

**Flood Control Project Maintenance
Levee Inspections**

2012 Channel Summary Report

Overall Unit and Item Ratings

Merced Streams Group

Bear Creek

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

Black Rascal Creek

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

Burns Creek

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

Mariposa Creek & Duck Slough

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

Miles Creek

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

Owens Creek

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

Flood Control Project Maintenance

Unit Cover Sheet

2012 Channel Inspection Results

Merced Streams Group

Channel
Bear Creek

Channel Rating	M
Date of Inspection	7/30/2012
DWR Inspector	Herman Phillips
Accompanied By	

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	07/30/2012 07/30/2012	Herman Phillips

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
1	Bonner Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	37.336900 ° -120.311100 °	Y	1
2		Up	Shoaling / Sedimentation		M	Inspector Comments: Tullies present on shoal and both banks.	37.336900 ° -120.311100 °		2
3		Up	Erosion / Bank Caving		A	Inspector Comments: Did not notice any erosion at this location during this inspection.	37.336900 ° -120.311100 °		3
4		Up	Revetments		N	Inspector Comments: No Rip rap on banks at this location.	37.336900 ° -120.311100 °		4
5		Up	Encroachments		A	Inspector Comments: No Encroachments at this location.	37.336900 ° -120.311100 °		5
6		Down	Vegetation & Obstructions		A	Inspector Comments: There is a little growth in the channel, flow is not diverted.	37.336900 ° -120.311100 °	Y	6
7		Down	Shoaling / Sedimentation		M	Inspector Comments: Non-aquatic grasses present on shoal. No trees or brush is present on shoal, and channel flow is not impeded.	37.336900 ° -120.311100 °		7
8		Down	Erosion / Bank Caving		M	Inspector Comments: The main channel here at this location is rather wide only the pilot channel has water about 300 yards from bridge crossing has some erosion to the left bank of channel.	37.336900 ° -120.311100 °		8
9		Down	Revetments		N	Inspector Comments: This item does not apply to this inspection.	37.336900 ° -120.311100 °		9
10		Down	Encroachments		A	Inspector Comments: No Encroachments at this location.	37.336900 ° -120.311100 °		10
11	Arboleda Dr	Up	Vegetation & Obstructions		M	Inspector Comments: There is vegetation building up on the right bank of the channel and some growth in the channel downstream of bridge crossing.	37.311970 ° -120.415350 °	Y	21
12		Up	Shoaling / Sedimentation		A		37.311970 ° -120.415350 °		22
13		Up	Erosion / Bank Caving		A	Inspector Comments: No erosion encroaching into the channel bank that would endanger the capacity of the channel was observed.	37.311970 ° -120.415350 °		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
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2012

Merced Streams Group

Channel				Channel Length	Inspection Start/End	Inspector
Bear Creek				21.00	07/30/2012 07/30/2012	Herman Phillips

LMI No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
14		Up	Revetments		N	Inspector Comments: No rip rap at this location that I could see during this inspection.	37.311970 ° -120.415350 °		24
15		Up	Encroachments		A	Inspector Comments: No Encroachments present.	37.311970 ° -120.415350 °		25
16		Down	Vegetation & Obstructions		M	Inspector Comments: Wild growth on both banks of the Bear Creek.	37.311970 ° -120.415350 °	Y	26
17		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.311970 ° -120.415350 °		27
18		Down	Erosion / Bank Caving		M	Inspector Comments: Unable to see banks due to wild growth.	37.311970 ° -120.415350 °		28
19		Down	Revetments		M	Inspector Comments: Dense brush prohibits view of banks, unable to see if any revetment at this location.	37.311970 ° -120.415350 °		29
20		Down	Encroachments		A	Inspector Comments: No encroachment noted at this location.	37.311970 ° -120.415350 °		30
21	Kibby Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Vegetation present on both banks.	37.312200 ° -120.415000 °	Y	31
22		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling at this location.	37.312200 ° -120.415000 °		32
23		Up	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	37.312200 ° -120.415000 °		33
24		Up	Revetments		N	Inspector Comments: This item does not apply to this inspection.	37.312200 ° -120.415000 °		34
25		Up	Encroachments		A	Inspector Comments: No Encroachment present at this location.	37.312200 ° -120.415000 °		35
26		Down	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	37.312200 ° -120.415000 °	Y	36
27		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.312200 ° -120.415000 °		37

*** 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 - 2012

Merced Streams Group

Channel		Channel Length	Inspection Start/End	Inspector
Bear Creek		21.00	07/30/2012 07/30/2012	Herman Phillips

LMR No.	Check Point	View	Item	Location *	Rating **	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
28		Down	Erosion / Bank Caving		U	Inspector Comments: Apparent head cutting and horizontal deviation of more than 1 foot from designed grade or cross section. Corrective actions required to stop or slow erosion.	37.312200 ° -120.415000 °	Y	38
29		Down	Revetments		U	Inspector Comments: In the area of erosion there was not enough revetment protecting the banks. Very little is shown in photo upstream of the damaged area.	37.312200 ° -120.415000 °		39
30		Down	Encroachments		A	Inspector Comments: No Encroachments at this location.	37.312200 ° -120.415000 °		40
31	McKee Rd	Up	Vegetation & Obstructions		A	Inspector Comments: There is an existence of vegetation present on both banks flow is not diverted.	37.309600 ° -120.444500 °	Y	41
32		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.309600 ° -120.444500 °		42
33		Up	Erosion / Bank Caving		U	Inspector Comments: Apparent head cutting and horizontal deviation of more than 1 foot from designed grade or cross section. Corrective actions required to stop or slow erosion.	37.309600 ° -120.444500 °	Y	43
34		Up	Revetments		N	Inspector Comments: This item does not apply to this inspection.	37.309600 ° -120.444500 °		44
35		Up	Encroachments		A	Inspector Comments: No Encroachments at this location.	37.309600 ° -120.444500 °		45
36		Down	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	37.309600 ° -120.444500 °	Y	46
37		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.309600 ° -120.444500 °		47
38		Down	Erosion / Bank Caving		U	Inspector Comments: Apparent head cutting and horizontal deviation of more than 1 foot from designed grade or cross section. Corrective actions required to stop or slow erosion.	37.309600 ° -120.444500 °	Y	48
39		Down	Revetments		M	Inspector Comments: There is very little Revetment at this location.	37.309600 ° -120.444500 °		49
40		Down	Encroachments		A	Inspector Comments: No Encroachments at this location.	37.309600 ° -120.444500 °		50

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	07/30/2012 07/30/2012	Herman Phillips

LMI No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
41	R St	Up	Vegetation & Obstructions		A	Inspector Comments: The channel is clear of vegetation no obstructions.	37.313400 ° -120.487500 °	Y	51
42		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.313400 ° -120.487500 °		52
43		Up	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	37.313400 ° -120.487500 °		53
44		Up	Revetments		N	Inspector Comments: There is no revetment at this location and is not needed.	37.313400 ° -120.487500 °		54
45		Up	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	37.313400 ° -120.487500 °		55
46		Down	Vegetation & Obstructions		A	Inspector Comments: No vegetation in the channel.	37.313400 ° -120.487500 °	Y	56
47		Down	Shoaling / Sedimentation		A		37.313400 ° -120.487500 °		57
48		Down	Erosion / Bank Caving		A		37.313400 ° -120.487500 °		58
49		Down	Revetments		A		37.313400 ° -120.487500 °		59
50		Down	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	37.313400 ° -120.487500 °		60
51	Franklin Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	37.311400 ° -120.541000 °	Y	61
52		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.311400 ° -120.541000 °		62
53		Up	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	37.311400 ° -120.541000 °		63
54		Up	Revetments		N	Inspector Comments: This item does not apply to this inspection.	37.311400 ° -120.541000 °		64

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2012

Merced Streams Group

Channel				Channel Length	Inspection Start/End	Inspector
Bear Creek				21.00	07/30/2012 07/30/2012	Herman Phillips

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
55		Up	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	37.311400 ° -120.541000 °		65
56		Down	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	37.311400 ° -120.541000 °	Y	66
57		Down	Shoaling / Sedimentation		M	Inspector Comments: Non-aquatic grasses present on shoal. No trees or brush is present on shoal, and channel flow is not impeded.	37.311400 ° -120.541000 °		67
58		Down	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	37.311400 ° -120.541000 °		68
59		Down	Revetments		N	Inspector Comments: There is no revetment at this location and is not needed.	37.311400 ° -120.541000 °		69
60		Down	Encroachments		A	Inspector Comments: No Encroachments.	37.311400 ° -120.541000 °		70
61	Hwy 140	Up	Vegetation & Obstructions		A	Inspector Comments: No vegetation present in channel at this location.	37.302500 ° -120.551500 °	Y	71
62		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.302500 ° -120.551500 °		72
63		Up	Erosion / Bank Caving		A	Inspector Comments: No erosion.	37.302500 ° -120.551500 °		73
64		Up	Revetments		N	Inspector Comments: There is no revetment at this location and is not needed.	37.302500 ° -120.551500 °		74
65		Up	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	37.302500 ° -120.551500 °		75
66		Down	Vegetation & Obstructions		M	Inspector Comments: Log jams, snags, vegetation growth (such as cat tails, bull rushes, bushes or saplings) or other obstructions block approximately 25% of the FCW.	37.302500 ° -120.551500 °	Y	76

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Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	07/30/2012 07/30/2012	Herman Phillips

