263190 °	-121.263190 °	
DWR ID	DWR_NA0015_37_t_2012_18				
Action/Comments					
Inspector Comments: It appears the closure structure is in good condition. Make sure the flash board drop structures properly seal the front of the structure each year.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Trash Rakes		40.302640 °	40.302640 °	
			-121.263190 °	-121.263190 °	
DWR ID	DWR_NA0015_37_t_2012_19				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Other Metallic Items		40.302640 °	40.302640 °	
			-121.263190 °	-121.263190 °	
DWR ID	DWR_NA0015_37_t_2012_20				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* 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 - Structure 2015

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Structure		07/14/2015 07/14/2015	Bob Duffey

LM Start	0.00	Rating **	A	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Monolith Joints		40.302640 °	40.302640 °	
			-121.263190 °	-121.263190 °	
DWR ID	DWR_NA0015_37_t_2012_21				
Action/Comments					
Inspector Comments: The mortar joints need to be checked each year.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Safety		40.302640 °	40.302640 °	
			-121.263190 °	-121.263190 °	
DWR ID	DWR_NA0015_37_t_2012_22				
Action/Comments					
Inspector Comments: Plumas Co. has safety procedures for working around the structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Operation & Maintenance Manual		40.302640 °	40.302640 °	
			-121.263190 °	-121.263190 °	
DWR ID	DWR_NA0015_37_t_2013_24				
Action/Comments					
Inspector Comments: The county has copies of the O&M Manual in their office.					

No Photos

* 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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