

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015

### Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/21/2015 10/21/2015	Herman Phillips

LM Start		Rating **	A	Issue No.	41
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals				°
					°
DWR ID	DWR_NA0011_01_s _ 2012_41				
Action/Comments					
Inspector Comments: Madera County has a copy of the O&M Manual on hand.					

No Photos

LM Start		Rating **	A	Issue No.	43
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment				°
					°
DWR ID	DWR_NA0011_01_s _ 2012_43				
Action/Comments					
Inspector Comments: Madera County has emergency supplies.					

No Photos

LM Start		Rating **	A	Issue No.	44
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training				°
					°
DWR ID	DWR_NA0011_01_s _ 2012_44				
Action/Comments					
Inspector Comments: Madera County Flood Control has an ongoing training program.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Ash Slough	Right	2.37	10/21/2015 10/21/2015	Herman Phillips

LM Start	0.01	Rating **	A	Issue No.	34
LM End	0.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.046495 °	37.047545 °
				-120.427787 °	-120.423650 °
DWR ID	DWR_NA0011_01_f_2015_34				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Looking upstream from the landside slope no unwanted vegetation.					

Photo 1 of 1 : FA\_2015\_NA0011\_142\_34\_20151021\_00013.jpg



Ash Slough looking upstream from landside levee shoulder.

LM Start	0.01	Rating **	U	Issue No.	26
LM End	1.77	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.046495 °	37.062037 °
				-120.427787 °	-120.404680 °
DWR ID	DWR_NA0011_01_f_2015_26				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Looking upstream at the waterside slope tall unwanted weeds are present.					

Photo 1 of 1 : FA\_2015\_NA0011\_142\_26\_20151021\_00014.jpg



Ash Slough looking upstream at the waterside slope, tall unwanted weeds on the slope.

LM Start	0.04	Rating **	U	Issue No.	20
LM End	0.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.046624 °	37.046682 °
				-120.427317 °	-120.427108 °
DWR ID	DWR_NA0011_01_s_2014_20				
Action/Comments					
Repair slope instability.					
Inspector Comments: This is not a new erosion site, it should be repaired before the condition get any worse.					

Photo 1 of 1 : FA\_2015\_NA0011\_142\_20\_20151021\_00022.jpg



There is damage to the landside slope near the concrete wing wall.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/21/2015 10/21/2015	Herman Phillips

LM Start	0.04	Rating **	M	Issue No.	36
LM End	0.04	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.046589 °	37.046589
				-120.427298 °	-120.427298
DWR ID	DWR_NA0011_01_s _ 2012_36				
Action/Comments					
Tree or limb					

No Photos

LM Start	0.04	Rating **	C	Issue No.	21
LM End	0.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.046638 °	37.046723 °
				-120.427257 °	-120.426957 °
DWR ID	DWR_NA0011_01_s _ 2014_21				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	0.06	Rating **	M	Issue No.	22
LM End	0.85	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.046723 °	37.054221 °
				-120.426957 °	-120.417131 °
DWR ID	DWR_NA0011_01_s _ 2014_22				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/21/2015 10/21/2015	Herman Phillips

LM Start	0.28	Rating **	M	Issue No.	24
LM End	0.87	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.047754 °	37.054506 °
				-120.423295 °	-120.417041 °
DWR ID	DWR_NA0011_01_s _ 2014_24				
Action/Comments					
Keep the crown roadway free of vegetation. Inspector Comments: The levee crown roadway should be free from any vegetation. No change.					

Photo 1 of 1 : FA\_2015\_NA0011\_142\_24\_20150915\_00008.jpg



The levee crown roadway is overgrown with weeds. Photo taken 4-29-2014.

LM Start	0.28	Rating **	M	Issue No.	6
LM End	0.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.047812 °	37.047963 °
				-120.423155 °	-120.422898 °
DWR ID	DWR_NA0011_01_s _ 2012_6				
Action/Comments					
Tree or limb					
Inspector Comments: Noted on the last two inspections.					

