

**Flood Control Project Maintenance
Levee Inspections**

2011 Channel Summary Report

Overall Unit and Item Ratings

DWR Sutter Maintenance Yard

Big Chico Creek

Overall Unit Rating	Rated Item	Item Rating
M *	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	M *
	Encroachments	A

** Overall channel rating average is less than 0.2, however, U rated issues are present, so the overall rating is M instead of A.*

Lindo Channel & Sandy Gulch

Overall Unit Rating	Rated Item	Item Rating
A	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	M
	Encroachments	A

Little Chico Creek

Overall Unit Rating	Rated Item	Item Rating
M *	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	M *
	Encroachments	A

** Overall channel rating average is less than 0.2, however, U rated issues are present, so the overall rating is M instead of A.*

Flood Control Project Maintenance
Unit Cover Sheet
2011 Channel Inspection Results

DWR Sutter Maintenance Yard

Channel
Big Chico Creek

Channel Rating	M *
Date of Inspection	8/17/2011
DWR Inspector	Clay Thomas
Accompanied By	

* Overall channel rating average is less than 0.2, however, U rated issues are present, so the overall rating is M instead of A.

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

DWR Sutter Maintenance Yard

Channel	Channel Length	Inspection Start/End	Inspector
Big Chico Creek	13.00	08/17/2011 08/17/2011	Clay Thomas

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
1	Big Chico Creek Control Structure	Up	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions and vegetation. The flow is not impeded.	39.761840 ° -121.792590 °	Y	1
2		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.761840 ° -121.792590 °		2
3		Up	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	39.761840 ° -121.792590 °		3
4		Up	Revetments		A	Inspector Comments: Riprap is visible and appears properly maintained.	39.761840 ° -121.792590 °		4
5		Up	Encroachments		A	Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.761840 ° -121.792590 °		5
6		Down	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions and vegetation. The flow is not impeded.	39.761840 ° -121.792590 °	Y	6
7		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.761840 ° -121.792590 °		7
8		Down	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	39.761840 ° -121.792590 °		8
9		Down	Revetments		A	Inspector Comments: Riprap is visible and appears properly maintained.	39.761840 ° -121.792590 °		9
10		Down	Encroachments		A	Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.761840 ° -121.792590 °		10
11	Bridge near Forest Ave.	Up	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions and vegetation. The flow is not impeded.	39.739750 ° -121.803070 °	Y	11
12		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.739750 ° -121.803070 °		12
13		Up	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	39.739750 ° -121.803070 °		13

* 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
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

DWR Sutter Maintenance Yard

Channel				Channel Length	Inspection Start/End	Inspector
Big Chico Creek				13.00	08/17/2011 08/17/2011	Clay Thomas

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
14		Up	Revetments		A	Inspector Comments: Riprap is visible and appears properly maintained.	39.739750 ° -121.803070 °		14
15		Up	Encroachments		A	Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.739750 ° -121.803070 °		15
16		Down	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions and vegetation. The flow is not impeded.	39.739750 ° -121.803070 °	Y	16
17		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.739750 ° -121.803070 °		17
18		Down	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	39.739750 ° -121.803070 °		18
19		Down	Revetments		A	Inspector Comments: Riprap is visible and appears properly maintained.	39.739750 ° -121.803070 °		19
20		Down	Encroachments		A	Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.739750 ° -121.803070 °		20
21	Hwy 99 Bridge	Up	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions and vegetation. The flow is not impeded.	39.738490 ° -121.822810 °	Y	21
22		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.738490 ° -121.822810 °		22
23		Up	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	39.738490 ° -121.822810 °		23
24		Up	Revetments		A	Inspector Comments: Riprap is visible and appears properly maintained.	39.738490 ° -121.822810 °		24
25		Up	Encroachments		A	Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.738490 ° -121.822810 °		25
26		Down	Vegetation & Obstructions		A	Inspector Comments: Scattered obstructions and vegetation. The flow is not impeded.	39.738490 ° -121.822810 °	Y	26

<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
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

DWR Sutter Maintenance Yard

Channel	Channel Length	Inspection Start/End	Inspector
Big Chico Creek	13.00	08/17/2011 08/17/2011	Clay Thomas

LWR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
27		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.738490 ° -121.822810 °		27
28		Down	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	39.738490 ° -121.822810 °		28
29		Down	Revetments		A	Inspector Comments: Riprap is visible and appears properly maintained.	39.738490 ° -121.822810 °		29
30		Down	Encroachments		A	Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.738490 ° -121.822810 °		30
31	Esplanade	Up	Vegetation & Obstructions		A	Inspector Comments: Scattered obstructions and vegetation. The flow is not impeded.	39.731810 ° -121.841870 °	Y	31
32		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.731810 ° -121.841870 °		32
33		Up	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	39.731810 ° -121.841870 °		33
34		Up	Revetments		M	Inspector Comments: The vegetation in the channel obstructed the view for revetment inspection.	39.731810 ° -121.841870 °		34
35		Up	Encroachments		A	Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.731810 ° -121.841870 °		35
36		Down	Vegetation & Obstructions		A	Inspector Comments: Scattered obstructions and vegetation. The flow is not impeded.	39.731810 ° -121.841870 °	Y	36
37		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.731810 ° -121.841870 °		37
38		Down	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	39.731810 ° -121.841870 °		38
39		Down	Revetments		M	Inspector Comments: The vegetation in the channel obstructed the view for revetment inspection	39.731810 ° -121.841870 °		39

* 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
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

DWR Sutter Maintenance Yard

Channel				Channel Length	Inspection Start/End	Inspector
Big Chico Creek				13.00	08/17/2011 08/17/2011	Clay Thomas

