

**Flood Control Project Maintenance
Levee Inspections**

Fall 2011 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR Erosion Survey

San Joaquin River Basin

NA0011		Overall LMA Rating	Total LMA Miles				
Madera County FCWCA		U	26.65				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments		
					PO Miles	CO Miles	
<i>Earthen Levee</i>							
Vegetation	21.73	1.58	28.05	105.25%			
Trim / Thin Trees	0.50		0.50	1.88%			
Encroachments	0.44	0.03	0.56	2.10%	0.10		
Animal Control	12.24	0.08	12.56	47.13%			
Slope Stability		0.01	0.04	0.15%			
Erosion / Bank Caving	0.01		0.01	0.04%			
Crown Surface / Depressions / Rutting	0.44		0.44	1.65%			
<i>Channels</i>							
Vegetation & Obstructions		0.01	0.04	0.15%			
<i>Supplemental</i>							
DWR Erosion Survey	0.12		0.12	0.45%			
LMA Totals:	35.48	1.71	42.32	158.80%	0.10	0.00	
Unit No. 01 Ash Slough RB		Overall Unit Rating	Total Unit Miles				
NA0011		U	2.41				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments		
					PO Miles	CO Miles	
<i>Earthen Levee</i>							
Vegetation	0.48		0.48	19.92%			
Encroachments	0.07		0.07	2.91%			
Animal Control	0.04		0.04	1.66%			
<i>Supplemental</i>							
DWR Erosion Survey	0.12		0.12	4.98%			
Unit Totals:	0.71	0.00	0.71	29.46%	0.00	0.00	
Unit No. 02 Ash Slough LB		Overall Unit Rating	Total Unit Miles				
NA0011		U	2.07				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments		
					PO Miles	CO Miles	
<i>Earthen Levee</i>							
Vegetation	2.36	0.39	3.92	189.37%			
Trim / Thin Trees	0.28		0.28	13.53%			
Encroachments	0.09	0.01	0.13	6.28%	0.09		
Animal Control	0.15		0.15	7.25%			
Unit Totals:	2.88	0.40	4.48	216.43%	0.09	0.00	
Unit No. 03 Berenda Slough RB		Overall Unit Rating	Total Unit Miles				
NA0011		U	1.55				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments		
					PO Miles	CO Miles	
<i>Earthen Levee</i>							
Vegetation	2.06		2.06	132.90%			
Trim / Thin Trees	0.10		0.10	6.45%			
Encroachments	0.03	0.01	0.07	4.52%	0.01		
Animal Control	0.65		0.65	41.94%			
Unit Totals:	2.84	0.01	2.88	185.81%	0.01	0.00	

**Flood Control Project Maintenance
Levee Inspections**

Fall 2011 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR Erosion Survey

San Joaquin River Basin (cont.)

Unit No. 04 Berenda Slough LB		Overall Unit Rating	Total Unit Miles				
NA0011		U	2.28				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments		
					PO Miles	CO Miles	
<i>Earthen Levee</i>							
Vegetation	2.24		2.24	98.25%			
Encroachments	0.03	0.01	0.07	3.07%			
Animal Control	0.93		0.93	40.79%			
Slope Stability		0.01	0.04	1.75%			
<i>Unit Totals:</i>	3.20	0.02	3.28	143.86%	0.00	0.00	

Unit No. 05 Fresno River RB		Overall Unit Rating	Total Unit Miles				
NA0011		U	9.20				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments		
					PO Miles	CO Miles	
<i>Earthen Levee</i>							
Vegetation	3.42	0.91	7.06	76.74%			
Trim / Thin Trees	0.11		0.11	1.20%			
Encroachments	0.20		0.20	2.17%			
Animal Control	6.60	0.08	6.92	75.22%			
Erosion / Bank Caving	0.01		0.01	0.11%			
Crown Surface / Depressions / Rutting	0.44		0.44	4.78%			
<i>Channels</i>							
Vegetation & Obstructions		0.01	0.04	0.43%			
<i>Unit Totals:</i>	10.78	1.00	14.78	160.65%	0.00	0.00	

Unit No. 06 Fresno River LB		Overall Unit Rating	Total Unit Miles				
NA0011		U	9.14				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments		
					PO Miles	CO Miles	
<i>Earthen Levee</i>							
Vegetation	11.17	0.28	12.29	134.46%			
Trim / Thin Trees	0.01		0.01	0.11%			
Encroachments	0.02		0.02	0.22%			
Animal Control	3.87		3.87	42.34%			
<i>Unit Totals:</i>	15.07	0.28	16.19	177.13%	0.00	0.00	

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2011 Levee Inspection Results
Madera County FCWCA

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			U	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

* SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections
Unit Cover Sheet
Fall 2011 Levee Inspection Results
Madera County FCWCA**

Waterway		Bank	Unit Miles
Unit No. 01 Ash Slough		Right	2.41

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	5/4/2011 - 5/4/2011		11/23/2011 - 11/23/2011	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	Dario Dominguez <small>Madera County Resource Management</small>		Dario Dominguez <small>Madera County Resource Management</small>	
	Joe Hernandez <small>Madera County Resources Agency</small>		Joe Hernandez <small>Madera County Resources Agency</small>	

Check one:

During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.