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
67		Down	Shoaling / Sedimentation		M	Inspector Comments: Non-aquatic grasses present on shoal. No trees or brush is present on shoal, and channel flow is not impeded.	37.302500 ° -120.551500 °		77
68		Down	Erosion / Bank Caving		A		37.302500 ° -120.551500 °		78
69		Down	Revetments		N	Inspector Comments: There is no revetment at this location and is not needed.	37.302500 ° -120.551500 °		79
70		Down	Encroachments		A	Inspector Comments: No Encroachments.	37.302500 ° -120.551500 °		80
71	Buhach Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	37.291200 ° -120.577900 °	Y	81
72		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling.	37.291200 ° -120.577900 °		82
73		Up	Erosion / Bank Caving		A		37.291200 ° -120.577900 °		83
74		Up	Revetments		N	Inspector Comments: There is no revetment at this location and is not needed.	37.291200 ° -120.577900 °		84
75		Up	Encroachments		A	Inspector Comments: No Encroachment observed during this inspection.	37.291200 ° -120.577900 °		85
76		Down	Vegetation & Obstructions		M	Inspector Comments: Channel partially blocked by grasses and weeds.	37.291200 ° -120.577900 °	Y	86
77		Down	Shoaling / Sedimentation		M	Inspector Comments: Non-aquatic grasses present on shoal. No trees or brush is present on shoal, and channel flow is not impeded.	37.291200 ° -120.577900 °		87
78		Down	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	37.291200 ° -120.577900 °		88
79		Down	Revetments		N	Inspector Comments: There is no revetment at this location and is not needed.	37.291200 ° -120.577900 °		89
80		Down	Encroachments		A	Inspector Comments: No Encroachment at this location.	37.291200 ° -120.577900 °		90

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**Flood Control Project Maintenance
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Channel Inspection Report By Check Point and View Direction - 2012

Merced Streams Group

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Bear Creek	21.00	07/30/2012 07/30/2012	Herman Phillips

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
81	Dickerson Ferry Rd	Up	Vegetation & Obstructions		M	Inspector Comments: Vegetation heavy with bambo growth on left bank.	37.273000 ° -120.599700 °	Y	91
82		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.273000 ° -120.599700 °		92
83		Up	Erosion / Bank Caving		A	Inspector Comments: No erosion encroaching into the channel bank that would endanger the capacity of the channel was observed.	37.273000 ° -120.599700 °		93
84		Up	Revetments		N		37.273000 ° -120.599700 °		94
85		Up	Encroachments		A	Inspector Comments: No Encroachments at this location.	37.273000 ° -120.599700 °		95
86		Down	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	37.273000 ° -120.599700 °	Y	96
87		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.273000 ° -120.599700 °		97
88		Down	Erosion / Bank Caving		U	Inspector Comments: Erosion present downstream from bridge crossing left bank in the curve in view from bridge.	37.273000 ° -120.599700 °	Y	98
89		Down	Revetments		U		37.273000 ° -120.599700 °		99
90		Down	Encroachments		A	Inspector Comments: No Encroachments at this site.	37.273000 ° -120.599700 °		100
91	Bert Crane Rd	Up	Vegetation & Obstructions		A	Inspector Comments: No vegetation in channel at this crossing.	37.263000 ° -120.633300 °	Y	101
92		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.263000 ° -120.633300 °		102
93		Up	Erosion / Bank Caving		A	Inspector Comments: No erosion.	37.263000 ° -120.633300 °		103
94		Up	Revetments		N		37.263000 ° -120.633300 °		104
95		Up	Encroachments		A	Inspector Comments: No Encroachments at this location.	37.263000 ° -120.633300 °		105

<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 - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	07/30/2012 07/30/2012	Herman Phillips

LMR No.	Check Point	View	Item	Location *	Rating **	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
96		Down	Vegetation & Obstructions		A	Inspector Comments: There is no vegetation in channel that impedes the flow in channel.	37.263000 ° -120.633300 °	Y	106
97		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.263000 ° -120.633300 °		107
98		Down	Erosion / Bank Caving		A	Inspector Comments: No erosion encroaching into the channel bank that would endanger the capacity of the channel was observed.	37.263000 ° -120.633300 °		108
99		Down	Revetments		N	Inspector Comments: This item does not apply to this inspection.	37.263000 ° -120.633300 °		109
100		Down	Encroachments		A	Inspector Comments: No Encroachments at this location.	37.263000 ° -120.633300 °		110

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Bear Creek	21.00	07/30/2012 07/30/2012	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>Bear Creek looking upstream from the Bonner Road crossing. Photo taken 7-30-2012.</p> <p>phillips_c_20120828_165.jpg</p>	



Levee Mile Report Line	6
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>Bear Creek looking downstream from Bonner Road crossing. Photo taken 7-30-2012. Berries and other growth on left bank of the channel.</p> <p>phillips_c_20120828_166.jpg</p>	



Levee Mile Report Line	11
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>Bear Creek looking upstream from Arboleda Drive, very wide flood control channel. Brush build up on right bank, flow not impeded. Photo taken 7-30-2012.</p> <p>phillips_c_20120828_167.jpg</p>	



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Bear Creek	21.00	07/30/2012 07/30/2012	Herman Phillips

Levee Mile Report Line	16
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>Bear Creek looking downstream from Arboleda Drive crossing. Growth on both right and left bank. Photo taken 7-30-2012</p>	
<p>phillips_c_20120828_168.jpg</p>	



Levee Mile Report Line	21
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>Bear Creek looking upstream of Kibby Road, wild growth covers both banks. Photo taken 7-30-2012.</p>	
<p>phillips_c_20120828_169.jpg</p>	



Levee Mile Report Line	26
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>Bear Creek looking downstream from Kibby Rd crossing. Bambo covers right bank. Photo taken 7-30-2012.</p>	
<p>phillips_c_20120828_170.jpg</p>	



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Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	07/30/2012 07/30/2012	Herman Phillips

Levee Mile Report Line	28
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Erosion / Bank Caving
<p>Bear Creek severe erosion left bank downstream of bridge. 37.31190 -120.41511. Photo taken 7-30-2012.</p>	
<p>phillips_c_20120828_171.jpg</p>	



Levee Mile Report Line	31
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>Bear Creek looking upstream from McKee Rd. crossing. Brush covers both banks, flow not impeded. Photo taken 7-30-2012.</p>	
<p>phillips_c_20120828_172.jpg</p>	



Levee Mile Report Line	33
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Erosion / Bank Caving
<p>Erosion upstream from bridge right bank levee slope. This erosion was noted in the inspection 2011 Report. No change. 2012.</p>	
<p>phillips_c_20120830_175.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 - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	07/30/2012 07/30/2012	Herman Phillips

Levee Mile Report Line	36
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

Bear Creek looking downstream from McKee Rd. Vegetation present on left bank flow not impeded. Photo taken 7-30-2012.

phillips_c_20120830_176.jpg



Levee Mile Report Line	38
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Erosion / Bank Caving

Looking downstream from McKee Rd crossing erosion present on the right bank. This photo was taken 7-30-2012. This erosion hasn't change since last year.

phillips_c_20120611_053.jpg



Levee Mile Report Line	41
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

Bear Creek looking upstream from R St. crossing. Photo taken 7-30-2012.

phillips_c_20120830_178.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 - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	07/30/2012 07/30/2012	Herman Phillips

Levee Mile Report Line	46
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

Bear Creek looking downstream from R St. crossing Vegetation not blocking channel. Photo taken 7-30-2012.

phillips_c_20120830_179.jpg



Levee Mile Report Line	51
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

Bear Creek looking upstream from Franklin Rd crossing. Photo taken 7-30-2012.

phillips_c_20120830_180.jpg



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

Bear Creek looking downstream from Franklin Rd crossing. Photo taken 7-30-2012.

phillips_c_20120830_181.jpg



<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 - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	07/30/2012 07/30/2012	Herman Phillips

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

Bear Creek looking upstream from Hwy 140. Photo taken 7-30-2012.

phillips_c_20120830_182.jpg



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

Bear Creek looking downstream from Hwy 140. Photo taken 7-30-2012. Vegetation on banks and in channel.

phillips_c_20120830_183.jpg



Levee Mile Report Line	71
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

Bear Creek Looking upstream from Buhach Rd. Vegetation heavy on both banks. Photo taken 7-30-2012.

phillips_c_20120830_184.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 - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	07/30/2012 07/30/2012	Herman Phillips

Levee Mile Report Line	76
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>Bear Creek looking downstream from Buhach Rd. Photo taken 7-30-2012. Vegetation partially blocking creek.</p>	
<p>phillips_c_20120830_185.jpg</p>	



Levee Mile Report Line	81
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>Bear Creek looking upstream from Dickerson Ferry Rd. Photo taken 7-30-2012. Vegetation heavy growth of bambo on left bank.</p>	
<p>phillips_c_20120830_186.jpg</p>	



Levee Mile Report Line	86
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>Bear Creek looking downstream from Dickerson Ferry Rd. Photo taken 7-30-2012. Vegetation on both banks and in channel.</p>	
<p>phillips_c_20120830_187.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 - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	07/30/2012 07/30/2012	Herman Phillips

Levee Mile Report Line	88
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Erosion / Bank Caving
Bear Creek erosion present on soft bank viewed from bridge crossing. Photo taken 7-30-2012.	
phillips_c_20120830_188.jpg	



Levee Mile Report Line	91
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Bert Crane Rd. crossing the Bear Creek looking upstream at channel. Photo taken 7-30-2012	
phillips_c_20120611_064.jpg	



Levee Mile Report Line	96
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Bert Crane Rd. Crossing the Bear Creek looking downstream. Photo taken 7-30-2012	
phillips_c_20120611_065.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

2012 Channel Inspection Results

Merced Streams Group

Channel
Black Rascal Creek

Channel Rating	M
Date of Inspection	8/1/2012
DWR Inspector	Herman Phillips
Accompanied By	

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/01/2012 08/01/2012	Herman Phillips