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
40		Down	Encroachments		A	Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.731810 ° -121.841870 °		40
41	Hwy 32	Up	Vegetation & Obstructions		M	Inspector Comments: Scattered obstructions and vegetation. The flow is not impeded.	39.725860 ° -121.851360 °	Y	41
42		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.725860 ° -121.851360 °		42
43		Up	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	39.725860 ° -121.851360 °		43
44		Up	Revetments		U	Inspector Comments: The vegetation in the channel obstructed the view for revetment inspection.	39.725860 ° -121.851360 °		44
45		Up	Encroachments		A	Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.725860 ° -121.851360 °		45
46		Down	Vegetation & Obstructions		A	Inspector Comments: Scattered obstructions and vegetation. The flow is not impeded.	39.725860 ° -121.851360 °	Y	46
47		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.725860 ° -121.851360 °		47
48		Down	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	39.725860 ° -121.851360 °		48
49		Down	Revetments		U	Inspector Comments: The vegetation in the channel obstructed the view for revetment inspection.	39.725860 ° -121.851360 °		49
50		Down	Encroachments		A	Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.725860 ° -121.851360 °		50
51	Mud Creek at River Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Scattered obstructions and vegetation. The flow is not impeded.	39.704580 ° -121.939320 °	Y	51
52		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.704580 ° -121.939320 °		52

*** 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
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

DWR Sutter Maintenance Yard

Channel			Channel Length	Inspection Start/End	Inspector
Big Chico Creek			13.00	08/17/2011 08/17/2011	Clay Thomas

LMR No.	Check Point	View	Item	* Location	** Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
53		Up	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	39.704580 ° -121.939320 °		53
54		Up	Revetments		A	Inspector Comments: Riprap is visible and appears properly maintained.	39.704580 ° -121.939320 °		54
55		Up	Encroachments		A	Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.704580 ° -121.939320 °		55
56		Down	Vegetation & Obstructions		A	Inspector Comments: Scattered obstructions and vegetation. The flow is not impeded.	39.704580 ° -121.939320 °	Y	56
57		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.704580 ° -121.939320 °		57
58		Down	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	39.704580 ° -121.939320 °		58
59		Down	Revetments		A	Inspector Comments: Riprap is visible and appears properly maintained.	39.704580 ° -121.939320 °		59
60		Down	Encroachments		A	Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.704580 ° -121.939320 °		60

<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
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

DWR Sutter Maintenance Yard

Channel	Channel Length	Inspection Start/End	Inspector
Big Chico Creek	13.00	08/17/2011 08/17/2011	Clay Thomas

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Big Chico Creek Control Structure.	
cathom_c_20110831_065.jpg	



Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Upstream from Big Chico Creek Control Structure.	
cathom_c_20110831_066.jpg	



Levee Mile Report Line	6
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Downstream from Big Chico Creek Control Structure,	
cathom_c_20110831_067.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
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

DWR Sutter Maintenance Yard

Channel	Channel Length	Inspection Start/End	Inspector
Big Chico Creek	13.00	08/17/2011 08/17/2011	Clay Thomas

Levee Mile Report Line	11
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>This photo is looking upstream on Highway 32 bridge, near Forrest Avenue.</p>	
<p>cathom_c_20110831_063.jpg</p>	



Levee Mile Report Line	16
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>This view is looking downstream on Highway 32 bridge, near Forrest Avenue.</p>	
<p>cathom_c_20110831_064.jpg</p>	



Levee Mile Report Line	21
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>This photo is looking upstream from Highway 99 bike path bridge. Near Villombrosa Avenue.</p>	
<p>cathom_c_20110831_068.jpg</p>	



<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
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

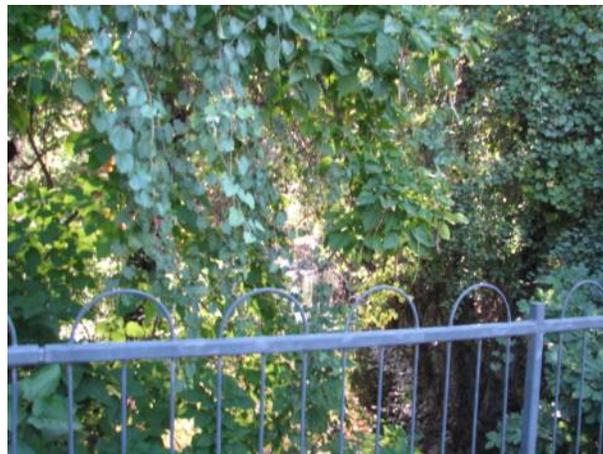
DWR Sutter Maintenance Yard

Channel	Channel Length	Inspection Start/End	Inspector
Big Chico Creek	13.00	08/17/2011 08/17/2011	Clay Thomas

Levee Mile Report Line	26
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>This photo is looking downstream from the Highway 99 bike path. Near Villombrosa Avenue.</p>	
<p>cathom_c_20110831_069.jpg</p>	



Levee Mile Report Line	31
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>This photo is looking upstream from Esplanade Avenue.</p>	
<p>cathom_c_20110831_070.jpg</p>	



Levee Mile Report Line	36
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>This view is looking downstream from Esplanade Avenue.</p>	
<p>cathom_c_20110824_009.jpg</p>	



<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
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

DWR Sutter Maintenance Yard

Channel	Channel Length	Inspection Start/End	Inspector
Big Chico Creek	13.00	08/17/2011 08/17/2011	Clay Thomas

Levee Mile Report Line	41
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>This photo is looking upstream from Highway 32 bridge, the vegetation obstructed the view for revetment inspection.</p>	
<p>cathom_c_20110831_071.jpg</p>	



Levee Mile Report Line	46
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>This photo is looking downstream from Highway 32. The vegetation obstructs the view for revetment inspection.</p>	
<p>cathom_c_20110831_072.jpg</p>	



