

Flood Control Project Maintenance
2011 Structure Summary Report
Overall Unit and Item Ratings

Butte County Public Works

Big Chico Creek Diversion Structure

Overall Unit Rating	Rated Item	Item Rating
A	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	N
	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	N
	Closure Structures	A
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	A
	Safety	A

Lindo Channel Control Structure

Overall Unit Rating	Rated Item	Item Rating
A	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	N
	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	N
	Closure Structures	A
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	A
	Safety	A

Flood Control Project Maintenance
2011 Structure Summary Report
Overall Unit and Item Ratings

Butte County Public Works (cont.)

Lindo Channel Diversion Weir

Overall Unit Rating	Rated Item	Item Rating
A	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	A
	Safety	A

Flood Control Project Maintenance

Unit Cover Sheet

2011 Structure Inspection Results

Butte County Public Works

Structure
Big Chico Creek Diversion Structure

Structure Rating	A
Date of Inspection	8/16/2011
DWR Inspector	Clay Thomas
Accompanied By	Jay Pettigrew Plumas

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2011

Butte County Public Works

Structure						Structure Length	Inspection Start/End	Inspector
Big Chico Creek Diversion Structure							08/16/2011 08/16/2011	Clay Thomas

LNI# No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.00	0.00	Structures	Photo Documentation				°	°	1 Y
2	0.00	0.00	Structures	Vegetation & Obstructions		A	Inspector Comments: Minimal vegetation, the flow does not appear impeded.	°	°	2 Y
3	0.00	0.00	Structures	Shoaling / Sedimentation		A	Inspector Comments: There is some sedimentation, it does not appear to impeded the flow.	°	°	3
4	0.00	0.00	Structures	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	°	°	4
5	0.00	0.00	Structures	Revetments		A	Inspector Comments: Riprap is visible and appears properly maintained.	°	°	5
6	0.00	0.00	Structures	Encroachments		A	Inspector Comments: No encroachment present.	°	°	6
7	0.00	0.00	Structures	Culverts: Inlets / Outlets		A	Inspector Comments: Minimal sedimentation, the flow does not appear impeded.	°	°	7
8	0.00	0.00	Structures	Culverts: Breaks / Holes / Cracks		A	Inspector Comments: The culverts appear in good condition.	°	°	8
9	0.00	0.00	Structures	Metal Pipes		N	Inspector Comments: This item does not apply to this inspection.	°	°	9
10	0.00	0.00	Structures	Trash Racks		N	Inspector Comments: This item does not apply to this inspection.	°	°	10
11	0.00	0.00	Structures	Flap Gates		N	Inspector Comments: This item does not apply to this inspection.	°	°	11
12	0.00	0.00	Structures	Sluice/Slide Gates		A	Inspector Comments: Gate appears in good condition.	°	°	12
13	0.00	0.00	Structures	Electric Gate Operators		N	Inspector Comments: This item does not apply to this inspection.	°	°	13
14	0.00	0.00	Structures	Manual Gate Operators		A	Inspector Comments: Manual gate operators appear in good condition.	°	°	14
15	0.00	0.00	Structures	Concrete Surfaces		A	Inspector Comments: The concrete surface appears in good condition.	°	°	15

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected, see Inspector Comment
C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2011

Butte County Public Works

Structure	Structure Length	Inspection Start/End	Inspector
Big Chico Creek Diversion Structure		08/16/2011 08/16/2011	Clay Thomas

LIR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
16	0.00	0.00	Structures	Concrete Tilting / Settlement		A	Inspector Comments: No tilting, sliding or settlement observed.	°	°	16
17	0.00	0.00	Structures	Concrete Foundations		A	Inspector Comments: The concrete foundations appear in good condition.	°	°	17
18	0.00	0.00	Structures	Security Fencing		N	Inspector Comments: This item does not apply to this inspection.	°	°	18
19	0.00	0.00	Structures	Closure Structures		A	Inspector Comments: The closure structure appears in good condition.	°	°	19
20	0.00	0.00	Structures	Trash Rakes		N	Inspector Comments: This item does not apply to this inspection.	°	°	20
21	0.00	0.00	Structures	Other Metallic Items		N	Inspector Comments: This item does not apply to this inspection.	°	°	21
22	0.00	0.00	Structures	Monolith Joints		A	Inspector Comments: Monolith joints appear in good condition.	°	°	22
23	0.00	0.00	Structures	Safety		A	Inspector Comments: There are hand rails installed.	°	°	23

<p>* Location LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected, see Inspector Comment</p>	<p>C : Corrected</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2011