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
1	Santa Fe Dr	Up	Vegetation & Obstructions		A	Inspector Comments: Vegetation present along both banks and in the channel. Vegetation present along left bank at bridge. 8-2012.	37.320720 ° -120.508760 °	Y	1
2		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation during this inspection. 8-2012.	37.320720 ° -120.508760 °		2
3		Up	Erosion / Bank Caving		A	Inspector Comments: Unable to see banks for erosion due to the presence of heavy growth.	37.320720 ° -120.508760 °		3
4		Up	Revetments		N	Inspector Comments: Unable to see revetment at this location.	37.320720 ° -120.508760 °		4
5		Up	Encroachments		M	Inspector Comments: There is trash in channel under bridge, there is a community of homeless living in the brush and under the bridge at this location.	37.320720 ° -120.508760 °		5
6		Down	Vegetation & Obstructions		A	Inspector Comments: Vegetation in the channel.	37.320720 ° -120.508760 °	Y	6
7		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling of sedimentation present.	37.320720 ° -120.508760 °		7
8		Down	Erosion / Bank Caving		A	Inspector Comments: No erosion present.	37.320720 ° -120.508760 °		8
9		Down	Revetments		N	Inspector Comments: Unable to see revetment.	37.320720 ° -120.508760 °		9
10		Down	Encroachments		A	Inspector Comments: No encroachments in the channel downstream from bridge visible during inspection 8-2012.	37.320720 ° -120.508760 °		10
11	Crocker Dam	Up	Vegetation & Obstructions		A	Inspector Comments: No vegetation.	37.312200 ° -120.533000 °	Y	11
12		Up	Shoaling / Sedimentation		A		37.312200 ° -120.533000 °		12
13		Up	Erosion / Bank Caving		A		37.312200 ° -120.533000 °		13
14		Up	Revetments		N	Inspector Comments: No revetment at this location.	37.312200 ° -120.533000 °		14
15		Up	Encroachments		A		37.312200 ° -120.533000 °		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
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/01/2012 08/01/2012	Herman Phillips

LMIR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
16		Down	Vegetation & Obstructions		M	Inspector Comments: Minor vegetation in the channel.	37.312200 ° -120.533000 °	Y	16
17		Down	Shoaling / Sedimentation		A		37.312200 ° -120.533000 °		17
18		Down	Erosion / Bank Caving		A		37.312200 ° -120.533000 °		18
19		Down	Revetments		A		37.312200 ° -120.533000 °		19
20		Down	Encroachments		A		37.312200 ° -120.533000 °		20
21	Franklin Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Minor vegetation in the channel. During the inspection 8-1-2012, there is growth on both banks but flow is not impeded.	37.314050 ° -120.541078 °	Y	21
22		Up	Shoaling / Sedimentation		A		37.314050 ° -120.541078 °		22
23		Up	Erosion / Bank Caving		A		37.314050 ° -120.541078 °		23
24		Up	Revetments		N	Inspector Comments: No revetment at this location.	37.314050 ° -120.541078 °		24
25		Up	Encroachments		A	Inspector Comments: No Encroachments present at this location.	37.314050 ° -120.541078 °		25
26		Down	Vegetation & Obstructions		M	Inspector Comments: Vegetation is present on both banks of the Black Rascal Creek. Bambo growth increased from last inspection.	37.314050 ° -120.541078 °	Y	26
27		Down	Shoaling / Sedimentation		M	Inspector Comments: Removal of non-aquatic grasses need to be removed from channel.	37.314050 ° -120.541078 °		27
28		Down	Erosion / Bank Caving		A		37.314050 ° -120.541078 °		28
29		Down	Revetments		N	Inspector Comments: No revetment at this location.	37.314050 ° -120.541078 °		29
30		Down	Encroachments		A	Inspector Comments: No Encroachments present at this location.	37.314050 ° -120.541078 °		30

* 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 - 2012

Merced Streams Group

Channel					Channel Length	Inspection Start/End	Inspector
Black Rascal Creek					6.00	08/01/2012 08/01/2012	Herman Phillips

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
31	Gurr Rd	Up	Vegetation & Obstructions		A		37.313110 ° -120.559070 °	Y	31
32		Up	Shoaling / Sedimentation		A		37.313110 ° -120.559070 °		32
33		Up	Revetments		N	Inspector Comments: No revetment at this location.	37.313110 ° -120.559070 °		34
34		Up	Encroachments		A		37.313110 ° -120.559070 °		35
35		Down	Vegetation & Obstructions		M	Inspector Comments: Vegetation on both banks.	37.313110 ° -120.559070 °	Y	36
36		Down	Shoaling / Sedimentation		A		37.313110 ° -120.559070 °		37
37		Down	Erosion / Bank Caving		A	Inspector Comments: No erosion upstream.	37.313110 ° -120.559070 °		33
38		Down	Erosion / Bank Caving		M	Inspector Comments: No erosion could be seen due to vegetation.	37.313110 ° -120.559070 °		38
39		Down	Revetments		N	Inspector Comments: No revetment at this location.	37.313110 ° -120.559070 °		39
40		Down	Encroachments		A		37.313110 ° -120.559070 °		40
41	Hwy 140	Up	Vegetation & Obstructions		M	Inspector Comments: Vegetation present on both banks, flow is not impeded. 8-1-2012.	37.302400 ° -120.575460 °	Y	41
42		Up	Shoaling / Sedimentation		M	Inspector Comments: Could not verify due to vegetation.	37.302400 ° -120.575460 °		42
43		Up	Erosion / Bank Caving		M	Inspector Comments: Minor erosion at bridge should be monitored. Site not changed 8-2012.	37.302400 ° -120.575460 °		43
44		Up	Revetments		N	Inspector Comments: No revetment at this location.	37.302400 ° -120.575460 °		44
45		Up	Encroachments		A		37.302400 ° -120.575460 °		45
46		Down	Vegetation & Obstructions		M	Inspector Comments: Vegetation in the channel along both banks. The flow is not impeded. Photo taken 8-1-2012	37.302400 ° -120.575460 °	Y	46

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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N : Not Inspected, see Inspector Comment
C : Corrected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2012

Merced Streams Group

Channel				Channel Length	Inspection Start/End	Inspector
Black Rascal Creek				6.00	08/01/2012 08/01/2012	Herman Phillips

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
47		Down	Shoaling / Sedimentation		A		37.302400 ° -120.575460 °		47
48		Down	Erosion / Bank Caving		M	Inspector Comments: Erosion present on the downstream left bank side of channel. Erosion has not been repaired since last inspection.	37.302400 ° -120.575460 °		48
49		Down	Revetments		N	Inspector Comments: No revetment at this location.	37.302400 ° -120.575460 °		49
50		Down	Encroachments		M	Inspector Comments: No encroachments.	37.302400 ° -120.575460 °		50
51	Quinley Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Growth on both channels flow is not impeded.	37.293797 ° -120.596922 °	Y	51
52		Up	Shoaling / Sedimentation		A		37.293797 ° -120.596922 °		52
53		Up	Erosion / Bank Caving		A	Inspector Comments: No erosion present at this location.	37.293797 ° -120.596922 °		53
54		Up	Encroachments		A	Inspector Comments: No encroachments.	37.293797 ° -120.596922 °		55
55		Down	Vegetation & Obstructions		M	Inspector Comments: Vegetation present in channel downstream from bridge crossing.	37.293797 ° -120.596922 °	Y	56
56		Down	Shoaling / Sedimentation		U	Inspector Comments: No shoals present, partial earthen dam.	37.293797 ° -120.596922 °		57
57		Down	Erosion / Bank Caving		M	Inspector Comments: Erosion can be seen on left bank caused by the earthen dam redirecting the downstream flow seen in the photo.	37.293797 ° -120.596922 °		58
58		Down	Revetments		N		37.293797 ° -120.596922 °		54
59		Down	Revetments		M	Inspector Comments: There is no engineered rip rap placement on banks, there is scattered rock visible downstream.	37.293797 ° -120.596922 °		59
60		Down	Encroachments		U	Inspector Comments: There is an earthen dam on the downstream side of the bridge crossing that is blocking 70% of the channel.	37.293797 ° -120.596922 °		60

*** Location**

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C : Corrected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2012

Merced Streams Group

Channel				Channel Length	Inspection Start/End	Inspector
Black Rascal Creek				6.00	08/01/2012 08/01/2012	Herman Phillips

LIR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
61	Oak Ave	Up	Vegetation & Obstructions		M	Inspector Comments: Vegetation present on left bank willow trees and bambo.	37.280330 ° -120.609400 °	Y	61
62		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling at this location.	37.280330 ° -120.609400 °		62
63		Up	Erosion / Bank Caving		A	Inspector Comments: No erosion present.	37.280330 ° -120.609400 °		63
64		Up	Revetments		N	Inspector Comments: No revetment at this location.	37.280330 ° -120.609400 °		64
65		Up	Encroachments		A	Inspector Comments: No encroachments.	37.280330 ° -120.609400 °		65
66		Down	Vegetation & Obstructions		M	Inspector Comments: Brush present on right bank.	37.280330 ° -120.609400 °	Y	66
67		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling present.	37.280330 ° -120.609400 °		67
68		Down	Erosion / Bank Caving		M	Inspector Comments: Erosion downstream left bank of Black Rascal Creek off Oak Avenue road crossing.	37.280330 ° -120.609400 °		68
69		Down	Revetments		N	Inspector Comments: There is no riprap on either bank up stream nor downstream from this crossing.	37.280330 ° -120.609400 °		69
70		Down	Encroachments		U	Inspector Comments: Fire wood and earthen materials creating a partial dam downstream of bridge diverting water.	37.280330 ° -120.609400 °	Y	70
71	Bear Creek Confluence	Up	Vegetation & Obstructions		M	Inspector Comments: Vegetation present on both banks flow not impeded.	37.268311 ° -120.624111 °	Y	71
72		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling nor sedimentation present.	37.268311 ° -120.624111 °		72
73		Up	Erosion / Bank Caving		A		37.268311 ° -120.624111 °		73
74		Up	Revetments		N	Inspector Comments: No revetment at this location.	37.268311 ° -120.624111 °		74
75		Up	Encroachments		A	Inspector Comments: No Encroachments noted during the inspection.	37.268311 ° -120.624111 °		75

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

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N : Not Inspected, see Inspector Comment
C : Corrected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2012

Merced Streams Group

Channel				Channel Length	Inspection Start/End	Inspector
Black Rascal Creek				6.00	08/01/2012 08/01/2012	Herman Phillips

LMR No.	Check Point	View	Item	Location *	Rating **	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
76		Down	Vegetation & Obstructions		A	Inspector Comments: Channel had good flow, not obstructed.	37.268311 ° -120.624111 °	Y	76
77		Down	Shoaling / Sedimentation		A		37.268311 ° -120.624111 °		77
78		Down	Erosion / Bank Caving		A		37.268311 ° -120.624111 °		78
79		Down	Revetments		N	Inspector Comments: No Revetment at this location.	37.268311 ° -120.624111 °		79
80		Down	Encroachments		A	Inspector Comments: No Encroachments noted during this inspection.	37.268311 ° -120.624111 °		80