Levee Mile Report Line	51
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>This photo is looking upstream from River Road at Mud Creek, near the confluence with the Sacramento River.</p>	
<p>cathom_c_20110831_073.jpg</p>	



<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
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

DWR Sutter Maintenance Yard

Channel	Channel Length	Inspection Start/End	Inspector
Big Chico Creek	13.00	08/17/2011 08/17/2011	Clay Thomas

Levee Mile Report Line	56
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>This photo is looking downstream from the River Road bridge, near the confluence of the Sacramento River.</p>	
<p>cathom_c_20110831_074.jpg</p>	



<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 Channel Inspection Results****DWR Sutter Maintenance Yard**

Channel
Lindo Channel & Sandy Gulch

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

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

DWR Sutter Maintenance Yard

Channel				Channel Length	Inspection Start/End	Inspector
Lindo Channel & Sandy Gulch				12.00	08/16/2011 08/16/2011	Clay Thomas

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
1	Diversion Structure	Up	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	39.761590 ° -121.797320 °	Y	1
2		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.761590 ° -121.797320 °		2
3		Up	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	39.761590 ° -121.797320 °		3
4		Up	Revetments		N	Inspector Comments: This item does not apply to this inspection.	39.761590 ° -121.797320 °		4
5		Up	Encroachments		A	Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.761590 ° -121.797320 °		5
6		Down	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	39.761590 ° -121.797320 °	Y	6
7		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.761590 ° -121.797320 °		7
8		Down	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	39.761590 ° -121.797320 °		8
9		Down	Revetments		N	Inspector Comments: This item does not apply to this inspection.	39.761590 ° -121.797320 °		9
10		Down	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.761590 ° -121.797320 °		10
11	Manzanite Ave	Up	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	39.760510 ° 121.802070 °	Y	11
12		Up	Shoaling / Sedimentation		A	Inspector Comments: Minimal shoaling or sedimentation observed.	39.760510 ° 121.802070 °		12

*** 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
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

DWR Sutter Maintenance Yard

Channel	Channel Length	Inspection Start/End	Inspector
Lindo Channel & Sandy Gulch	12.00	08/16/2011 08/16/2011	Clay Thomas

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
13		Up	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	39.760510 ° 121.802070 °		13
14		Up	Revetments		N	Inspector Comments: This item does not apply to this inspection.	39.760510 ° 121.802070 °		14
15		Up	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.760510 ° 121.802070 °		15
16		Down	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	39.760510 ° 121.802070 °	Y	16
17		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.760510 ° 121.802070 °		17
18		Down	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	39.760510 ° 121.802070 °		18
19		Down	Revetments		N	Inspector Comments: This item does not apply to this inspection.	39.760510 ° 121.802070 °		19
20		Down	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.760510 ° 121.802070 °		20
21	Bike Path Bridge at Madrone Ave	Up	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	39.755400 ° 121.814580 °	Y	21
22		Up	Shoaling / Sedimentation		A	Inspector Comments: Minimal shoaling or sedimentation observed.	39.755400 ° 121.814580 °		22
23		Up	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	39.755400 ° 121.814580 °		23
24		Up	Revetments		N	Inspector Comments: This item does not apply to this inspection.	39.755400 ° 121.814580 °		24

* 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
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

DWR Sutter Maintenance Yard

Channel				Channel Length	Inspection Start/End	Inspector
Lindo Channel & Sandy Gulch				12.00	08/16/2011 08/16/2011	Clay Thomas

MIR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
25		Up	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.755400 ° 121.814580 °		25
26		Down	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	39.755400 ° 121.814580 °	Y	26
27		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.755400 ° 121.814580 °		27
28		Down	Erosion / Bank Caving		M	Inspector Comments: There is some minor bank erosion.	39.755400 ° 121.814580 °	Y	28
29		Down	Revetments		N	Inspector Comments: This item does not apply to this inspection.	39.755400 ° 121.814580 °		29
30		Down	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.755400 ° 121.814580 °		30
31	Mariposa Ave	Up	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	39.752730 ° -121.824560 °	Y	31
32		Up	Shoaling / Sedimentation		A	Inspector Comments: Minimal shoaling or sedimentation observed.	39.752730 ° -121.824560 °		32
33		Up	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	39.752730 ° -121.824560 °		33
34		Up	Revetments		N	Inspector Comments: This item does not apply to this inspection.	39.752730 ° -121.824560 °		34
35		Up	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.752730 ° -121.824560 °		35
36		Down	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	39.752730 ° -121.824560 °	Y	36

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

DWR Sutter Maintenance Yard

Channel	Channel Length	Inspection Start/End	Inspector
Lindo Channel & Sandy Gulch	12.00	08/16/2011 08/16/2011	Clay Thomas

LIR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
37		Down	Shoaling / Sedimentation		A	Inspector Comments: Minimal shoaling or sedimentation observed.	39.752730 ° -121.824560 °		37
38		Down	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	39.752730 ° -121.824560 °		38
39		Down	Revetments		N	Inspector Comments: This item does not apply to this inspection.	39.752730 ° -121.824560 °		39
40		Down	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.752730 ° -121.824560 °		40
41	5th Ave	Up	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	39.752332 ° -121.829199 °	Y	41
42		Up	Shoaling / Sedimentation		A	Inspector Comments: Minimal shoaling or sedimentation observed.	39.752332 ° -121.829199 °		42
43		Up	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	39.752332 ° -121.829199 °		43
44		Up	Revetments		N	Inspector Comments: This item does not apply to this inspection.	39.752332 ° -121.829199 °		44
45		Up	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.752332 ° -121.829199 °		45
46		Down	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	39.752332 ° -121.829199 °	Y	46
47		Down	Shoaling / Sedimentation		A	Inspector Comments: Minimal shoaling or sedimentation present.	39.752332 ° -121.829199 °		47
48		Down	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	39.752332 ° -121.829199 °		48