During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Suite 200
Sacramento, CA 95821-9000

X _____
Signature of LMA Representative Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.41	11/23/2011 11/23/2011	Herman Phillips

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.01	0.47	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	37.046535 ° -120.427704 °	37.049705 ° -120.420757 °	4 Y
2	0.10	0.14	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	37.045658 ° -120.426818 °	37.045948 ° -120.425513 °	951
3	0.28	0.30	Earthen Levee	Encroachments	WS	M	Tree or limb	37.047812 ° -120.423155 °	37.047963 ° -120.422898 °	6
4	0.32	0.34	Earthen Levee	Encroachments	WS	M	Tree or limb	37.048223 ° -120.422642 °	37.048467 ° -120.422315 °	8
5	0.43	0.43	Earthen Levee	Encroachments	WS	M	Tree or limb	37.049355 ° -120.421203 °	37.049355 ° -120.421203 °	9
6	0.44	0.44	Earthen Levee	Encroachments	WS	M	Tree or limb	37.049455 ° -120.421218 °	37.049455 ° -120.421218 °	11
7	0.53	0.53	Earthen Levee	Encroachments	WS	M	Tree or limb	37.050335 ° -120.419965 °	37.050335 ° -120.419965 °	10
8	1.11	1.20	Supplemental	DWR Erosion Survey	WS	M	Inspector Comments: 08/09/2011: Site was inspected. No visible change was observed from the previous condition. A fallen tree was seen at the levee toe about 20 feet upstream, and tree root exposed. There has been no report from the district that this site was corrected. 11/30/2010: Site was not inspected due to time constraints. There have been no reports from the district that the site was corrected. Continue to monitor site during flood events. 08/05/2010: Recommended for annual assessment and monitoring during flood events, per CLRO.2009: Site is recommended as a local maintenance issue, per Critical Levee Repair Office, Critical Erosion Sites Evaluation 2008 Report; site was previously rated "M"9/6/2007: Undercutting of the toe; several trees along the WS slope with roots exposed. [2011 Site ID:NA0011U01RM2.57]	37.055596 ° -120.412647 °	37.055596 ° -120.412647 °	1 Y
9	1.52	1.52	Earthen Levee	Encroachments	WS	C	Garbage	37.058570 ° -120.407715 °	37.058563 ° -120.407702 °	952
10	1.63	1.65	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	37.060389 ° -120.406555 °	37.060678 ° -120.406345 °	3
11	2.09	2.10	Earthen Levee	Slope Stability	WS	C	Repair slope instability.	37.065650 ° -120.400751 °	37.065703 ° -120.400816 °	7
12	2.37	2.37	Earthen Levee	Encroachments	WS	C	Pipe	37.068570 ° -120.398620 °	37.068570 ° -120.398620 °	5

<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 W : Watch/Monitor</p>	<p>N : Not Inspected, see Inspector Comment C : Corrected</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.41	11/23/2011 11/23/2011	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
13	2.37	2.39	Supplemental	DWR Erosion Survey	WS	M	Inspector Comments: 08/09/2011: Site was inspected. No visible change was observed from the previous condition. There have been no reports from the district that this site was corrected. 11/30/2010: Site was not inspected this year due to time constraints. There have been no reports from the district that this site was corrected. Continue monitor during flood events. 08/05/2010: Recommended for annual assessment and monitoring during flood events, per CLRO. 2009: Site is recommended as a local maintenance issue, per CLRO CES Evaluation 2008 Report; it was previously rated "M". 8/26/2008: Undulating waterside slope surface; vehicular damage along the waterside slope possibly caused by farming equipment; levee crown is composed of sandy material; there is a collection of concrete rubble on the waterside crown hinge; vehicular damage extends from levee toe to crown surface. 9/6/2007: Farmer degraded levee on waterward slope and crown. [2011 Site ID:NA0011U01RM3.8]	37.068570 ° -120.398620 °	37.068570 ° -120.398620 °	2 Y

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

Levee Inspection Report By Mile - Fall 2011

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.41	11/23/2011 11/23/2011	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.01
End Levee Mile	0.47
Location	Water Side
Category	Earthen Levee
Item	Vegetation

Madera County Unit 1 Ash Slough Leve mile 0.00 looking downstream waterward. Photo taken 11-23-2011.

phillips_f_20111208_132.jpg



Levee Mile Report Line	8
Start Levee Mile	1.11
End Levee Mile	1.20
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Close-in view at the erosion site

SJR2011_NA0011U01RM2.57_1.jpg



Levee Mile Report Line	8
Start Levee Mile	1.11
End Levee Mile	1.20
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

The fallen tree about 20 feet from the site.