*** 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 - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/01/2012 08/01/2012	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Black Rascal Creek from Santa Fe Drive looking upstream. Photo taken 8-1-2012.	
phillips_c_20120816_128.jpg	



Levee Mile Report Line	6
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Black Rascal Creek from Santa Fe Drive looking downstream. Photo taken 8-1-2012.	
phillips_c_20120816_129.jpg	



Levee Mile Report Line	11
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Black Rascal from structure crossing looking upstream. Photo taken 8-1-2012.	
phillips_c_20120816_130.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 - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/01/2012 08/01/2012	Herman Phillips

Levee Mile Report Line	16
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>Black Rascal looking downstream from crossing, bambo present in channel and both banks. Photo taken 8-01-2012.</p>	
<p>phillips_c_20120816_131.jpg</p>	



Levee Mile Report Line	21
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>Black Rascal Creek looking upstream from Franklin Rd. crossing. Photo taken 8-1-2012.</p>	
<p>phillips_c_20120816_132.jpg</p>	



Levee Mile Report Line	26
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>Black Rascal Creek from Franklin Road crossing. Photo taken 8-1-2012.</p>	
<p>phillips_c_20120817_133.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 - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/01/2012 08/01/2012	Herman Phillips

Levee Mile Report Line	31
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Black Rascal Creek from Gurr Road crossing looking upstream. Photo taken 8-1-2012.	
phillips_c_20120817_134.jpg	



Levee Mile Report Line	35
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Black Rascal Creek from Gurr Road looking downstream. Photo taken 8-1-2012.	
phillips_c_20120817_135.jpg	



Levee Mile Report Line	41
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Black Rascal Creek from Hwy. 140 looking upstream. Photo taken 8-1-2012.	
phillips_c_20120817_136.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 - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/01/2012 08/01/2012	Herman Phillips

Levee Mile Report Line	46
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Black Rascal Creek looking downstream from Hwy 140. Photo taken 8-1-2012.	
phillips_c_20120817_137.jpg	



Levee Mile Report Line	51
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Black Rascal Creek from Quinley Rd. Photo taken 8-1-2012.	
phillips_c_20120817_138.jpg	



Levee Mile Report Line	55
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Black Rascal Creek looking downstream from Quinley Rd. Right on left banks there is a ramp creating a earthen dam. Photo taken 8-1-2012.	
phillips_c_20120817_139.jpg	



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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/01/2012 08/01/2012	Herman Phillips

Levee Mile Report Line	61
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>Black Rascal Creek from Oak Ave looking upstream from bridge. Vegetation present on right bank soed not block flowage. Photo taken 8-1-2012</p>	
<p>phillips_c_20120821_140.jpg</p>	



Levee Mile Report Line	66
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>Black Rascal Creek looking downstream from Oak Ave. bridge. Vegetation present on right bank flow is not impeded. Photo taken 8-1-2012.</p>	
<p>phillips_c_20120821_141.jpg</p>	



Levee Mile Report Line	70
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Encroachments
<p>Black Rascal Creek looking downstream from Oak Ave. bridge crossing fire wood dumped in channel along with material causing the channel to divert. Photo taken 8-1-2012.</p>	
<p>phillips_c_20120830_177.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 - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/01/2012 08/01/2012	Herman Phillips

Levee Mile Report Line	71
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Looking upstream at the confluence of the Bear Creek merging into the Black Rascal Creek. Photo taken 8-1-2012.	
phillips_c_20120822_142.jpg	



Levee Mile Report Line	76
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Looking downstream at Black Rascal Creek down from the confluence. 8-1-2012	
phillips_c_20120611_086.jpg	



*** Location**

LS : Land Side
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C : Corrected

Flood Control Project Maintenance

Unit Cover Sheet

2012 Channel Inspection Results

Merced Streams Group

Channel
Burns Creek

Channel Rating	A
Date of Inspection	7/30/2012
DWR Inspector	Herman Phillips
Accompanied By	

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2012

Merced Streams Group

Channel				Channel Length	Inspection Start/End	Inspector
Burns Creek				2.00	07/30/2012 07/30/2012	Herman Phillips

LMR No.	Check Point	View	Item	Location *	Rating **	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
1	Low Water Crossing	Up	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	37.349986 ° -120.305342 °	Y	11
2		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.349986 ° -120.305342 °		12
3		Up	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	37.349986 ° -120.305342 °		13
4		Up	Revetments		N	Inspector Comments: This item does not apply to this inspection.	37.349986 ° -120.305342 °		14
5		Up	Encroachments		A	Inspector Comments: No Encroachments.	37.349986 ° -120.305342 °		15
6		Down	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	37.349986 ° -120.305342 °	Y	16
7		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present at this location.	37.349986 ° -120.305342 °		17
8		Down	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	37.349986 ° -120.305342 °		18
9		Down	Revetments		N	Inspector Comments: This item does not apply to this inspection.	37.349986 ° -120.305342 °		19
10		Down	Encroachments		A	Inspector Comments: No Encroachments.	37.349986 ° -120.305342 °		20

*** 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 - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Burns Creek	2.00	07/30/2012 07/30/2012	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Burns Creek looking upstream. Photo taken 7-30-2012.	
phillips_c_20120828_173.jpg	



Levee Mile Report Line	6
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Burns Creek looking downstream just above the confluence of Bear Creek. Photo taken 7-30-2012.	
phillips_c_20120828_174.jpg	



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Flood Control Project Maintenance

Unit Cover Sheet

2012 Channel Inspection Results

Merced Streams Group

Channel
Mariposa Creek & Duck Slough

Channel Rating	M
Date of Inspection	7/30/2012
DWR Inspector	Herman Phillips
Accompanied By	

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2012

Merced Streams Group

Channel				Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough				16.00	07/30/2012 07/30/2012	Herman Phillips

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
1	White Rock Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	37.261425 ° -120.198078 °	Y	1
2		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.261425 ° -120.198078 °		2
3		Up	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	37.261425 ° -120.198078 °		3
4		Up	Revetments		N	Inspector Comments: This item does not apply to this inspection.	37.261425 ° -120.198078 °		4
5		Up	Encroachments		A	Inspector Comments: No Encroachments.	37.261425 ° -120.198078 °		5
6		Down	Vegetation & Obstructions		A	Inspector Comments: No problems with vegetation.	37.261425 ° -120.198078 °	Y	6
7		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.261425 ° -120.198078 °		7
8		Down	Erosion / Bank Caving		A	Inspector Comments: No erosion encroaching into the channel bank that would endanger the capacity of the channel was observed.	37.261425 ° -120.198078 °		8
9		Down	Revetments		N	Inspector Comments: This item does not apply to this inspection.	37.261425 ° -120.198078 °		9
10		Down	Encroachments		A	Inspector Comments: No Encroachments.	37.261425 ° -120.198078 °		10
11	Fresno Rd	Up	Vegetation & Obstructions		M	Inspector Comments: Some vegetation in channel upstream from bridge crossing need to be removed.	37.238030 ° -120.243520 °	Y	11
12		Up	Shoaling / Sedimentation		M	Inspector Comments: Non-aquatic grasses present on shoal along with trees and brush.	37.238030 ° -120.243520 °		12
13		Up	Erosion / Bank Caving		A	Inspector Comments: No erosion.	37.238030 ° -120.243520 °		13
14		Up	Revetments		N	Inspector Comments: No revetment present.	37.238030 ° -120.243520 °		14
15		Up	Encroachments		A	Inspector Comments: No encroachments.	37.238030 ° -120.243520 °		15

*** 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 - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	07/30/2012 07/30/2012	Herman Phillips

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
16		Down	Vegetation & Obstructions		U	Inspector Comments: Vegetation present in channel.	37.238030 ° -120.243520 °	Y	16
17		Down	Shoaling / Sedimentation		U	Inspector Comments: Shoaling is well established, stabilized by trees, brush or other vegetation. Shoals are diverting flow to channel bank causing bank erosion and undercutting.	37.238030 ° -120.243520 °		17
18		Down	Erosion / Bank Caving		A	Inspector Comments: No erosion.	37.238030 ° -120.243520 °		18
19		Down	Revetments		N	Inspector Comments: There is no revetment at this location and is not needed.	37.238030 ° -120.243520 °		19
20		Down	Encroachments		A	Inspector Comments: No encroachments	37.238030 ° -120.243520 °		20
21	Cunningham Rd	Up	Vegetation & Obstructions		M	Inspector Comments: Vegetation in channel.	37.238920 ° -120.252550 °	Y	21
22		Up	Shoaling / Sedimentation		U	Inspector Comments: Shoaling is well established, stabilized by trees, brush or other vegetation. Shoals are diverting flow to channel	37.238920 ° -120.252550 °		22
23		Up	Erosion / Bank Caving		A	Inspector Comments: No erosion.	37.238920 ° -120.252550 °		23
24		Up	Revetments		N	Inspector Comments: There is no revetment at this location and is not needed.	37.238920 ° -120.252550 °		24
25		Up	Encroachments		A	Inspector Comments: No Encroachments.	37.238920 ° -120.252550 °		25
26		Down	Vegetation & Obstructions		A	Inspector Comments: No vegetation.	37.238920 ° -120.252550 °	Y	26
27		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.238920 ° -120.252550 °		27
28		Down	Erosion / Bank Caving		A	Inspector Comments: No erosion present.	37.238920 ° -120.252550 °		28
29		Down	Revetments		N	Inspector Comments: There is no revetment at this location and is not needed.	37.238920 ° -120.252550 °		29
30		Down	Encroachments		A	Inspector Comments: No Encroachments.	37.238920 ° -120.252550 °		30

* 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 - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	07/30/2012 07/30/2012	Herman Phillips