* 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
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

DWR Sutter Maintenance Yard

Channel				Channel Length	Inspection Start/End	Inspector
Lindo Channel & Sandy Gulch				12.00	08/16/2011 08/16/2011	Clay Thomas

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
49		Down	Revetments		N	Inspector Comments: This item does not apply to this inspection.	39.752332 ° -121.829199 °		49
50		Down	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.752332 ° -121.829199 °		50
51	Esplanade	Up	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	39.749380 ° -121.854400 °	Y	51
52		Up	Shoaling / Sedimentation		A	Inspector Comments: Minimal shoaling or sedimentation present.	39.749380 ° -121.854400 °		52
53		Up	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	39.749380 ° -121.854400 °		53
54		Up	Revetments		N	Inspector Comments: This item does not apply to this inspection.	39.749380 ° -121.854400 °		54
55		Up	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.749380 ° -121.854400 °		55
56		Down	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	39.749380 ° -121.854400 °	Y	56
57		Down	Shoaling / Sedimentation		A	Inspector Comments: Minimal shoaling or sedimentation present.	39.749380 ° -121.854400 °		57
58		Down	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	39.749380 ° -121.854400 °		58
59		Down	Revetments		N	Inspector Comments: This item does not apply to this inspection.	39.749380 ° -121.854400 °		59
60		Down	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.749380 ° -121.854400 °		60

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

DWR Sutter Maintenance Yard

Channel				Channel Length	Inspection Start/End	Inspector
Lindo Channel & Sandy Gulch				12.00	08/16/2011 08/16/2011	Clay Thomas

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
61	Hwy 32	Up	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	39.741190 ° -121.881380 °	Y	61
62		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.741190 ° -121.881380 °		62
63		Up	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	39.741190 ° -121.881380 °		63
64		Up	Revetments		N	Inspector Comments: This item does not apply to this inspection.	39.741190 ° -121.881380 °		64
65		Up	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.741190 ° -121.881380 °		65
66		Down	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	39.741190 ° -121.881380 °	Y	66
67		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.741190 ° -121.881380 °		67
68		Down	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	39.741190 ° -121.881380 °		68
69		Down	Revetments		N	Inspector Comments: This item does not apply to this inspection.	39.741190 ° -121.881380 °		69
70		Down	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.741190 ° -121.881380 °		70
71	Oak Ave.	Up	Vegetation & Obstructions		A	Inspector Comments: Scattered obstructions and vegetation.	39.735560 ° -121.890970 °		71
72		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.735560 ° -121.890970 °		72

*** Location**

LS : Land Side
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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

DWR Sutter Maintenance Yard

Channel	Channel Length	Inspection Start/End	Inspector
Lindo Channel & Sandy Gulch	12.00	08/16/2011 08/16/2011	Clay Thomas

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
73		Up	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	39.735560 ° -121.890970 °		73
74		Up	Revetments		M	Inspector Comments: Unable to see revetment, unwanted vegetation must be cleared and sprayed with an appropriate herbicide.	39.735560 ° -121.890970 °	Y	74
75		Up	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.735560 ° -121.890970 °		75
76		Down	Vegetation & Obstructions		A	Inspector Comments: scattered obstructions and vegetation.	39.735560 ° -121.890970 °	Y	76
77		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.735560 ° -121.890970 °		77
78		Down	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	39.735560 ° -121.890970 °	Y	78
79		Down	Revetments		M	Inspector Comments: Unwanted vegetation must be cleared and sprayed with an appropriate herbicide.	39.735560 ° -121.890970 °	Y	79
80		Down	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.735560 ° -121.890970 °		80
81	Grape Way	Up	Vegetation & Obstructions		A	Inspector Comments: Scattered obstructions and vegetation.	39.722700 ° -121.912520 °		81
82		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.722700 ° -121.912520 °		82
83		Up	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	39.722700 ° -121.912520 °		83
84		Up	Revetments		M	Inspector Comments: Unable to see revetment, unwanted vegetation must be cleared and sprayed with an appropriate herbicide.	39.722700 ° -121.912520 °	Y	84

* 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
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

DWR Sutter Maintenance Yard

Channel	Channel Length	Inspection Start/End	Inspector
Lindo Channel & Sandy Gulch	12.00	08/16/2011 08/16/2011	Clay Thomas

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
85		Up	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.722700 ° -121.912520 °		85
86		Down	Vegetation & Obstructions		A	Inspector Comments: Scattered obstructions and vegetation.	39.722700 ° -121.912520 °		86
87		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.722700 ° -121.912520 °		87
88		Down	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	39.722700 ° -121.912520 °		88
89		Down	Revetments		M	Inspector Comments: Unable to see revetment, unwanted vegetation must be cleared and sprayed with an appropriate herbicide.	39.722700 ° -121.912520 °	Y	89
90		Down	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.722700 ° -121.912520 °		90

* 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
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

DWR Sutter Maintenance Yard

Channel	Channel Length	Inspection Start/End	Inspector
Lindo Channel & Sandy Gulch	12.00	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	Channels
Item	Vegetation & Obstructions
<p>This is a view of the upstream side of the Lindo Control Structure.</p>	
<p>cathom_c_20110825_039.jpg</p>	



Levee Mile Report Line	6
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>This view is of the downstream side of the control structure.</p>	
<p>cathom_c_20110825_040.jpg</p>	



Levee Mile Report Line	11
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>This view is looking up stream from Manzanita Avenue, new bridge is in place.</p>	
<p>cathom_c_20110829_041.jpg</p>	



<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
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

DWR Sutter Maintenance Yard

Channel	Channel Length	Inspection Start/End	Inspector
Lindo Channel & Sandy Gulch	12.00	08/16/2011 08/16/2011	Clay Thomas