SJR2011_NA0011U01RM2.57_2.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 W : Watch/Monitor</p>	<p>N : Not Inspected, see Inspector Comment C : Corrected</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.41	11/23/2011 11/23/2011	Herman Phillips

Levee Mile Report Line	8
Start Levee Mile	1.11
End Levee Mile	1.20
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

The fallen tree and exposed root

SJR2011_NA0011U01RM2.57_3.jpg



Levee Mile Report Line	13
Start Levee Mile	2.37
End Levee Mile	2.39
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Close look at the site

SJR2011_NA0011U01RM3.8_1.jpg



Levee Mile Report Line	13
Start Levee Mile	2.37
End Levee Mile	2.39
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

The erosion is covered with dense grass and bushes.

SJR2011_NA0011U01RM3.8_2.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 W : Watch/Monitor</p>	<p>N : Not Inspected, see Inspector Comment C : Corrected</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.41	11/23/2011 11/23/2011	Herman Phillips

Levee Mile Report Line	13
Start Levee Mile	2.37
End Levee Mile	2.39
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey
<p>The erosion is covered with dense grass and bushes.</p>	
<p>SJR2011_NA0011U01RM3.8_3.jpg</p>	



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable PO : Partially Obstructing N : Not Inspected, see Inspector Comment C : Corrected M : Minimally Acceptable CO : Completely Obstructing U : Unacceptable W : Watch/Monitor</p>
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**Flood Control Project Maintenance
Levee Inspections
Unit Cover Sheet
Fall 2011 Levee Inspection Results
Madera County FCWCA**

Waterway		Bank	Unit Miles
Unit No. 02 Ash Slough		Left	2.07

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	5/3/2011 - 5/3/2011		11/23/2011 - 11/23/2011	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	Dario Dominquez <small>Madera County Resources Management</small>		Dario Dominquez <small>Madera County Resources Management</small>	
	Joe Hernandez <small>Madera County Resource Management Agency</small>		Joe Hernandez <small>Madera County Resource Management Agency</small>	

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(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Suite 200
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.07	11/23/2011 11/23/2011	Herman Phillips

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.00	0.00	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	37.045532 ° -120.427268 °	37.045532 ° -120.427268 °	18 Y
2	0.02	0.17	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	37.045657 ° -120.426911 °	37.046288 ° -120.424424 °	10
3	0.03	0.42	Earthen Levee	Vegetation	WS	U	Remove the wild growth other than native grasses from the levee slopes.	37.045714 ° -120.426876 °	37.048342 ° -120.420863 °	9 Y
4	0.16	0.17	Earthen Levee	Encroachments	LS	PO	Landscaping	37.046212 ° -120.424573 °	37.046303 ° -120.424332 °	6
5	0.27	0.28	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	37.046935 ° -120.422855 °	37.047068 ° -120.422645 °	8
6	0.27	0.29	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	37.046937 ° -120.422815 °	37.047192 ° -120.422517 °	21
7	0.30	0.49	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	37.047217 ° -120.422424 °	37.048944 ° -120.419943 °	12
8	0.45	0.53	Earthen Levee	Encroachments	LS	PO	Fences	37.048627 ° -120.420357 °	37.049342 ° -120.419370 °	11
9	0.55	2.06	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	37.049597 ° -120.419163 °	37.064091 ° -120.401131 °	13
10	0.58	0.61	Earthen Levee	Encroachments	LS	M	Pipe	37.049830 ° -120.418812 °	37.050267 ° -120.418329 °	14
11	0.79	0.84	Earthen Levee	Encroachments	LS	M	Equipment Inspector Comments: The landowner here has equipment within the easement landside however, most of the encroachments has been removed since last inspection. All has not been removed.	37.053137 ° -120.417517 °	37.052745 ° -120.417695 °	26
12	0.79	0.79	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.053283 ° -120.417477 °	37.053283 ° -120.417477 °	27
13	1.04	1.24	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	37.055115 ° -120.414588 °	37.056050 ° -120.411178 °	3
14	1.04	1.04	Earthen Levee	Encroachments	WS	M	Tree or limb	37.055171 ° -120.414560 °	37.055171 ° -120.414560 °	15
15	1.40	2.05	Earthen Levee	Vegetation	CR	M	Remove the wild growth other than native grasses from the levee slopes.	37.057896 ° -120.409687 °	37.063896 ° -120.401232 °	16
16	1.49	1.49	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	37.058273 ° -120.408195 °	37.058273 ° -120.408195 °	2
17	1.52	1.52	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	37.058573 ° -120.407660 °	37.058573 ° -120.407660 °	1

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

Levee Inspection Report By Mile - Fall 2011

Madera County FCWCA

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough				Left	2.07	11/23/2011 11/23/2011	Herman Phillips

LMIR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
18	1.53	1.55	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	37.058652 ° -120.407638 °	37.058802 ° -120.407350 °	25
19	1.75	1.75	Earthen Levee	Encroachments	WS	U	Garbage	37.060715 ° -120.404576 °	37.060715 ° -120.404576 °	17 Y

<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 W : Watch/Monitor</p>	<p>N : Not Inspected, see Inspector Comment C : Corrected</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.07	11/23/2011 11/23/2011	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Water Side
Category	Earthen Levee
Item	Vegetation