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
31	RR Bridge near Santa Fe Dr	Up	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	37.239220 ° -120.259020 °	Y	31
32		Up	Shoaling / Sedimentation		M	Inspector Comments: Non-aquatic grasses present on shoal. No trees or brush is present on shoal, and channel flow is not impeded.	37.239220 ° -120.259020 °		32
33		Up	Erosion / Bank Caving		A	Inspector Comments: No erosion present.	37.239220 ° -120.259020 °		33
34		Up	Revetments		N	Inspector Comments: There is no revetment at this location and is not needed.	37.239220 ° -120.259020 °		34
35		Up	Encroachments		A	Inspector Comments: No Encroachments.	37.239220 ° -120.259020 °		35
36		Down	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	37.239220 ° -120.259020 °	Y	36
37		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling at this site.	37.239220 ° -120.259020 °		37
38		Down	Erosion / Bank Caving		A	Inspector Comments: No erosion.	37.239220 ° -120.259020 °		38
39		Down	Revetments		N	Inspector Comments: There is no revetment at this location and is not needed.	37.239220 ° -120.259020 °		39
40		Down	Encroachments		A	Inspector Comments: No Encroachments.	37.239220 ° -120.259020 °		40
41	Burchell Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions of vegetation present. The flow is not impeded.	37.257610 ° -120.288730 °	Y	41
42		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.257610 ° -120.288730 °		42
43		Up	Erosion / Bank Caving		A	Inspector Comments: There is no erosion on slopes.	37.257610 ° -120.288730 °		43
44		Up	Revetments		N	Inspector Comments: No Revetments.	37.257610 ° -120.288730 °		44
45		Up	Encroachments		A	Inspector Comments: No Encroachments.	37.257610 ° -120.288730 °		45

* 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 - 2012

Merced Streams Group

Channel				Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough				16.00	07/30/2012 07/30/2012	Herman Phillips

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
46		Down	Vegetation & Obstructions		A	Inspector Comments: No vegetation problems.	37.257610 ° -120.288730 °	Y	46
47		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.257610 ° -120.288730 °		47
48		Down	Erosion / Bank Caving		M	Inspector Comments: Erosion leftbank downstream from Bruchell Rd bridge crossing.	37.257610 ° -120.288730 °	Y	48
49		Down	Revetments		N	Inspector Comments: There is no revetment at this location and is not needed.	37.257610 ° -120.288730 °		49
50		Down	Encroachments		A	Inspector Comments: No Encroachments.	37.257610 ° -120.288730 °		50
51	Plainsburg Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	37.258340 ° -120.324970 °	Y	51
52		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.258340 ° -120.324970 °		52
53		Up	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	37.258340 ° -120.324970 °		53
54		Up	Revetments		N	Inspector Comments: There is no revetment at this location and is not needed.	37.258340 ° -120.324970 °		54
55		Up	Encroachments		A	Inspector Comments: No Encroachments.	37.258340 ° -120.324970 °		55
56		Down	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	37.258340 ° -120.324970 °	Y	56
57		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.258340 ° -120.324970 °		57
58		Down	Erosion / Bank Caving		A	Inspector Comments: No erosion encroaching into the channel bank that would endanger the capacity of the channel was observed.	37.258340 ° -120.324970 °		58
59		Down	Revetments		N	Inspector Comments: There is no revetment at this location and is not needed.	37.258340 ° -120.324970 °		59

*** Location**

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2012

Merced Streams Group

Channel				Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough				16.00	07/30/2012 07/30/2012	Herman Phillips

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
60		Down	Encroachments		A	Inspector Comments: No Encroachments.	37.258340 ° -120.324970 °		60
61	Whealan Rd	Up	Vegetation & Obstructions		M	Inspector Comments: Log jams, snags, vegetation growth (such as cat tails, bull rushes, bushes or saplings) or other obstructions block approximately 25% of the FCW.	37.261540 ° -120.343200 °	Y	61
62		Up	Shoaling / Sedimentation		U	Inspector Comments: No shoaling or sedimentation present.	37.261540 ° -120.343200 °		62
63		Up	Erosion / Bank Caving		A	Inspector Comments: No Erosion.	37.261540 ° -120.343200 °		63
64		Up	Revetments		N	Inspector Comments: There is no revetment at this location.	37.261540 ° -120.343200 °		64
65		Up	Encroachments		A	Inspector Comments: No Encroachments present.	37.261540 ° -120.343200 °		65
66		Down	Vegetation & Obstructions		M	Inspector Comments: Log jams, snags, vegetation growth (such as cat tails, bull rushes, bushes or saplings) or other obstructions block approximately 25% of the FCW.	37.261540 ° -120.343200 °	Y	66
67		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling .	37.261540 ° -120.343200 °		67
68		Down	Erosion / Bank Caving		A	Inspector Comments: No erosion encroaching into the channel bank that would endanger the capacity of the channel was observed.	37.261540 ° -120.343200 °		68
69		Down	Revetments		N	Inspector Comments: There is no revetment at this location and is not needed.	37.261540 ° -120.343200 °		69
70		Down	Encroachments		A	Inspector Comments: No Encroachments.	37.261540 ° -120.343200 °		70
71	Arboleda Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	37.257036 ° -120.379219 °	Y	71
72		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.257036 ° -120.379219 °		72
73		Up	Erosion / Bank Caving		A	Inspector Comments: No erosion encroaching into the channel bank that would endanger the capacity of the channel was observed.	37.257036 ° -120.379219 °		73

*** Location**

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WS : Water Side
CR : Crown

**** Rating**

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PO : Partially Obstructing
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N : Not Inspected, see Inspector Comment
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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	07/30/2012 07/30/2012	Herman Phillips

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
74		Up	Revetments		N	Inspector Comments: No revetment at this site.	37.257036 ° -120.379219 °		74
75		Up	Encroachments		A	Inspector Comments: No Encroachments.	37.257036 ° -120.379219 °		75
76		Down	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	37.257036 ° -120.379219 °	Y	76
77		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.257036 ° -120.379219 °		77
78		Down	Erosion / Bank Caving		U	Inspector Comments: Erosion encroaching into the channel bank more than 1 foot into the designed grade or cross section was observed. Corrective actions required to stop or slow erosion.	37.257036 ° -120.379219 °	Y	78
79		Down	Revetments		M	Inspector Comments: There is no revetment at this site.	37.257036 ° -120.379219 °		79
80		Down	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	37.257036 ° -120.379219 °		80
81	Healy Rd	Up	Vegetation & Obstructions		M	Inspector Comments: Vegetation present on both banks and in channel.	37.246180 ° -120.434130 °	Y	81
82		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.246180 ° -120.434130 °		82
83		Up	Erosion / Bank Caving		M	Inspector Comments: You can't see the banks at this location to see if any erosion is present or not. Visibility is prohibited by wild growth.	37.246180 ° -120.434130 °		83
84		Up	Revetments		N	Inspector Comments: There is no revetment at this location and is not needed.	37.246180 ° -120.434130 °		84
85		Up	Encroachments		A	Inspector Comments: No Encroachments.	37.246180 ° -120.434130 °		85
86		Down	Vegetation & Obstructions		M	Inspector Comments: Log jams, snags, vegetation growth (such as cat tails, bull rushes, bushes or saplings) or other obstructions block approximately 25% of the capacity.	37.246180 ° -120.434130 °	Y	86

* 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 - 2012

Merced Streams Group

Channel				Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough				16.00	07/30/2012 07/30/2012	Herman Phillips

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
87		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.246180 ° -120.434130 °		87
88		Down	Erosion / Bank Caving		A	Inspector Comments: No erosion encroaching into the channel bank that would endanger the capacity of the channel was observed.	37.246180 ° -120.434130 °		88
89		Down	Revetments		N	Inspector Comments: There is no revetment at this location and is not needed.	37.246180 ° -120.434130 °		89
90		Down	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	37.246180 ° -120.434130 °		90
91	Hwy 59	Up	Vegetation & Obstructions		M	Inspector Comments: Log jams, snags, vegetation growth (such as cat tails, bull rushes, bushes or saplings) or other obstructions block approximately 25% of the capacity.	37.233961 ° -120.487872 °	Y	91
92		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.233961 ° -120.487872 °		92
93		Up	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	37.233961 ° -120.487872 °		93
94		Up	Revetments		N	Inspector Comments: There is no revetment at this location and is not needed.	37.233961 ° -120.487872 °		94
95		Up	Encroachments		A	Inspector Comments: No Encroachments at this location.	37.233961 ° -120.487872 °		95
96		Down	Vegetation & Obstructions		U	Inspector Comments: Log jams, snags, vegetation growth (such as cat tails, bull rushes, bushes or saplings) or other obstructions block approximately 50% of the capacity.	37.233961 ° -120.487872 °	Y	96
97		Down	Shoaling / Sedimentation		M	Inspector Comments: Non-aquatic grasses present on shoal, trees and other brush present, this could cause problem with flow downstream.	37.233961 ° -120.487872 °		97
98		Down	Erosion / Bank Caving		U	Inspector Comments: Unable to note erosion due to overgrowth.	37.233961 ° -120.487872 °		98

*** 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 - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	07/30/2012 07/30/2012	Herman Phillips

LMR No.	Check Point	View	Item	Location *	Rating **	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
99			Down Revetments		N	Inspector Comments: There is no revetment at this location and is not needed.	37.233961 ° -120.487872 °		99
100			Down Encroachments		A	Inspector Comments: No Encroachments at this location.	37.233961 ° -120.487872 °		100

<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 - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	07/30/2012 07/30/2012	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Mariposa Creek looking upstream from White Rock Road. Photo taken 7-26-2012.	
phillips_c_20120904_189.jpg	



Levee Mile Report Line	6
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Mariposa Creek looking downstream from White Rock. Photo taken 7-26-2012.	
phillips_c_20120904_190.jpg	



Levee Mile Report Line	11
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Mariposa Creek looking upstream from Fresno Road, channel overgrown with vegetation. Photo taken 7-26-2012.	
phillips_c_20120904_191.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 - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	07/30/2012 07/30/2012	Herman Phillips

Levee Mile Report Line	16
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>Mariposa Creek looking downstream from Fresno Bridge crossing. Photo taken 7-26-2012. Channel overgrown.</p>	
<p>phillips_c_20120904_192.jpg</p>	



Levee Mile Report Line	21
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>Mariposa Creek looking upstream from Cunningham Road. Photo taken 7-26-2012.</p>	
<p>phillips_c_20120904_193.jpg</p>	