Levee Mile Report Line	16
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>This view is looking down stream from Manzanita Avenue, note new bridge.</p>	
<p>cathom_c_20110829_042.jpg</p>	



Levee Mile Report Line	21
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>This view is looking up stream from the bike path bridge at the extension of Madrone Avenue.</p>	
<p>cathom_c_20110829_043.jpg</p>	



Levee Mile Report Line	26
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>This photo is looking down stream from the bike path at the extension of Madrone Avenue.</p>	
<p>cathom_c_20110829_044.jpg</p>	



<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
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

DWR Sutter Maintenance Yard

Channel	Channel Length	Inspection Start/End	Inspector
Lindo Channel & Sandy Gulch	12.00	08/16/2011 08/16/2011	Clay Thomas

Levee Mile Report Line	28
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Erosion / Bank Caving
<p>This photo shows some material movement on the downstream side of Madrone Ave.</p>	
<p>cathom_c_20110830_045.jpg</p>	



Levee Mile Report Line	31
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>This view is looking up stream from the bridge at Mariposa Avenue.</p>	
<p>cathom_c_20110830_046.jpg</p>	



Levee Mile Report Line	36
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>This photo is looking down stream from the Mariposa Avenue bridge.</p>	
<p>cathom_c_20110830_047.jpg</p>	



<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
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

DWR Sutter Maintenance Yard

Channel	Channel Length	Inspection Start/End	Inspector
Lindo Channel & Sandy Gulch	12.00	08/16/2011 08/16/2011	Clay Thomas

Levee Mile Report Line	41
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
This photo is looking upstream from 5th Ave.	
cathom_c_20110830_048.jpg	



Levee Mile Report Line	46
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
This photo is looking downstream from 5th Ave.	
cathom_c_20110830_049.jpg	



Levee Mile Report Line	51
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
This view is looking up stream from Esplanade Avenue bridge.	
cathom_c_20110830_050.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
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

DWR Sutter Maintenance Yard

Channel	Channel Length	Inspection Start/End	Inspector
Lindo Channel & Sandy Gulch	12.00	08/16/2011 08/16/2011	Clay Thomas

Levee Mile Report Line	56
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>This photo is looking down stream from Esplanade Avenue bridge.</p>	
<p>cathom_c_20110830_051.jpg</p>	



Levee Mile Report Line	61
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>This view is looking up stream from the Highway 32, Nord Avenue bridge.</p>	
<p>cathom_c_20110830_052.jpg</p>	



Levee Mile Report Line	66
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>This photo is looking down stream from Highway 32, Nord Avenue bridge.</p>	
<p>cathom_c_20110830_053.jpg</p>	



<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
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

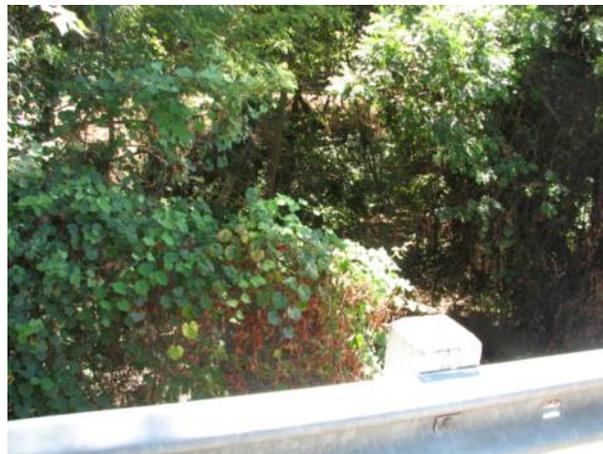
DWR Sutter Maintenance Yard

Channel	Channel Length	Inspection Start/End	Inspector
Lindo Channel & Sandy Gulch	12.00	08/16/2011 08/16/2011	Clay Thomas

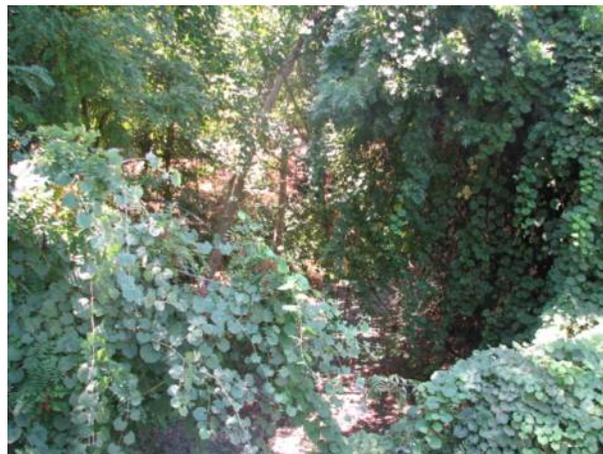
Levee Mile Report Line	74
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Revetments
Unwanted vegetation obstructs the channel, this photo is the upstream side of Oak Ave. bridge.	
cathom_c_20110830_055.jpg	



Levee Mile Report Line	76
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
This is a view of the channel from the downstream side of the Oak Ave. bridge.	
cathom_c_20110830_056.jpg	



Levee Mile Report Line	78
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Erosion / Bank Caving
Down stream at Oak Avenue.	
cathom_c_20110824_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
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

DWR Sutter Maintenance Yard

Channel	Channel Length	Inspection Start/End	Inspector
Lindo Channel & Sandy Gulch	12.00	08/16/2011 08/16/2011	Clay Thomas

Levee Mile Report Line	79
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Revetments
<p>This photo is looking at the channel from the downstream side of the Oak Ave. bridge.</p>	
<p>cathom_c_20110830_058.jpg</p>	



Levee Mile Report Line	84
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Revetments
<p>This photo is looking upstream at the channel from the Grape Way bridge. Vegetation obstructing the view should be removed.</p>	
<p>cathom_c_20110830_060.jpg</p>	



Levee Mile Report Line	89
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Revetments
<p>This view is looking downstream at the channel at the Grape Way bridge. Vegetation obstructing the view of revetment should be removed.</p>	
<p>cathom_c_20110830_062.jpg</p>	



<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
Unit Cover Sheet
2011 Channel Inspection Results

DWR Sutter Maintenance Yard

Channel
Little Chico Creek

Channel Rating	M *
Date of Inspection	8/17/2011
DWR Inspector	Clay Thomas
Accompanied By	

* Overall channel rating average is less than 0.2, however, U rated issues are present, so the overall rating is M instead of A.