Unit 2 Ash Slough looking downstream from levee mile 0.00 landwardward. Photo taken 11-23-2011.

phillips_f_20111208_133.jpg



Levee Mile Report Line	3
Start Levee Mile	0.03
End Levee Mile	0.42
Location	Water Side
Category	Earthen Levee
Item	Vegetation

Unsatisfactory growth waterward Unit 2. Photo taken 11-23-2011.

phillips_f_20111208_135.jpg



Levee Mile Report Line	19
Start Levee Mile	1.75
End Levee Mile	1.75
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Garbage on waterward berm Unit 2 Ash Slough. Photo taken 11-23-2011.

phillips_f_20111208_134.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 W : Watch/Monitor</p>	<p>N : Not Inspected, see Inspector Comment C : Corrected</p>
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**Flood Control Project Maintenance
Levee Inspections
Unit Cover Sheet
Fall 2011 Levee Inspection Results
Madera County FCWCA**

Waterway		Bank	Unit Miles
Unit No. 03 Berenda Slough		Right	1.55

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	5/4/2011 - 5/4/2011		11/23/2011 - 11/23/2011	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	Dario Dominguez Madera County Resource Management		Dario Dominguez Madera County Resource Management	
	Joe Hernandez Madera County Resources Management Agency		Joe Hernandez Madera County Resources Management Agency	

Check one:

During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.

During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Suite 200
Sacramento, CA 95821-9000

X _____
Signature of LMA Representative Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Madera County FCWCA

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough				Right	1.55	11/23/2011 11/23/2011	Herman Phillips

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.00	0.00	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	36.996580 ° -120.374020 °	36.996580 ° -120.374020 °	21 Y
2	0.01	0.01	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	36.996599 ° -120.374011 °	36.996599 ° -120.374011 °	13
3	0.03	0.03	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	36.996468 ° -120.373158 °	36.996473 ° -120.373124 °	14 Y
4	0.04	0.10	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	36.996471 ° -120.372987 °	36.996084 ° -120.372170 °	18
5	0.05	0.05	Earthen Levee	Encroachments	LS	U	Pipe	36.996600 ° -120.374013 °	36.996600 ° -120.374013 °	12 Y
6	0.06	0.06	Earthen Levee	Encroachments	LS	M	Tree or limb	36.996348 ° -120.372699 °	36.996348 ° -120.372699 °	19
7	0.08	0.08	Earthen Levee	Encroachments	LS	M	Debris	36.996204 ° -120.372352 °	36.996201 ° -120.372345 °	20
8	0.14	0.14	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: 5/27/2010 The District was in process of mowing during this inspection.	36.996075 ° -120.371273 °	36.996075 ° -120.371272 °	2
9	0.29	0.33	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: The crown roadway shall be keep free of any vegetation. The slopes appear to have been sprayed though the growth hasn't been removed from levee sections since 2008.	36.996112 ° -120.368558 °	36.996143 ° -120.367987 °	3
10	0.82	1.52	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	36.996222 ° -120.359030 °	36.996611 ° -120.346460 °	22
11	1.05	1.05	Earthen Levee	Trim / Thin Trees	LS	M	Trim and thin trees to allow visibility of the ground and room to flood fight.	36.996574 ° -120.355032 °	36.996574 ° -120.355032 °	24
12	1.06	1.06	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	36.996574 ° -120.355032 °	36.996574 ° -120.355032 °	23
13	1.07	1.07	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	36.996613 ° -120.355055 °	36.996610 ° -120.354995 °	11
14	1.07	1.08	Earthen Levee	Encroachments	WS	M	Material Inspector Comments: The District has placed more bait stations along the levee slopes	36.996568 ° -120.355028 °	36.996570 ° -120.354788 °	4
15	1.09	1.52	Earthen Levee	Vegetation	CR	M	Remove the wild growth other than native grasses from the levee slopes.	36.996636 ° -120.354262 °	36.996611 ° -120.346460 °	25
16	1.09	1.52	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	36.996561 ° -120.351928 °	36.996611 ° -120.346460 °	28

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

Levee Inspection Report By Mile - Fall 2011

Madera County FCWCA

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough				Right	1.55	11/23/2011 11/23/2011	Herman Phillips

LMIR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
17	1.09	1.12	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	36.996618 ° -120.354538 °	36.996633 ° -120.354012 °	15
18	1.09	1.10	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	36.996620 ° -120.354535 °	36.996625 ° -120.354340 °	16
19	1.10	1.21	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	36.996587 ° -120.354515 °	36.996567 ° -120.352393 °	5
20	1.10	1.15	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	36.996582 ° -120.354410 °	36.996588 ° -120.353595 °	6
21	1.12	1.52	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	36.996609 ° -120.353757 °	36.996611 ° -120.346460 °	26
22	1.12	1.52	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	36.996610 ° -120.353753 °	36.996611 ° -120.346460 °	27
23	1.26	1.26	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	36.996632 ° -120.351463 °	36.996632 ° -120.351463 °	17
24	1.26	1.26	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	36.996616 ° -120.351463 °	36.996616 ° -120.351463 °	29
25	1.28	1.28	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	36.996603 ° -120.351115 °	36.996603 ° -120.351115 °	30
26	1.50	1.53	Earthen Levee	Animal Control	CR	M	Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: At this levee section levee mile 1.50 I measured a section of levee in that area there were 15 holes on the water side 4 in the crown road way and 3 on the land side. Pictures taken.	36.996550 ° -120.347108 °	36.996583 ° -120.346683 °	8 Y
27	1.50	1.53	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	36.996557 ° -120.347102 °	36.996583 ° -120.346678 °	9