Levee Mile Report Line	26
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>Mariposa Creek looking downstream from Cunningham Road. Photo taken 7-26-2012.</p>	
<p>phillips_c_20120904_194.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 - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	07/30/2012 07/30/2012	Herman Phillips

Levee Mile Report Line	31
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>Mariposa Creek looking upstream at the RR Bridge crossing in view from Santa Fe Drive. Growth on right bank. Photo taken 7-26-2012.</p> <p>phillips_c_20120904_195.jpg</p>	



Levee Mile Report Line	36
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>Mariposa Creek looking dowastream from Santa Fe. Road. Photo taken 7-26-2012.</p> <p>phillips_c_20120904_196.jpg</p>	



Levee Mile Report Line	41
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>Mariposa Creek looking upstream from Brucell Rd. crossing. Right off to the left bottom view is the Black Rascal Creek entering Mariposa Creek. Photo taken 7-26-2012.</p> <p>phillips_c_20120904_197.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 - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	07/30/2012 07/30/2012	Herman Phillips

Levee Mile Report Line	46
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Mariposa Creek looking downstream from the Brushell Rd crossing. Photo taken 7-26-2012.	
phillips_c_20120904_198.jpg	



Levee Mile Report Line	48
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Erosion / Bank Caving
Mariposa Creek looking downstream from Bruchell Road, there is erosion on left bank down from bridge. Photo taken 7-26-2012.	
phillips_c_20120904_199.jpg	



Levee Mile Report Line	51
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Mariposa Creek looking upstream from Plainsburg Rd. Photo taken 7-26-2012.	
phillips_c_20120904_200.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 - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	07/30/2012 07/30/2012	Herman Phillips

Levee Mile Report Line	56
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Mariposa Creek looking downstream from Plainsburg Rd. Photo taken 7-26-2012.	
phillips_c_20120904_201.jpg	



Levee Mile Report Line	61
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Mariposa Creek looking upstream from Whealan Rd. Channel is overgrown with wild growth. Photo taken 7-26-2012.	
phillips_c_20120904_202.jpg	



Levee Mile Report Line	66
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Mariposa Creek looking downstream from Whealan Rd. Right bank and left bank overgrown channel being choked with growth. Photo taken 7-26-2012.	
phillips_c_20120904_203.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 - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	07/30/2012 07/30/2012	Herman Phillips

Levee Mile Report Line	71
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Mariposa Creek looking downstream from Arobelda Rd. Photo taken 7-26-2012.	
phillips_c_20120904_204.jpg	



Levee Mile Report Line	76
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Mariposa Creek looking downstream from Arboleda Rd. Photo taken 7-26-2012.	
phillips_c_20120904_205.jpg	



Levee Mile Report Line	78
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Erosion / Bank Caving
Mariposa Creek erosion on left bank, this erosion was noted in the last Channel Inspection 2011. This photo was taken 7-26-2012.	
phillips_c_20120904_206.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 - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	07/30/2012 07/30/2012	Herman Phillips

Levee Mile Report Line	81
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Mariposa Creek looking upstream from Healy Rd. Channel has wild growth on both banks.	
phillips_c_20120904_207.jpg	



Levee Mile Report Line	86
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Mariposa Creek looking downstream from Healy Rd, wild growth in channel and on left bank slowing down the flow. Photo taken 7-26-2012.	
phillips_c_20120904_208.jpg	



Levee Mile Report Line	91
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Mariposa Creek looking upstream from Hwy 59. Photo taken 7-26-2012.	
phillips_c_20120904_209.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 - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	07/30/2012 07/30/2012	Herman Phillips

Levee Mile Report Line	96
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>Mariposa Creek Looking downstream from Hwy 59. Wild growth cover both banks and channel. Photo taken 7-26-2012.</p>	
<p>phillips_c_20120904_210.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

2012 Channel Inspection Results

Merced Streams Group

Channel
Miles Creek

Channel Rating	A
Date of Inspection	8/14/2012
DWR Inspector	Max Khashchuk
Accompanied By	

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2012

Merced Streams Group

Channel				Channel Length	Inspection Start/End	Inspector
Miles Creek				12.00	08/14/2012 08/14/2012	Maksim Khashchuk

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
1	Childs Ave	Up	Vegetation & Obstructions		A	Inspector Comments: Some vegetation, but does not appear to be enough to impede flow.	37.287900 ° -120.309480 °	Y	1
2		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.287900 ° -120.309480 °		2
3		Up	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving.	37.287900 ° -120.309480 °		3
4		Up	Revetments		N	Inspector Comments: No revetments present at this location.	37.287900 ° -120.309480 °		4
5		Up	Encroachments		A	Inspector Comments: No trash, debris or other encroachments present at this location.	37.287900 ° -120.309480 °		5
6		Down	Vegetation & Obstructions		A	Inspector Comments: Some vegetation present, but does not appear to be enough to impede flow.	37.287900 ° -120.309480 °	Y	6
7		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.287900 ° -120.309480 °		7
8		Down	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving.	37.287900 ° -120.309480 °		8
9		Down	Revetments		N	Inspector Comments: No revetments present at this location.	37.287900 ° -120.309480 °		9
10		Down	Encroachments		A	Inspector Comments: No trash, debris or other encroachments present at this location.	37.287900 ° -120.309480 °		10
11	Santa Fe Dr	Up	Vegetation & Obstructions		A	Inspector Comments: Minor vegetation, but does not appear to be sufficient to impede flows.	37.284356 ° -120.315478 °	Y	11
12		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.284356 ° -120.315478 °		12
13		Up	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving.	37.284356 ° -120.315478 °		13
14		Up	Revetments		N	Inspector Comments: No revetments present at this location.	37.284356 ° -120.315478 °		14

*** 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 - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/14/2012 08/14/2012	Maksim Khashchuk

LMR No.	Check Point	View	Item	Location *	Rating **	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
15		Up	Encroachments		A	Inspector Comments: No trash, debris or other encroachments present at this location.	37.284356 ° -120.315478 °		15
16		Down	Vegetation & Obstructions		M	Inspector Comments: Channel is beginning to be overgrown, some of the vegetation appears to be woody vegetation and should be removed.	37.284356 ° -120.315478 °	Y	16
17		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.284356 ° -120.315478 °		17
18		Down	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving.	37.284356 ° -120.315478 °		18
19		Down	Revetments		N	Inspector Comments: No revetments present at this location.	37.284356 ° -120.315478 °		19
20		Down	Encroachments		A	Inspector Comments: No trash, debris or other encroachments present at this location.	37.284356 ° -120.315478 °		20
21	Plainsburg Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Minor vegetation, but does not appear as though it will impede flow.	37.282060 ° -120.324870 °	Y	21
22		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.282060 ° -120.324870 °		22
23		Up	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving.	37.282060 ° -120.324870 °		23
24		Up	Revetments		N	Inspector Comments: No revetments at this location.	37.282060 ° -120.324870 °		24
25		Up	Encroachments		A	Inspector Comments: No trash, debris or other encroachments present at this location.	37.282060 ° -120.324870 °		25
26		Down	Vegetation & Obstructions		M	Inspector Comments: Trees are beginning to grow in channel, appears to be a willow and black walnut, please remove.	37.282060 ° -120.324870 °	Y	26
27		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.282060 ° -120.324870 °		27
28		Down	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving at this location.	37.282060 ° -120.324870 °		28

* 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 - 2012

Merced Streams Group

Channel				Channel Length	Inspection Start/End	Inspector
Miles Creek				12.00	08/14/2012 08/14/2012	Maksim Khashchuk

LMIR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
29		Down	Revetments		N	Inspector Comments: No revetments present at this location.	37.282060 ° -120.324870 °		29
30		Down	Encroachments		A	Inspector Comments: No trash, debris or other encroachments present at this location.	37.282060 ° -120.324870 °		30
31	Gerard Ave	Up	Vegetation & Obstructions		A	Inspector Comments: Minor vegetation, but does not appear to be enough to impede flow.	37.280720 ° -120.331200 °	Y	31
32		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.280720 ° -120.331200 °		32
33		Up	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving at this location.	37.280720 ° -120.331200 °		33
34		Up	Revetments		N	Inspector Comments: No revetments present at this location.	37.280720 ° -120.331200 °		34
35		Up	Encroachments		A	Inspector Comments: No trash, debris or other encroachments present at this location.	37.280720 ° -120.331200 °		35
36		Down	Vegetation & Obstructions		A	Inspector Comments: Minimal vegetation does not appear to be enough to impede flow.	37.280720 ° -120.331200 °	Y	36
37		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.280720 ° -120.331200 °		37
38		Down	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving at this location.	37.280720 ° -120.331200 °		38
39		Down	Revetments		N	Inspector Comments: No revetments present at this location.	37.280720 ° -120.331200 °		39
40		Down	Encroachments		A	Inspector Comments: No trash, debris or other encroachments present at this location.	37.280720 ° -120.331200 °		40
41	Whealan Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Minimally obstructive vegetation present, but does not appear that it will impede flow.	37.278630 ° -120.343030 °	Y	41
42		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.278630 ° -120.343030 °		42

* 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 - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/14/2012 08/14/2012	Maksim Khashchuk

LIR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
43		Up	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving at this location.	37.278630 ° -120.343030 °		43
44		Up	Revetments		A	Inspector Comments: Revetment is located under the bridge on both sides of the creek. It is free of debris and appears that it will not impede flows.	37.278630 ° -120.343030 °		44
45		Up	Encroachments		A	Inspector Comments: No trash, debris or other encroachments present at this location.	37.278630 ° -120.343030 °		45
46		Down	Vegetation & Obstructions		A	Inspector Comments: Very minor vegetation, does not appear as though it would impede flow.	37.278630 ° -120.343030 °	Y	46
47		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.278630 ° -120.343030 °		47
48		Down	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving at this location.	37.278630 ° -120.343030 °		48
49		Down	Revetments		A	Inspector Comments: Revetment is under the bridge on both sides of the creek. It is free of debris and appears that it will not impede flows.	37.278630 ° -120.343030 °		49
50		Down	Encroachments		A	Inspector Comments: No trash, debris or other encroachments present at this location.	37.278630 ° -120.343030 °		50
51	Arboleda Dr	Up	Vegetation & Obstructions		A	Inspector Comments: Minor vegetation present, but does not appear to impede flow.	37.272980 ° -120.379090 °	Y	51
52		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.272980 ° -120.379090 °		52
53		Up	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving at this location.	37.272980 ° -120.379090 °		53
54		Up	Revetments		N	Inspector Comments: No revetments present at this location.	37.272980 ° -120.379090 °		54
55		Up	Encroachments		A	Inspector Comments: No trash, debris or other encroachments present at this location.	37.272980 ° -120.379090 °		55