Butte County Public Works

Structure	Structure Length	Inspection Start/End	Inspector
Big Chico Creek Diversion Structure		08/16/2011 08/16/2011	Clay Thomas

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Photo Documentation

View of the structure.

cathom_t_20110906_019.jpg



Levee Mile Report Line	2
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Vegetation & Obstructions

View of the upstream side of the structure.

cathom_t_20110906_020.jpg



Levee Mile Report Line	2
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Vegetation & Obstructions

View of the discharge side of the structure.

cathom_t_20110906_021.jpg



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected, see Inspector Comment</p>	<p>C : Corrected</p>
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Flood Control Project Maintenance

Unit Cover Sheet

2011 Structure Inspection Results

Butte County Public Works

Structure
Lindo Channel Control Structure

Structure Rating	A
Date of Inspection	8/16/2011
DWR Inspector	Clay Thomas
Accompanied By	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2011

Butte County Public Works

Structure		Structure Length	Inspection Start/End	Inspector
Lindo Channel Control Structure			08/16/2011 08/16/2011	Clay Thomas

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.00	0.00	Structures	Photo Documentation				°	°	1 Y
2	0.00	0.00	Structures	Vegetation & Obstructions		A	Inspector Comments: Minimal vegetation, the flow does not appear impeded.	°	°	2 Y
3	0.00	0.00	Structures	Shoaling / Sedimentation		A	Inspector Comments: Minimal shoaling observed.	°	°	3
4	0.00	0.00	Structures	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	°	°	4
5	0.00	0.00	Structures	Revetments		A	Inspector Comments: Riprap is visible and appears properly maintained.	°	°	5
6	0.00	0.00	Structures	Encroachments		A	Inspector Comments: No encroachments observed.	°	°	6
7	0.00	0.00	Structures	Culverts: Inlets / Outlets		A	Inspector Comments: The culverts appear in good condition, the flow does not appear impeded.	°	°	7
8	0.00	0.00	Structures	Culverts: Breaks / Holes / Cracks		A	Inspector Comments: The culverts appear in good condition.	°	°	8
9	0.00	0.00	Structures	Metal Pipes		N	Inspector Comments: This item does not apply to this inspection.	°	°	9
10	0.00	0.00	Structures	Trash Racks		N	Inspector Comments: This item does not apply to this inspection.	°	°	10
11	0.00	0.00	Structures	Flap Gates		N	Inspector Comments: This item does not apply to this inspection.	°	°	11
12	0.00	0.00	Structures	Sluice/Slide Gates		A	Inspector Comments: Gates appear in good condition.	°	°	12
13	0.00	0.00	Structures	Electric Gate Operators		N	Inspector Comments: This item does not apply to this inspection.	°	°	13
14	0.00	0.00	Structures	Manual Gate Operators		A	Inspector Comments: Manual gate operators appear in good condition.	°	°	14
15	0.00	0.00	Structures	Concrete Surfaces		A	Inspector Comments: The concrete surface appears in good condition.	°	°	15

<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected, see Inspector Comment</p>	<p>C : Corrected</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2011

Butte County Public Works

Structure						Structure Length	Inspection Start/End	Inspector
Lindo Channel Control Structure							08/16/2011 08/16/2011	Clay Thomas

LIR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
16	0.00	0.00	Structures	Concrete Tilting / Settlement		A	Inspector Comments: No significant areas of tilting, sliding or settlement observed.	°	°	16
17	0.00	0.00	Structures	Concrete Foundations		A	Inspector Comments: The concrete foundation appears in good condition.	°	°	17
18	0.00	0.00	Structures	Security Fencing		N	Inspector Comments: This item does not apply to this inspection.	°	°	18
19	0.00	0.00	Structures	Closure Structures		A	Inspector Comments: The closure structure appears in good condition.	°	°	19
20	0.00	0.00	Structures	Trash Rakes		N	Inspector Comments: This item does not apply to this inspection.	°	°	20
21	0.00	0.00	Structures	Other Metallic Items		N	Inspector Comments: This item does not apply to this inspection.	°	°	21
22	0.00	0.00	Structures	Monolith Joints		A	Inspector Comments: Monolith joints appear in good condition.	°	°	22
23	0.00	0.00	Structures	Safety		A	Inspector Comments: Hand rails are installed.	°	°	23

<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected, see Inspector Comment</p>	<p>C : Corrected</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2011

Butte County Public Works

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Control Structure		08/16/2011 08/16/2011	Clay Thomas