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.55	11/23/2011 11/23/2011	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Unit 3 Berenda Slough 0.00 looking downstream. Photo taken 11-23-2011

phillips_f_20111209_146.jpg



Levee Mile Report Line	3
Start Levee Mile	0.03
End Levee Mile	0.03
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Unauthorized agriculture ditch landward toe. Photo taken 11-23-2011

phillips_f_20111209_144.jpg



Levee Mile Report Line	5
Start Levee Mile	0.05
End Levee Mile	0.05
Location	Land Side
Category	Earthen Levee
Item	Encroachments

This stand pipe was installed within the landward slope and toe of the right bank Unit 3 levee mile 0.09. No permit from the Central Valley Flood Protection Board. Photo taken 5-4-2011.

phillips_f_20110929_030.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 W : Watch/Monitor</p>	<p>N : Not Inspected, see Inspector Comment C : Corrected</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.55	11/23/2011 11/23/2011	Herman Phillips

Levee Mile Report Line	5
Start Levee Mile	0.05
End Levee Mile	0.05
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Standing at the upstream end of stand pipe within the landward slope and toe of levee mile 0.09 Unit 3. Mileage runs upstream.	
phillips_f_20110929_031.jpg	



Levee Mile Report Line	5
Start Levee Mile	0.05
End Levee Mile	0.05
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Unauthorized pipe within landward toe. Photo taken 11-23-2011. Installed by Chowchilla Irrigation District.	
phillips_f_20111209_145.jpg	



Levee Mile Report Line	26
Start Levee Mile	1.50
End Levee Mile	1.53
Location	Crown
Category	Earthen Levee
Item	Animal Control
There are several rodent holes in the shoulder and crown of the roadway.	
phillips_f_20110929_028.jpg	



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

Levee Inspection Report By Mile - Fall 2011

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.55	11/23/2011 11/23/2011	Herman Phillips

Levee Mile Report Line	26
Start Levee Mile	1.50
End Levee Mile	1.53
Location	Crown
Category	Earthen Levee
Item	Animal Control

This photo shows holes in crown and shoulder.



phillips_f_20110929_029.jpg

<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable PO : Partially Obstructing N : Not Inspected, see Inspector Comment C : Corrected M : Minimally Acceptable CO : Completely Obstructing U : Unacceptable W : Watch/Monitor</p>
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**Flood Control Project Maintenance
Levee Inspections
Unit Cover Sheet
Fall 2011 Levee Inspection Results
Madera County FCWCA**

Waterway		Bank	Unit Miles
Unit No. 04 Berenda Slough		Left	2.28

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	5/4/2011 - 5/4/2011		11/23/2011 - 11/23/2011	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	Dario Dominguez Madera County Resource Management		Dario Dominguez Madera County Resource Management	
	Joseph Hernandez Madera County		Joseph Hernandez Madera County	

Check one:

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(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

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Sacramento, CA 95821-9000

X _____
Signature of LMA Representative Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	11/23/2011 11/23/2011	Herman Phillips

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.00	0.00	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	36.995504 ° -120.373518 °	36.995504 ° -120.373518 °	16 Y
2	0.01	0.01	Earthen Levee	Encroachments	WS	M	Firewood	36.995482 ° -120.373419 °	36.995482 ° -120.373419 °	7
3	0.04	0.04	Earthen Levee	Encroachments	WS	M	Tree or limb	36.995519 ° -120.372789 °	36.995519 ° -120.372789 °	1 Y
4	0.06	0.45	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: Did not see any rodent during this inspection, the weeds were too tall to see. District is in process of mowing this levee section.	36.995580 ° -120.372432 °	36.995610 ° -120.365297 °	2
5	0.15	0.20	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	36.995539 ° -120.370876 °	36.995530 ° -120.369877 °	12
6	0.15	0.20	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	36.995534 ° -120.370874 °	36.995533 ° -120.369899 °	8
7	0.16	1.26	Earthen Levee	Vegetation	CR	M	Remove the wild growth other than native grasses from the levee slopes.	36.995513 ° -120.370552 °	36.995585 ° -120.351067 °	13
8	0.31	1.34	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	36.995526 ° -120.368064 °	36.995566 ° -120.349628 °	14
9	0.40	0.40	Earthen Levee	Encroachments	WS	U	Tree or limb	36.995531 ° -120.366462 °	36.995531 ° -120.366462 °	15 Y
10	0.48	0.48	Earthen Levee	Encroachments	WS	M	Tree or limb	36.995572 ° -120.364872 °	36.995570 ° -120.364760 °	6
11	1.51	1.51	Earthen Levee	Slope Stability	LS	U	Repair slope instability. Inspector Comments: The Madera County Resource Management Agency will be sending the land owner a letter addressing this damage. The damage here was caused by a Contractor.	36.995611 ° -120.346236 °	36.995611 ° -120.346236 °	9 Y
12	1.59	1.59	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	36.995910 ° -120.345293 °	36.995910 ° -120.345293 °	11
13	1.73	2.26	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	36.997343 ° -120.343633 °	37.003280 ° -120.337602 °	10