* 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 - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/14/2012 08/14/2012	Maksim Khashchuk

LMR No.	Check Point	View	Item	Location *	Rating **	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
56		Down	Vegetation & Obstructions		A	Inspector Comments: Minor vegetation, but does not appear to be enough to impede flow.	37.272980 ° -120.379090 °	Y	56
57		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.272980 ° -120.379090 °		57
58		Down	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving at this location.	37.272980 ° -120.379090 °		58
59		Down	Revetments		N	Inspector Comments: No revetments present at this location.	37.272980 ° -120.379090 °		59
60		Down	Encroachments		A	Inspector Comments: No trash, debris or other encroachments present at this location.	37.272980 ° -120.379090 °		60
61	Orchard Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Minor vegetation, but does not appear to be enough to impede flow.	37.269380 ° -120.397470 °	Y	61
62		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.269380 ° -120.397470 °		62
63		Up	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving at this location.	37.269380 ° -120.397470 °		63
64		Up	Revetments		N	Inspector Comments: No revetments present at this location.	37.269380 ° -120.397470 °		64
65		Up	Encroachments		A	Inspector Comments: No trash, debris or other encroachments present at this location.	37.269380 ° -120.397470 °		65
66		Down	Vegetation & Obstructions		A	Inspector Comments: Minor vegetation, but does not appear to be enough to impede flow.	37.269380 ° -120.397470 °	Y	66
67		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.269380 ° -120.397470 °		67
68		Down	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving at this location.	37.269380 ° -120.397470 °		68
69		Down	Revetments		N	Inspector Comments: No revetments present at this location.	37.269380 ° -120.397470 °		69

* 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 - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/14/2012 08/14/2012	Maksim Khashchuk

LMIR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
70		Down	Encroachments		A	Inspector Comments: No trash, debris or other encroachments present at this location.	37.269380 ° -120.397470 °		70
71	Healy Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Minor vegetation, but does not appear to be enough to impede flow.	37.263590 ° -120.434500 °	Y	71
72		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.263590 ° -120.434500 °		72
73		Up	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving at this location.	37.263590 ° -120.434500 °		73
74		Up	Revetments		N	Inspector Comments: No revetments present at this location.	37.263590 ° -120.434500 °		74
75		Up	Encroachments		A	Inspector Comments: No trash, debris or other encroachments present at this location.	37.263590 ° -120.434500 °		75
76		Down	Vegetation & Obstructions		A	Inspector Comments: Minor vegetation, but does not appear to be enough to impede flow.	37.263590 ° -120.434500 °	Y	76
77		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.263590 ° -120.434500 °		77
78		Down	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving at this location.	37.263590 ° -120.434500 °		78
79		Down	Revetments		N	Inspector Comments: No revetments present at this location.	37.263590 ° -120.434500 °		79
80		Down	Encroachments		A	Inspector Comments: No trash, debris or other encroachments present at this location.	37.263590 ° -120.434500 °		80
81	Tyler Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Minor vegetation, but does not appear to be enough to impede flow.	37.263560 ° -120.469660 °	Y	81
82		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.263560 ° -120.469660 °		82
83		Up	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving at this location.	37.263560 ° -120.469660 °		83

* 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 - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/14/2012 08/14/2012	Maksim Khashchuk

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
84		Up	Revetments		N	Inspector Comments: No revetments present at this location.	37.263560 ° -120.469660 °		84
85		Up	Encroachments		A	Inspector Comments: No trash, debris or other encroachments present at this location.	37.263560 ° -120.469660 °		85
86		Down	Vegetation & Obstructions		A	Inspector Comments: Minor vegetation, but does not appear to be enough to impede flow.	37.263560 ° -120.469660 °	Y	86
87		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.263560 ° -120.469660 °		87
88		Down	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving at this location.	37.263560 ° -120.469660 °		88
89		Down	Revetments		N	Inspector Comments: No revetments present at this location.	37.263560 ° -120.469660 °		89
90		Down	Encroachments		A	Inspector Comments: Wire fence encroaching channel by 11 feet on both sides. It may accumulate debris and restrict flow. Recommend removal of the lower part of the fence just below the bridge superstructure.	37.263560 ° -120.469660 °	Y	90
91	Reilly Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Minor vegetation, but does not appear to be enough to impede flow.	37.257780 ° -120.475090 °	Y	91
92		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.257780 ° -120.475090 °		92
93		Up	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving at this location.	37.257780 ° -120.475090 °		93
94		Up	Revetments		N	Inspector Comments: No revetments present at this location.	37.257780 ° -120.475090 °		94
95		Up	Encroachments		A	Inspector Comments: No trash, debris or other encroachments present at this location.	37.257780 ° -120.475090 °		95
96		Down	Vegetation & Obstructions		A	Inspector Comments: Minor vegetation, but does not appear to be enough to impede flow.	37.257780 ° -120.475090 °	Y	96

* 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 - 2012

Merced Streams Group

Channel				Channel Length	Inspection Start/End	Inspector
Miles Creek				12.00	08/14/2012 08/14/2012	Maksim Khashchuk

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
97		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.257780 ° -120.475090 °		97
98		Down	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving at this location.	37.257780 ° -120.475090 °		98
99		Down	Revetments		A	Inspector Comments: No revetments present at this location.	37.257780 ° -120.475090 °		99
100		Down	Encroachments		A	Inspector Comments: No trash, debris or other encroachments present at this location.	37.257780 ° -120.475090 °		100
101	Hwy 59	Up	Vegetation & Obstructions		A	Inspector Comments: Minor vegetation, but does not appear to be enough to impede flow.	37.255920 ° -120.487940 °	Y	101
102		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.255920 ° -120.487940 °		102
103		Up	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving at this location.	37.255920 ° -120.487940 °		103
104		Up	Revetments		N	Inspector Comments: No revetments present at this location.	37.255920 ° -120.487940 °		104
105		Up	Encroachments		A	Inspector Comments: No trash, debris or other encroachments present at this location.	37.255920 ° -120.487940 °		105
106		Down	Vegetation & Obstructions		A	Inspector Comments: It appears that the Black walnut tree has been removed at the bridge. However there is more woody vegetation growing downstream in the channel, this can impede flow, please remove.	37.255920 ° -120.487940 °	Y	106
107		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.255920 ° -120.487940 °		107
108		Down	Erosion / Bank Caving		A	Inspector Comments: Minor erosion on the right bank. Recommended to monitor.	37.255920 ° -120.487940 °		108
109		Down	Revetments		N	Inspector Comments: No revetments present at this location.	37.255920 ° -120.487940 °		109

*** 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 - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/14/2012 08/14/2012	Maksim Khashchuk

LMR No.	Check Point	View	Item	Location *	Rating **	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
110			Down Encroachments		A	Inspector Comments: No trash, debris or other encroachments present at this location.	37.255920 ° -120.487940 °		110

<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 - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/14/2012 08/14/2012	Maksim Khashchuk

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/14/2012 Upstream view from Childs Ave. crossing.	
mkhashch_c_20120822_053.JPG	



Levee Mile Report Line	6
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/14/2012 Downstream view Childs Ave. crossing.	
mkhashch_c_20120822_054.JPG	



Levee Mile Report Line	11
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/14/2012 Santa Fe Dr. crossing looking upstream.	
mkhashch_c_20120822_055.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 - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/14/2012 08/14/2012	Maksim Khashchuk

Levee Mile Report Line	16
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/14/2012 Santa Fe Dr. crossing downstream view, note woody vegetation on right side of channel.	
mkhashch_c_20120822_056.JPG	



Levee Mile Report Line	21
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/14/2012 Plainsburg Road upstream view.	
mkhashch_c_20120822_057.JPG	



Levee Mile Report Line	26
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/14/2012 Plainsburg Rd crossing, downstream view, Note woody vegetation on left side of channel.	
mkhashch_c_20120822_058.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 - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/14/2012 08/14/2012	Maksim Khashchuk

Levee Mile Report Line	31
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/14/2012 Downstream view from Gerard Ave. crossing.	
mkhashch_c_20120822_059.JPG	



Levee Mile Report Line	36
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/14/2012 Downstream view from Gerard Ave. crossing.	
mkhashch_c_20120822_060.JPG	



Levee Mile Report Line	41
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/14/2012 Downstream view from Whealan Rd. crossing.	
mkhashch_c_20120822_061.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 - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/14/2012 08/14/2012	Maksim Khashchuk

Levee Mile Report Line	46
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/14/2012 Downstream view from Whealan Rd. crossing.	
mkhashch_c_20120822_062.JPG	



Levee Mile Report Line	51
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/14/2012 Upstream view from Arboleda Dr. crossing.	
mkhashch_c_20120822_063.JPG	



Levee Mile Report Line	56
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/14/2012 Downstream view from Arboleda Dr. crossing	
mkhashch_c_20120822_064.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 - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/14/2012 08/14/2012	Maksim Khashchuk

Levee Mile Report Line	61
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/14/2012 Upstream view from Archard Rd. crossing.	
mkhashch_c_20120822_065.JPG	



Levee Mile Report Line	66
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/14/2012 Downstream view from Orchard Rd. crossing.	
mkhashch_c_20120822_066.JPG	



Levee Mile Report Line	71
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/14/2012 Upstream view from Healy Rd. crossing.	
mkhashch_c_20120822_067.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 - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/14/2012 08/14/2012	Maksim Khashchuk

Levee Mile Report Line	76
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/14/2012 Downstream view from Healy Rd. crossing.	
mkhashch_c_20120822_068.JPG	