No Photos

LM Start	0.33	Rating **	M	Issue No.	8
LM End	0.35	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.048223 °	37.048467 °
				-120.422642 °	-120.422315 °
DWR ID	DWR_NA0011_01_s _ 2012_8				
Action/Comments					
Tree or limb					
Inspector Comments: Noted on the last two inspections.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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### Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/21/2015 10/21/2015	Herman Phillips

LM Start	0.39	Rating **	M	Issue No.	25
LM End	0.62	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.048886 °	37.051208 °
				-120.421838 °	-120.418903 °
DWR ID	DWR_NA0011_01_s _ 2014_25				
Action/Comments					
Repair slope instability.					

No Photos

LM Start	0.44	Rating **	M	Issue No.	11
LM End	0.44	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.049455 °	37.049455 °
				-120.421218 °	-120.421218 °
DWR ID	DWR_NA0011_01_s _ 2012_11				
Action/Comments					
Tree or limb					

No Photos

LM Start	0.45	Rating **	M	Issue No.	39
LM End	0.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.049484 °	37.050574 °
				-120.421017 °	-120.419601 °
DWR ID	DWR_NA0011_01_s _ 2012_39				
Action/Comments					
Tree or limb					
Inspector Comments: Remove the dead trees from the levee section.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/21/2015 10/21/2015	Herman Phillips

LM Start	0.53	Rating **	M	Issue No.	10
LM End	0.53	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.050335 °	37.050335
				-120.419965 °	-120.419965
DWR ID	DWR_NA0011_01_s _ 2012_10				
Action/Comments					
Tree or limb					

No Photos

LM Start	0.62	Rating **	M	Issue No.	37
LM End	0.62	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.051222 °	37.051222 °
				-120.418810 °	-120.418810 °
DWR ID	DWR_NA0011_01_f _ 2015_37				
Action/Comments					
Tree or limb					

No Photos

LM Start	0.70	Rating **	U	Issue No.	16
LM End	0.70	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.052175 °	37.052175 °
				-120.417998 °	-120.417998 °
DWR ID	DWR_NA0011_01_s _ 2013_16				
Action/Comments					
Tree or limb					
Inspector Comments: This tree was blown down by high winds, District needs to completely remove from levee section. Issue not corrected.					

Photo 1 of 1 : FA\_2015\_NA0011\_142\_16\_20150915\_00003.jpg



This dead tree has not been removed from the levee section, the shoulder, slope and toe is blocked. Photo taken 4-29-2014. There is no new picture for this issue. No change has been made prior to Fall inspection 2014.

* Location		** Rating		+ Issue Type	
LS : Land Side    N/A : Not Applicable		A : Acceptable		Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable		Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable		En : Enforcement	
		N : Not Inspected/Rated			
		C : Corrected			
		A/W : Acceptable but Monitor & Maintain			



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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/21/2015 10/21/2015	Herman Phillips

LM Start	1.17	Rating **	U	Issue No.	38
LM End	1.37	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.056380 °	37.058520 °
				-120.412483 °	-120.410257 °
DWR ID	DWR_NA0011_01_f _ 2015_38				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comments: The slope will have to be put back in place damaged by equipment.					

Photo 1 of 3 : FA\_2015\_NA0011\_142\_38\_20151021\_00018.jpg



The levee slope has been damaged by equipment, the farmer has cut the toe away while working too close to the levee.

LM Start	<b>1.17</b>	Rating **	U	Issue No.	<b>38 (cont)</b>
LM End	<b>1.37</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : FA\_2015\_NA0011\_142\_38\_20151021\_00019.jpg



Slope damage at toe of the water sidelevee section.

LM Start	<b>1.17</b>	Rating **	U	Issue No.	<b>38 (cont)</b>
LM End	<b>1.37</b>	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : FA\_2015\_NA0011\_142\_38\_20151021\_00020.jpg



Another view of the damaged toe.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain
N/A : Not Applicable		Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/21/2015 10/21/2015	Herman Phillips

LM Start	1.45	Rating **	M	Issue No.	7
LM End	2.34	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.059113 °	37.068344 °
				-120.408880 °	-120.398780 °
DWR ID	DWR_NA0011_01_s _ 2013_7				
Action/Comments					
Repair slope instability.					