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

DWR Sutter Maintenance Yard

Channel	Channel Length	Inspection Start/End	Inspector
Little Chico Creek	8.00	08/17/2011 08/17/2011	Clay Thomas

LMIR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
1	Little Chico Ck Control Stucture	Up	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions and vegetation. The flow is not impeded.	39.733890 ° -121.771940 °	Y	1
2		Up	Shoaling / Sedimentation		A	Inspector Comments: There is shoaling and sedimentation, the flow is not impeded.	39.733890 ° -121.771940 °		2
3		Up	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	39.733890 ° -121.771940 °		3
4		Up	Revetments		A	Inspector Comments: Unwanted vegetation needs to be removed.	39.733890 ° -121.771940 °		4
5		Up	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.733890 ° -121.771940 °		5
6		Down	Vegetation & Obstructions		A	Inspector Comments: Scattered obstructions and vegetation. The flow is not impeded.	39.733890 ° -121.771940 °	Y	6
7		Down	Shoaling / Sedimentation		A	Inspector Comments: There is shoaling and sedimentation, the flow is not impeded.	39.733890 ° -121.771940 °		7
8		Down	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	39.733890 ° -121.771940 °		8
9		Down	Revetments		A	Inspector Comments: Unwanted vegetation needs to be removed.	39.733890 ° -121.771940 °		9
10		Down	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.733890 ° -121.771940 °		10
11	Bruce Rd	Up	Vegetation & Obstructions		A	Inspector Comments: The vegetation obstructed the view of the channel. The flow does not appear impeded.	39.733020 ° -121.787580 °	Y	11
12		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed. The vegetation in the channel obstructed the view.	39.733020 ° -121.787580 °		12
13		Up	Erosion / Bank Caving		A	Inspector Comments: No erosion observed. Vegetation obstructed the view.	39.733020 ° -121.787580 °		13

*** 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
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

DWR Sutter Maintenance Yard

Channel				Channel Length	Inspection Start/End	Inspector
Little Chico Creek				8.00	08/17/2011 08/17/2011	Clay Thomas

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
14		Up	Revetments		U	Inspector Comments: Riprap was not observed, vegetation obstructed the view.	39.733020 ° -121.787580 °		14
15		Up	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions observed within the project easement area. The vegetation obstructed the view.	39.733020 ° -121.787580 °		15
16		Down	Vegetation & Obstructions		A	Inspector Comments: The vegetation obstructed the view of the channel. The flow does not appear impeded.	39.733020 ° -121.787580 °	Y	16
17		Down	Shoaling / Sedimentation		M	Inspector Comments: No shoaling or sedimentation observed. The vegetation in the channel obstructed the view.	39.733020 ° -121.787580 °		17
18		Down	Erosion / Bank Caving		A	Inspector Comments: No erosion observed. Vegetation obstructed the view.	39.733020 ° -121.787580 °		18
19		Down	Revetments		U	Inspector Comments: Riprap was not observed, vegetation obstructed the view.	39.733020 ° -121.787580 °		19
20		Down	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions observed within the project easement area. The vegetation obstructed the view.	39.733020 ° -121.787580 °		20
21	Forest Ave	Up	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions and vegetation. The flow does not appear impeded.	39.737400 ° -121.804530 °	Y	21
22		Up	Shoaling / Sedimentation		A	Inspector Comments: Shoaling or sedimentation present, the flow does not appear impeded.	39.737400 ° -121.804530 °		22
23		Up	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	39.737400 ° -121.804530 °		23
24		Up	Revetments		A	Inspector Comments: Riprap is visible and properly maintained.	39.737400 ° -121.804530 °		24
25		Up	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.737400 ° -121.804530 °		25

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

DWR Sutter Maintenance Yard

Channel				Channel Length	Inspection Start/End	Inspector
Little Chico Creek				8.00	08/17/2011 08/17/2011	Clay Thomas

LMI No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
26		Down	Vegetation & Obstructions		A	Inspector Comments: Scattered obstructions and vegetation. The flow does not appear impeded.	39.737400 ° -121.804530 °	Y	26
27		Down	Shoaling / Sedimentation		A	Inspector Comments: Shoaling or sedimentation present, the flow does not appear impeded.	39.737400 ° -121.804530 °		27
28		Down	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	39.737400 ° -121.804530 °		28
29		Down	Revetments		A	Inspector Comments: Riprap is visible and properly maintained.	39.737400 ° -121.804530 °		29
30		Down	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.737400 ° -121.804530 °		30
31	Repair site upstream of Hwy 99	Up	Vegetation & Obstructions		A	Inspector Comments: Scattered vegetation. The flow does not appear impeded.	39.735670 ° -121.814510 °	Y	31
32		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.735670 ° -121.814510 °		32
33		Up	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	39.735670 ° -121.814510 °		33
34		Up	Revetments		A	Inspector Comments: Riprap is visible and appears properly maintained.	39.735670 ° -121.814510 °		34
35		Up	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.735670 ° -121.814510 °		35
36		Down	Vegetation & Obstructions		A	Inspector Comments: There is vegetation in the channel, the flow does not appear impeded.	39.735670 ° -121.814510 °	Y	36
37		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.735670 ° -121.814510 °		37
38		Down	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	39.735670 ° -121.814510 °		38