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

Levee Inspection Report By Mile - Fall 2011

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	11/23/2011 11/23/2011	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Unit 4 looking downstream from levee mile 0.00 Berenda Slough waterward. Photo taken 11-23-2011.	
phillips_f_20111212_150.jpg	



Levee Mile Report Line	3
Start Levee Mile	0.04
End Levee Mile	0.04
Location	Water Side
Category	Earthen Levee
Item	Encroachments
This tree needs to be cut up and removed from levee section.	
phillips_f_20110929_032.jpg	



Levee Mile Report Line	9
Start Levee Mile	0.40
End Levee Mile	0.40
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Looking downstream levee mile 0.40 at dead trees on waterward slope and toe of Unit 4. Photo taken 11-23-2011.	
phillips_f_20111212_149.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 W : Watch/Monitor</p>	<p>N : Not Inspected, see Inspector Comment C : Corrected</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	11/23/2011 11/23/2011	Herman Phillips

Levee Mile Report Line	11
Start Levee Mile	1.51
End Levee Mile	1.51
Location	Land Side
Category	Earthen Levee
Item	Slope Stability
Standing on Ave. 17 looking at levee damage levee mile 1.51. The damage is just upstream of Road 11.	
phillips_f_20110929_033.jpg	



Levee Mile Report Line	11
Start Levee Mile	1.51
End Levee Mile	1.51
Location	Land Side
Category	Earthen Levee
Item	Slope Stability
Looking down at the erosion landward Unit 4. Photo taken 11-23-2011.	
phillips_f_20111212_147.jpg	



Levee Mile Report Line	11
Start Levee Mile	1.51
End Levee Mile	1.51
Location	Land Side
Category	Earthen Levee
Item	Slope Stability
Another view of the levee damage landward of Unit 4 levee mile 1.51. Photo taken 11-23-2011.	
phillips_f_20111212_148.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 W : Watch/Monitor</p>	<p>N : Not Inspected, see Inspector Comment C : Corrected</p>
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**Flood Control Project Maintenance
Levee Inspections
Unit Cover Sheet
Fall 2011 Levee Inspection Results
Madera County FCWCA**

Waterway	Bank	Unit Miles
Unit No. 05 Fresno River	Right	9.20

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	5/3/2011 - 5/3/2011		11/22/2011 - 11/22/2011	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	Dario Dominguez <small>Madera County Resource Management</small>		Dario Dominguez <small>Madera County Resource Management</small>	
	Glenn Eastes <small>Madera County Engineering Department</small>		Glenn Eastes <small>Madera County Engineering Department</small>	
	Joe Hernandez <small>Madera County Flood Control</small>		Joe Hernandez <small>Madera County Flood Control</small>	

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DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Suite 200
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.20	11/22/2011 11/22/2011	Herman Phillips

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.00	0.00	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	36.978556 ° -120.368458 °	36.978556 ° -120.368458 °	1 Y
2	0.01	2.34	Earthen Levee	Vegetation	CR	M	Remove the wild growth other than native grasses from the levee slopes.	36.978556 ° -120.368458 °	36.967947 ° -120.332398 °	9
3	0.19	0.40	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	36.977998 ° -120.365077 °	36.976882 ° -120.361610 °	3
4	0.20	0.26	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Bait stations has been placed along the levee slope. 2011	36.977967 ° -120.364960 °	36.977715 ° -120.363902 °	4
5	0.48	0.48	Earthen Levee	Encroachments	LS	M	Debris	36.976233 ° -120.360630 °	36.976233 ° -120.360630 °	2
6	0.54	0.56	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	36.975520 ° -120.359788 °	36.975350 ° -120.359548 °	5
7	0.86	1.13	Earthen Levee	Crown Surface / Depressions / Rutting	LS	M	Regrade the crown roadway for proper drainage.	36.972344 ° -120.355692 °	36.968963 ° -120.353347 °	13
8	1.30	1.39	Earthen Levee	Crown Surface / Depressions / Rutting	LS	M	Regrade the crown roadway for proper drainage.	36.967858 ° -120.351064 °	36.967868 ° -120.349417 °	11
9	1.52	1.60	Earthen Levee	Crown Surface / Depressions / Rutting	LS	M	Regrade the crown roadway for proper drainage.	36.967876 ° -120.347037 °	36.967865 ° -120.345679 °	14
10	1.59	1.63	Earthen Levee	Animal Control	CR	C	Exterminate rodents and backfill and compact or grout burrows.	36.967923 ° -120.345818 °	36.967877 ° -120.345175 °	19
11	1.59	4.10	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	36.967928 ° -120.345813 °	36.968175 ° -120.300922 °	18
12	1.87	4.10	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	36.967870 ° -120.340830 °	36.968172 ° -120.300913 °	20
13	2.34	3.25	Earthen Levee	Vegetation	CR	U	Remove the wild growth other than native grasses from the levee slopes.	36.967948 ° -120.332406 °	36.968016 ° -120.316226 °	6 Y
14	3.32	4.09	Earthen Levee	Vegetation	CR	M	Remove the wild growth other than native grasses from the levee slopes.	36.968075 ° -120.314934 °	36.968174 ° -120.301068 °	8
15	4.24	4.36	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	36.968138 ° -120.298362 °	36.968202 ° -120.296210 °	22
16	4.24	4.36	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	36.968135 ° -120.298355 °	36.968202 ° -120.296210 °	21