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Photo Documentation
View of the structure.	
cathom_t_20110906_022.jpg	



Levee Mile Report Line	2
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Vegetation & Obstructions
View of the upstream side of the structure.	
cathom_t_20110906_023.jpg	



Levee Mile Report Line	2
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Vegetation & Obstructions
View of the downstream side of the structure.	
cathom_t_20110906_024.jpg	



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected, see Inspector Comment	C : Corrected
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Flood Control Project Maintenance

Unit Cover Sheet

2011 Structure Inspection Results

Butte County Public Works

Structure
Lindo Channel Diversion Weir

Structure Rating	A
Date of Inspection	8/16/2011
DWR Inspector	Clay Thomas
Accompanied By	Jay Pettigrew Plumas Co.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2011

Butte County Public Works

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Diversion Weir		08/16/2011 08/16/2011	Clay Thomas

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.00	0.00	Structures	Photo Documentation				°	°	1 Y
2	0.00	0.00	Structures	Vegetation & Obstructions		A	Inspector Comments: There is vegetation, the flow does not appear impeded.	°	°	2 Y
3	0.00	0.00	Structures	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	°	°	3
4	0.00	0.00	Structures	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	°	°	4
5	0.00	0.00	Structures	Revetments		A	Inspector Comments: Riprap is visible and appears properly maintained.	°	°	5
6	0.00	0.00	Structures	Encroachments		A	Inspector Comments: No encroachments observed.	°	°	6
7	0.00	0.00	Structures	Culverts: Inlets / Outlets		N	Inspector Comments: This item does not apply to this inspection.	°	°	7
8	0.00	0.00	Structures	Culverts: Breaks / Holes / Cracks		N	Inspector Comments: This item does not apply to this inspection.	°	°	8
9	0.00	0.00	Structures	Metal Pipes		N	Inspector Comments: This item does not apply to this inspection.	°	°	9
10	0.00	0.00	Structures	Trash Racks		N	Inspector Comments: This item does not apply to this inspection.	°	°	10
11	0.00	0.00	Structures	Flap Gates		N	Inspector Comments: This item does not apply to this inspection.	°	°	11
12	0.00	0.00	Structures	Sluice/Slide Gates		N	Inspector Comments: This item does not apply to this inspection.	°	°	12
13	0.00	0.00	Structures	Electric Gate Operators		N	Inspector Comments: This item does not apply to this inspection.	°	°	13
14	0.00	0.00	Structures	Manual Gate Operators		N	Inspector Comments: This item does not apply to this inspection.	°	°	14
15	0.00	0.00	Structures	Concrete Surfaces		A	Inspector Comments: Concrete surface appears in good condition.	°	°	15

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected, see Inspector Comment	C : Corrected
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2011

Butte County Public Works

Structure						Structure Length	Inspection Start/End	Inspector
Lindo Channel Diversion Weir							08/16/2011 08/16/2011	Clay Thomas

LIR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
16	0.00	0.00	Structures	Concrete Tilting / Settlement		A	Inspector Comments: There are no significant areas of tilting, sliding or settlement observed.	°	°	16
17	0.00	0.00	Structures	Concrete Foundations		A	Inspector Comments: The concrete foundation appears in good condition.	°	°	17
18	0.00	0.00	Structures	Security Fencing		N	Inspector Comments: This item does not apply to this inspection.	°	°	18
19	0.00	0.00	Structures	Closure Structures		N	Inspector Comments: This item does not apply to this inspection.	°	°	19
20	0.00	0.00	Structures	Trash Rakes		N	Inspector Comments: This item does not apply to this inspection.	°	°	20
21	0.00	0.00	Structures	Other Metallic Items		N	Inspector Comments: This item does not apply to this inspection.	°	°	21
22	0.00	0.00	Structures	Monolith Joints		A	Inspector Comments: Monolith joints appear in good condition.	°	°	22
23	0.00	0.00	Structures	Safety		A	Inspector Comments: Hand rails are installed.	°	°	23

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected, see Inspector Comment C : Corrected
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2011

Butte County Public Works

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Diversion Weir		08/16/2011 08/16/2011	Clay Thomas

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Photo Documentation
This is a view of the weir.	
cathom_t_20110906_025.jpg	



Levee Mile Report Line	2
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Vegetation & Obstructions
This is a view of the upstream side of the weir.	
cathom_t_20110906_026.jpg	



Levee Mile Report Line	2
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Vegetation & Obstructions
This is a view of the downstream side of the weir.	
cathom_t_20110906_027.jpg	



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected, see Inspector Comment	C : Corrected
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