*** Location**

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

DWR Sutter Maintenance Yard

Channel	Channel Length	Inspection Start/End	Inspector
Little Chico Creek	8.00	08/17/2011 08/17/2011	Clay Thomas

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
39		Down	Revetments		A	Inspector Comments: Riprap is visible and appears properly maintained.	39.735670 ° -121.814510 °		39
40		Down	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.735670 ° -121.814510 °		40
41	Boucher St	Up	Vegetation & Obstructions		A	Inspector Comments: There is vegetation in the channel and overhanging the channel, the flow does not appear impeded.	39.730240 ° -121.823800 °	Y	41
42		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.730240 ° -121.823800 °		42
43		Up	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	39.730240 ° -121.823800 °		43
44		Up	Revetments		N	Inspector Comments: There was no riprap observed at this site.	39.730240 ° -121.823800 °		44
45		Up	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.730240 ° -121.823800 °		45
46		Down	Vegetation & Obstructions		A	Inspector Comments: There is vegetation in the channel and overhanging the channel, the flow does not appear impeded.	39.730240 ° -121.823800 °	Y	46
47		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.730240 ° -121.823800 °		47
48		Down	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	39.730240 ° -121.823800 °		48
49		Down	Revetments		N	Inspector Comments: No riprap observed of this site.	39.730240 ° -121.823800 °		49
50		Down	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.730240 ° -121.823800 °		50

<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
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

DWR Sutter Maintenance Yard

Channel	Channel Length	Inspection Start/End	Inspector
Little Chico Creek	8.00	08/17/2011 08/17/2011	Clay Thomas

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
51	Olive St	Up	Vegetation & Obstructions		A	Inspector Comments: There is vegetation in the channel, it does not appear to impeded the flow.	39.726800 ° -121.829870 °	Y	51
52		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.726800 ° -121.829870 °		52
53		Up	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	39.726800 ° -121.829870 °		53
54		Up	Revetments		N	Inspector Comments: No riprap observed at this site.	39.726800 ° -121.829870 °		54
55		Up	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.726800 ° -121.829870 °		55
56		Down	Vegetation & Obstructions		A	Inspector Comments: There is vegetation in the channel, the flow does not appear impeded.	39.726800 ° -121.829870 °	Y	56
57		Down	Shoaling / Sedimentation		A	Inspector Comments: There is minimal sedimentation in the channel, the flow does not appear impeded.	39.726800 ° -121.829870 °		57
58		Down	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	39.726800 ° -121.829870 °		58
59		Down	Revetments		N	Inspector Comments: No riprap observed at this site.	39.726800 ° -121.829870 °		59
60		Down	Encroachments		A	Inspector Comments: There is a structure on the right bank of the channel, no permit found.	39.726800 ° -121.829870 °		60
61	Broadway St	Up	Vegetation & Obstructions		A	Inspector Comments: There is vegetation in the channel, the flow does not appear impeded.	39.724840 ° -121.833520 °	Y	61
62		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.724840 ° -121.833520 °		62
63		Up	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	39.724840 ° -121.833520 °		63
64		Up	Revetments		N	Inspector Comments: No riprap observed.	39.724840 ° -121.833520 °		64

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

DWR Sutter Maintenance Yard

Channel					Channel Length	Inspection Start/End	Inspector
Little Chico Creek					8.00	08/17/2011 08/17/2011	Clay Thomas

LMI No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
65		Up	Encroachments		A	Inspector Comments: No encroachments observed at this site.	39.724840 ° -121.833520 °		65
66		Down	Vegetation & Obstructions		A	Inspector Comments: There is vegetation in the channel, the flow does not appear impeded.	39.724840 ° -121.833520 °	Y	66
67		Down	Shoaling / Sedimentation		M	Inspector Comments: No shoaling observed at this site.	39.724840 ° -121.833520 °		67
68		Down	Erosion / Bank Caving		A	Inspector Comments: No erosion observed at this site.	39.724840 ° -121.833520 °		68
69		Down	Revetments		N	Inspector Comments: No riprap observed at this site.	39.724840 ° -121.833520 °		69
70		Down	Encroachments		A	Inspector Comments: No encroachments observed at this site.	39.724840 ° -121.833520 °		70
71	Lone Pine St	Up	Vegetation & Obstructions		A	Inspector Comments: There is vegetation in the channel, the flow does not appear impeded.	39.703260 ° -121.868470 °	Y	71
72		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling observed at this site.	39.703260 ° -121.868470 °		72
73		Up	Erosion / Bank Caving		A	Inspector Comments: No erosion observed at this site.	39.703260 ° -121.868470 °		73
74		Up	Revetments		N	Inspector Comments: No riprap observed at this site.	39.703260 ° -121.868470 °		74
75		Up	Encroachments		A	Inspector Comments: No encroachments observed at this site.	39.703260 ° -121.868470 °		75
76		Down	Vegetation & Obstructions		A	Inspector Comments: There is vegetation in the channel, the flow does not appear impeded.	39.703260 ° -121.868470 °	Y	76
77		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling observed at this site.	39.703260 ° -121.868470 °		77
78		Down	Erosion / Bank Caving		A	Inspector Comments: No erosion observed at this site.	39.703260 ° -121.868470 °		78
79		Down	Revetments		N	Inspector Comments: No riprap observed at this site.	39.703260 ° -121.868470 °		79

* 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
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

DWR Sutter Maintenance Yard

Channel	Channel Length	Inspection Start/End	Inspector
Little Chico Creek	8.00	08/17/2011 08/17/2011	Clay Thomas

LMR No.	Check Point	View	Item	Location *	Rating **	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
80			Down Encroachments		A	Inspector Comments: No encroachments observed at this site.	39.703260 ° -121.868470 °		80