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

Levee Inspection Report By Mile - Fall 2011

Madera County FCWCA

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector			
Unit No. 05 Fresno River				Right	9.20	11/22/2011 11/22/2011	Herman Phillips			
LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
17	4.50	5.27	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	36.968230 ° -120.293665 °	36.968247 ° -120.279957 °	23
18	6.46	6.57	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	36.968545 ° -120.258681 °	36.968607 ° -120.256664 °	15
19	6.54	6.67	Earthen Levee	Encroachments	LS	M	Debris	36.968820 ° -120.256064 °	36.968505 ° -120.254894 °	16
20	6.57	6.88	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	36.968453 ° -120.255595 °	36.969510 ° -120.250163 °	17
21	6.63	6.63	Channels	Vegetation & Obstructions	WS	U	Inspector Comments: Unauthorized earthen dam placed across channel.	36.968569 ° -120.254541 °	36.968569 ° -120.254541 °	29 Y
22	6.67	6.75	Earthen Levee	Animal Control	LS	U	Exterminate rodents and backfill and compact or grout burrows.	36.968505 ° -120.254893 °	36.968855 ° -120.253545 °	24 Y
23	6.68	7.09	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: More rodent holes in this area I did not see any rodents. District will place more bait stations in area.	36.968820 ° -120.253632 °	36.969520 ° -120.246368 °	7
24	7.61	7.76	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	36.969577 ° -120.238330 °	36.969725 ° -120.235783 °	12
25	7.68	7.68	Earthen Levee	Erosion / Bank Caving	LS	M	Note and monitor erosion site.	36.969571 ° -120.237051 °	36.969543 ° -120.237041 °	25
26	7.91	7.93	Earthen Levee	Encroachments	LS	M	Firewood	36.970919 ° -120.233529 °	36.971056 ° -120.233226 °	26
27	8.47	8.50	Earthen Levee	Encroachments	LS	M	Firewood	36.972931 ° -120.224024 °	36.972924 ° -120.223538 °	28
28	8.53	8.54	Earthen Levee	Encroachments	LS	M	Debris	37.068720 ° -120.398500 °	36.372730 ° -120.221320 °	27

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.20	11/22/2011 11/22/2011	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Looking downstream from levee mile 0.00 land side of Unit 5 Fresno River. Photo taken 11-24-2010	
phillips_f_20110929_034.jpg	



Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Looking down from levee mile 0.00 water side Unit 5 Fresno River. Photo taken 11-24-2010	
phillips_f_20110929_035.jpg	



Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Fresno River Unit 5 levee mile 0.00 looking downstream waterside. Photo taken 11-22-2011.	
phillips_f_20111209_136.jpg	



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

Levee Inspection Report By Mile - Fall 2011

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.20	11/22/2011 11/22/2011	Herman Phillips

Levee Mile Report Line	13
Start Levee Mile	2.34
End Levee Mile	3.25
Location	Crown
Category	Earthen Levee
Item	Vegetation
Levee mile 2.34-3.25 unsatisfactory growth crown roadway and both slopes. Photo taken 11-22,-2011.	
phillips_f_20111209_137.jpg	



Levee Mile Report Line	21
Start Levee Mile	6.63
End Levee Mile	6.63
Location	Crown
Category	Channels
Item	Vegetation & Obstructions
Unauthorized earthen dam across channel levee mile 6.63. Photo taken 11-22-2011.	
phillips_f_20111209_138.jpg	



Levee Mile Report Line	22
Start Levee Mile	6.67
End Levee Mile	6.75
Location	Land Side
Category	Earthen Levee
Item	Animal Control
Unsatisfactory animal control unit 5. Photo taken 11-22,-2011.	
phillips_f_20111209_139.jpg	



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

Levee Inspection Report By Mile - Fall 2011

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.20	11/22/2011 11/22/2011	Herman Phillips

Levee Mile Report Line	22
Start Levee Mile	6.67
End Levee Mile	6.75
Location	Land Side
Category	Earthen Levee
Item	Animal Control
Continue animal control landward 6.67 to 6.75. Photo taken 11-22-2011.	
phillips_f_20111209_140.jpg	



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable PO : Partially Obstructing N : Not Inspected, see Inspector Comment C : Corrected M : Minimally Acceptable CO : Completely Obstructing U : Unacceptable W : Watch/Monitor</p>
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**Flood Control Project Maintenance
Levee Inspections
Unit Cover Sheet
Fall 2011 Levee Inspection Results
Madera County FCWCA**

Waterway		Bank	Unit Miles
Unit No. 06 Fresno River		Left	9.14

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	5/3/2011 - 5/3/2011		11/22/2011 - 11/22/2011	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	Glenn L. Eastes II Madera County		Glenn L. Eastes II Madera County	
	Joe Hernandez Madera County Flood Control		Joe Hernandez Madera County Flood Control	

Check one:

During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.