Levee Mile Report Line	81
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/14/2012 Upstream view from Tyler Rd. crossing.	
mkhashch_c_20120822_069.JPG	



Levee Mile Report Line	86
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/14/2012 Downstream view from Tyler Rd. crossing.	
mkhashch_c_20120822_070.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 - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/14/2012 08/14/2012	Maksim Khashchuk

Levee Mile Report Line	90
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Encroachments
08/14/2012 View of the chain link fence encroaching into the channel on the left bank.	
mkhashch_c_20120822_071.JPG	



Levee Mile Report Line	90
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Encroachments
08/14/2012 View of the chain link fence encroaching into the channel on the right bank.	
mkhashch_c_20120822_072.JPG	



Levee Mile Report Line	91
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/14/2012 Upstream view from Reilly Rd. crossing.	
mkhashch_c_20120822_073.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 - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/14/2012 08/14/2012	Maksim Khashchuk

Levee Mile Report Line	96
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/14/2012 Downstream view from Reilly Rd. crossing.	
mkhashch_c_20120822_074.JPG	



Levee Mile Report Line	101
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/14/2012 Upstream view from Highway 59 crossing.	
mkhashch_c_20120822_075.JPG	



Levee Mile Report Line	106
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/14/2012 Downstream view from Highway 59 crossing.	
mkhashch_c_20120822_076.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

2012 Channel Inspection Results

Merced Streams Group

Channel
Owens Creek

Channel Rating	M
Date of Inspection	8/14/2012
DWR Inspector	Max Khashchuk
Accompanied By	

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Owens Creek	2.88	08/14/2012 08/14/2012	Maksim Khashchuk

LMIR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
1	Cunningham Rd	Up	Vegetation & Obstructions		A	Inspector Comments: No vegetation within channel noted.	37.289408 ° -120.251939 °	Y	1
2		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present	37.289408 ° -120.251939 °		2
3		Up	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	37.289408 ° -120.251939 °		3
4		Up	Revetments		N	Inspector Comments: No revetments present at this location.	37.289408 ° -120.251939 °		4
5		Up	Encroachments		M	Inspector Comments: There is a wire fence across the channel on the upstream side attached to the bridge piles, this could be an obstruction during high flows. Needs to be removed or constructed so that it will not cause an obstruction during high flows.	37.289408 ° -120.251939 °	Y	5
6		Down	Vegetation & Obstructions		A	Inspector Comments: Vegetation is present, but not enough to impede flow during high water events.	37.289408 ° -120.251939 °	Y	6
7		Down	Shoaling / Sedimentation		A		37.289408 ° -120.251939 °		7
8		Down	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving.	37.289408 ° -120.251939 °		8
9		Down	Revetments		N	Inspector Comments: No revetments present at this location.	37.289408 ° -120.251939 °		9
10		Down	Encroachments		M	Inspector Comments: Debris accumulation under the bridge. May restrict flows during high water event.	37.289408 ° -120.251939 °	Y	10
11	Childs Ave	Up	Vegetation & Obstructions		A	Inspector Comments: Some vegetation, but does not appear to be enough to impede flows.	37.287269 ° -120.254914 °	Y	11
12		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.287269 ° -120.254914 °		12
13		Up	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving.	37.287269 ° -120.254914 °		13
14		Up	Revetments		N	Inspector Comments: No revetments present at this location.	37.287269 ° -120.254914 °		14

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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N : Not Inspected, see Inspector Comment
C : Corrected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2012

Merced Streams Group

Channel				Channel Length	Inspection Start/End	Inspector
Owens Creek				2.88	08/14/2012 08/14/2012	Maksim Khashchuk

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
15		Up	Encroachments		M	Inspector Comments: There is a wire fence across the channel. It appears that it may collect debris and block flows.	37.287269 ° -120.254914 °	Y	15
16		Down	Vegetation & Obstructions		A	Inspector Comments: Some minor vegetation present, but will not impede flows.	37.287269 ° -120.254914 °	Y	16
17		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.287269 ° -120.254914 °		17
18		Down	Erosion / Bank Caving		A	Inspector Comments: Some minor bank caving, where channel changes direction, please monitor.	37.287269 ° -120.254914 °	Y	18
19		Down	Revetments		N	Inspector Comments: No revetments present at this location.	37.287269 ° -120.254914 °		19
20		Down	Encroachments		M	Inspector Comments: Wire fence has been placed across the channel, fence is holding debris and needs to be constructed so it will not impede flows during high water events. Note removal of fence may accelerate the erosion at this point. See erosion comment.	37.287269 ° -120.254914 °	Y	20
21	Mission Ave extension	Up	Vegetation & Obstructions		A	Inspector Comments: Minor vegetation but does not appear to be enough to impede flow.	37.272920 ° -120.280840 °	Y	21
22		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.272920 ° -120.280840 °		22
23		Up	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving.	37.272920 ° -120.280840 °		23
24		Up	Revetments		A	Inspector Comments: Rip rap has been placed on both upstream and downstream side of bridge.	37.272920 ° -120.280840 °		24
25		Up	Encroachments		A	Inspector Comments: No trash, debris or other encroachments noted at this location.	37.272920 ° -120.280840 °		25
26		Down	Vegetation & Obstructions		A	Inspector Comments: Minor downstream vegetation, but does not appear to be enough to impede flow.	37.272920 ° -120.280840 °	Y	26
27		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.272920 ° -120.280840 °		27

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2012

Merced Streams Group

Channel				Channel Length	Inspection Start/End	Inspector
Owens Creek				2.88	08/14/2012 08/14/2012	Maksim Khashchuk

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
28		Down	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving.	37.272920 ° -120.280840 °		28
29		Down	Revetments		M	Inspector Comments: Rip rap has been placed in the channel at its most constricting point, beneath the bridge, this will reduce the flow capacity of the channel. Please remove.	37.272920 ° -120.280840 °	Y	29
30		Down	Encroachments		A	Inspector Comments: No trash, debris or other encroachments noted at this location.	37.272920 ° -120.280840 °		30
31	Diversion at Le Grand Canal, D/S Limit	Up	Vegetation & Obstructions		M	Inspector Comments: Vegetation is thick and obstructing flow.	37.273619 ° -120.277469 °	Y	31
32		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.273619 ° -120.277469 °		32
33		Up	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving.	37.273619 ° -120.277469 °		33
34		Up	Revetments		N	Inspector Comments: No revetments present at this location.	37.273619 ° -120.277469 °		34
35		Up	Encroachments		M	Inspector Comments: Possible excavation at this location, which appears to be impeding flow.	37.273619 ° -120.277469 °	Y	35
36		Down	Vegetation & Obstructions		A	Inspector Comments: Vegetation is noted but not enough to impeded flows.	37.273619 ° -120.277469 °	Y	36
37		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.273619 ° -120.277469 °		37
38		Down	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving.	37.273619 ° -120.277469 °		38
39		Down	Revetments		N	Inspector Comments: No revetment observed.	37.273619 ° -120.277469 °		39
40		Down	Encroachments		A	Inspector Comments: No trash, debris or other encroachments noted at this location.	37.273619 ° -120.277469 °		40

*** Location**

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Owens Creek	2.88	08/14/2012 08/14/2012	Maksim Khashchuk

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/14/2012 Upstream view from Cunningham Road crossing.	
mkhashch_c_20120815_037.JPG	



Levee Mile Report Line	5
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Encroachments
08/14/2012 Wire fence on upstream side of Cunningham crossing.	
mkhashch_c_20120815_038.JPG	



Levee Mile Report Line	6
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/14/2012 Cunningham crossing downstream view.	
mkhashch_c_20120815_039.JPG	



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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Owens Creek	2.88	08/14/2012 08/14/2012	Maksim Khashchuk

Levee Mile Report Line	10
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Encroachments
08/14/2012 Debris accumulated under bridge.	
mkhashch_c_20120815_041.JPG	



Levee Mile Report Line	11
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/14/2012 Upstream view Childs Ave. crossing.	
mkhashch_c_20120815_040.JPG	



Levee Mile Report Line	15
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Encroachments
08/14/2012 Fence crossing channel upstream.	
mkhashch_c_20120815_042.JPG	



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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Owens Creek	2.88	08/14/2012 08/14/2012	Maksim Khashchuk

Levee Mile Report Line	16
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/14/2012 View of downstream channel at Childs Ave.	
mkhashch_c_20120815_043.JPG	



Levee Mile Report Line	18
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Erosion / Bank Caving
08/14/2012 View of bank caving.	
mkhashch_c_20120815_044.JPG	



Levee Mile Report Line	20
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Encroachments
08/14/2012 Wire fence across channel downstream of Childs Ave. crossing.	
mkhashch_c_20120815_045.JPG	



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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Owens Creek	2.88	08/14/2012 08/14/2012	Maksim Khashchuk

Levee Mile Report Line	21
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/14/2012 Upstream view from Mission Ave. crossing.	
mkhashch_c_20120815_046.JPG	



Levee Mile Report Line	26
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/14/2012 Downstream view from Mission Ave. crossing.	
mkhashch_c_20120815_047.JPG	



Levee Mile Report Line	29
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Revetments
08/14/2012 Mission Ave. crossing rip rap shown in channel.	
mkhashch_c_20120815_048.JPG	



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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Owens Creek	2.88	08/14/2012 08/14/2012	Maksim Khashchuk

Levee Mile Report Line	31
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/14/2012 Upstream view of Owens Creek at diversion.	
mkhashch_c_20120815_049.JPG	



Levee Mile Report Line	35
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Encroachments
08/14/2012 Photo shows what appears to be material placed in the channel, material is overgrown with vegetation, "Fresh" material can be seen in the center of the photo.	
mkhashch_c_20120815_050.JPG	



Levee Mile Report Line	35
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Encroachments
08/14/2012 View of excavating equipment.	
mkhashch_c_20120815_051.JPG	



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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2012

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Owens Creek	2.88	08/14/2012 08/14/2012	Maksim Khashchuk

Levee Mile Report Line	36
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

08/14/2012 View of downstream from the diversion.

mkhashch_c_20120815_052.JPG



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