<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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Channel Inspections**

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DWR Sutter Maintenance Yard

Channel	Channel Length	Inspection Start/End	Inspector
Little Chico Creek	8.00	08/17/2011 08/17/2011	Clay Thomas

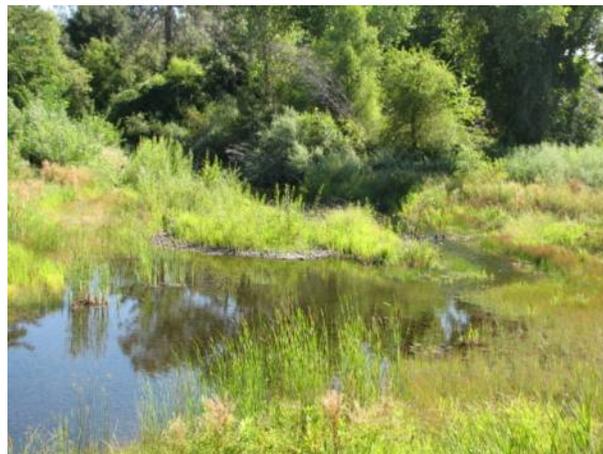
Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>This photo is looking upstream from the control structure near Stilson Road.</p>	
<p>cathom_c_20110831_075.jpg</p>	



Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>This photo is of the control structure.</p>	
<p>cathom_c_20110831_076.jpg</p>	



Levee Mile Report Line	6
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>This photo is looking downstream from the control structure.</p>	
<p>cathom_c_20110831_077.jpg</p>	



<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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Channel Inspections**

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Channel	Channel Length	Inspection Start/End	Inspector
Little Chico Creek	8.00	08/17/2011 08/17/2011	Clay Thomas

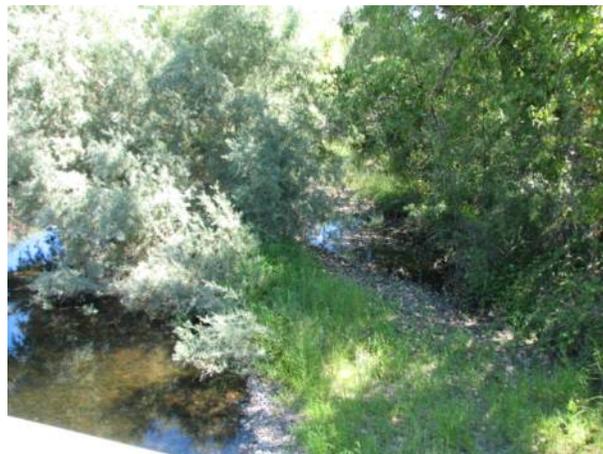
Levee Mile Report Line	11
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>This photo is looking upstream from Bruce Road bridge. Vegetation obstructed the view of the channel.</p>	
<p>cathom_c_20110901_078.jpg</p>	



Levee Mile Report Line	16
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>This photo is looking downstream from Bruce Road bridge. Vegetation obstructed the view of the channel.</p>	
<p>cathom_c_20110901_079.jpg</p>	



Levee Mile Report Line	21
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>This photo is looking upstream from Forrest Avenue bridge. Shoaling and vegetation in the channel.</p>	
<p>cathom_c_20110901_080.jpg</p>	



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**Flood Control Project Maintenance
Channel Inspections**

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Channel	Channel Length	Inspection Start/End	Inspector
Little Chico Creek	8.00	08/17/2011 08/17/2011	Clay Thomas

Levee Mile Report Line	26
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>This photo is looking downstream from Forrest Avenue bridge. Shoaling and vegetation in the channel.</p>	
<p>cathom_c_20110901_081.jpg</p>	



Levee Mile Report Line	31
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>This photo is looking up stream at the erosion repair site, up stream from Highway 99 on Humbolt Road. There is vegetation in the channel, the flow in the channel does not appear to be impeded.</p>	
<p>cathom_c_20110901_082.jpg</p>	



Levee Mile Report Line	36
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>This photo is looking downstream at the erosion repair site, down stream of Highway 99 on Humbolt Road. There is vegetation in the channel, the flow does not appear impeded.</p>	
<p>cathom_c_20110901_083.jpg</p>	



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Channel Inspections**

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Little Chico Creek	8.00	08/17/2011 08/17/2011	Clay Thomas

Levee Mile Report Line	41
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>This photo is looking upstream from Boucher Street bridge.</p>	
<p>cathom_c_20110901_084.jpg</p>	



Levee Mile Report Line	46
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>This photo is looking downstream from Boucher Street bridge.</p>	
<p>cathom_c_20110901_085.jpg</p>	



Levee Mile Report Line	51
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>This photo is looking upstream from Olive Street bridge.</p>	
<p>cathom_c_20110901_086.jpg</p>	



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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

DWR Sutter Maintenance Yard

Channel	Channel Length	Inspection Start/End	Inspector
Little Chico Creek	8.00	08/17/2011 08/17/2011	Clay Thomas

Levee Mile Report Line	56
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

This photo is looking downstream from the Olive Street bridge. There is an existing structure on the right bank of the channel.

cathom_c_20110901_087.jpg



Levee Mile Report Line	61
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

This photo is looking upstream from the Broadway St. bridge.

cathom_c_20110901_088.jpg



Levee Mile Report Line	66
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

This photo is looking downstream from Broadway St. bridge.

cathom_c_20110901_089.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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Little Chico Creek	8.00	08/17/2011 08/17/2011	Clay Thomas

Levee Mile Report Line	71
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
This photo is looking upstream from Lone Pine Avenue.	
cathom_c_20110901_090.jpg	



Levee Mile Report Line	76
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
This photo is looking upstream from Lone Pine Avenue.	
cathom_c_20110901_091.jpg	



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