During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Suite 200
Sacramento, CA 95821-9000

X _____
Signature of LMA Representative Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.14	11/22/2011 11/22/2011	Herman Phillips

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.00	0.00	Earthen Levee	Vegetation	LS	U	Remove the wild growth other than native grasses from the levee slopes.	36.976950 ° -120.367428 °	36.976950 ° -120.367428 °	20 Y
2	0.18	5.55	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	36.976909 ° -120.364171 °	36.967496 ° -120.273990 °	4
3	0.18	3.23	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	36.976901 ° -120.364174 °	36.967383 ° -120.315330 °	18
4	1.23	3.65	Earthen Levee	Vegetation	CR	M	Remove the wild growth other than native grasses from the levee slopes.	36.967167 ° -120.351039 °	36.967376 ° -120.307719 °	17
5	2.73	2.82	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: District needs to continue using the bait stations in the areas where rodents are visibly active.	36.967317 ° -120.324138 °	36.967302 ° -120.322640 °	13
6	5.41	5.45	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	36.967550 ° -120.276208 °	36.967572 ° -120.275478 °	12
7	5.55	6.23	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	36.967497 ° -120.273990 °	36.967549 ° -120.261772 °	15
8	5.55	6.16	Earthen Levee	Vegetation	CR	M	Remove the wild growth other than native grasses from the levee slopes.	36.967504 ° -120.273877 °	36.967485 ° -120.262972 °	16
9	5.72	5.72	Earthen Levee	Encroachments	LS	M	Material	36.967468 ° -120.270902 °	36.967468 ° -120.270902 °	3 Y
10	5.84	5.84	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	36.967538 ° -120.268660 °	36.967538 ° -120.268660 °	9
11	6.00	6.20	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	36.967530 ° -120.265732 °	36.967545 ° -120.262320 °	8
12	6.22	6.52	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	36.967572 ° -120.261918 °	36.967923 ° -120.256698 °	6
13	6.29	6.47	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	36.967635 ° -120.260798 °	36.967905 ° -120.257615 °	22
14	6.49	7.21	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	36.967854 ° -120.257228 °	36.968813 ° -120.244443 °	11
15	7.21	7.21	Earthen Levee	Trim / Thin Trees	WS	M	Thin trees to allow visibility of the ground and room to flood fight.	36.968803 ° -120.244445 °	36.968803 ° -120.244445 °	14
16	7.73	8.53	Earthen Levee	Vegetation	CR	M	Remove the wild growth other than native grasses from the levee slopes.	36.969203 ° -120.235323 °	36.971430 ° -120.220184 °	10
17	8.10	8.67	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	36.971663 ° -120.229598 °	36.971278 ° -120.219635 °	7

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

Levee Inspection Report By Mile - Fall 2011

Madera County FCWCA

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River				Left	9.14	11/22/2011 11/22/2011	Herman Phillips

LMIR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
18	8.68	8.68	Earthen Levee	Encroachments	WS	M	Debris	36.971312 ° -120.219604 °	36.971312 ° -120.219604 °	5
19	8.75	9.02	Earthen Levee	Vegetation	WS	U	Remove the wild growth other than native grasses from the levee slopes.	36.971708 ° -120.216291 °	36.972637 ° -120.211573 °	19 Y

<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 W : Watch/Monitor</p>	<p>N : Not Inspected, see Inspector Comment C : Corrected</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.14	11/22/2011 11/22/2011	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Levee mile 0.00 Unit 6 Fresno River looking upstream. Photo taken 11-22-2011.	
phillips_f_20111209_143.jpg	



Levee Mile Report Line	9
Start Levee Mile	5.72
End Levee Mile	5.72
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Levee mile 5.72 discarded power poles on landside toe need to be removed from levee section. Photo taken 11-23-2010	
phillips_f_20110929_036.jpg	



Levee Mile Report Line	9
Start Levee Mile	5.72
End Levee Mile	5.72
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Power poles have not been removed. New photo 11-22-2011.	
phillips_f_20111209_141.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 W : Watch/Monitor</p>	<p>N : Not Inspected, see Inspector Comment C : Corrected</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.14	11/22/2011 11/22/2011	Herman Phillips

Levee Mile Report Line	19
Start Levee Mile	8.75
End Levee Mile	9.02
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Looking upstream of Unit 6 Fresno River from levee mile 8.75. Photo taken 11-22-2011.	
phillips_f_20111209_142.jpg	



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