No Photos

LM Start	2.37	Rating **	U	Issue No.	17
LM End	2.40	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.068737 °	37.068737 °
				-120.398570 °	-120.396570 °
DWR ID	DWR_NA0011_01_s _ 2013_17				
Action/Comments					
Repair slope instability. Inspector Comments: The farmer has plowed up the waterside berm too close to the levee toe causing damage to the levee toe also this method transfers the bamboo roots along the berm. Spraying is needed to kill the new growth. This method of maintaining the waterside cannot continue.					

Photo 1 of 1 : FA\_2015\_NA0011\_142\_17\_20150915\_00004.jpg



Ash Slough levee toe damaged by farm equipment discing too close.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/21/2015 10/21/2015	Herman Phillips

LM Start	0.00	Rating **	U	Issue No.	39
LM End	1.67	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.045485 °	37.060091 °
				-120.427423 °	-120.405340 °
DWR ID	DWR_NA0011_02_f _ 2015_39				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: The levee section waterside is covered with rodents and rodent holes.					

Photo 1 of 1 : FA\_2015\_NA0011\_143\_39\_20151027\_00010.jpg



Ash Slough looking upstream from levee mile 0.00-1.67 waterside slope.

LM Start	0.00	Rating **	U	Issue No.	34
LM End	2.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.045485 °	37.064023 °
				-120.427423 °	-120.401097 °
DWR ID	DWR_NA0011_02_f_2015_34				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Remove the weeds from the waterside levee slope and shoulder.					

Photo 1 of 1 : FA\_2015\_NA0011\_143\_34\_20151027\_00011.jpg



Ash Slough looking upstream from levee mile 0.00 tall weeds covering water side levee slope and shoulder.

LM Start	0.00	Rating **	U	Issue No.	30
LM End	2.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.045485 °	37.064122 °
				-120.427423 °	-120.401030 °
DWR ID	DWR_NA0011_02_f_2015_30				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Control the wild vegetation on the landside levee slope. This vegetation is providing habitat for rodents.					

Photo 1 of 1 : FA\_2015\_NA0011\_143\_30\_20151026\_00009.jpg



<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/21/2015 10/21/2015	Herman Phillips

LM Start	0.04	Rating **	U	Issue No.	19
LM End	1.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.045685 °	37.060091 °
				-120.426820 °	-120.405342 °
DWR ID	DWR_NA0011_02_f _ 2012_19				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: The rodents here on the landside need to be controlled. Bait stations are needed.					

Photo 1 of 1 : FA\_2015\_NA0011\_143\_19\_20150915\_00003.jpg



Large rodent mounds underneath vine growth on the landside slope.

LM Start	0.21	Rating **	M	Issue No.	46
LM End	0.21	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.046533 °	37.046533 °
				-120.423762 °	-120.423762 °
DWR ID	DWR_NA0011_02_f _ 2015_46				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	0.27	Rating **	M	Issue No.	21
LM End	0.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.046937 °	37.047192 °
				-120.422815 °	-120.422517 °
DWR ID	DWR_NA0011_02_s _ 2012_21				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/21/2015 10/21/2015	Herman Phillips

LM Start	0.32	Rating **	M	Issue No.	28
LM End	0.32	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.047416 °	37.047416 °
				-120.422142 °	-120.422142 °
DWR ID	DWR_NA0011_02_f_2012_28				
Action/Comments					
Tree or limb					
Inspector Comments: Remove the dead tree limbs from the waterside slope.					

No Photos

LM Start	0.52	Rating **	M	Issue No.	35
LM End	0.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.049289 °	37.049289 °
				-120.419542 °	-120.419542 °
DWR ID	DWR_NA0011_02_s_2013_35				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

No Photos

LM Start	0.97	Rating **	M	Issue No.	44
LM End	1.38	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.054830 °	37.057948 °
				-120.415600 °	-120.409763 °
DWR ID	DWR_NA0011_02_f_2014_44				
Action/Comments					
Keep the crown roadway free of vegetation.					
Inspector Comments: Keep crown roadway free of vegetation.					

Photo 1 of 1 : FA\_2015\_NA0011\_143\_44\_20150915\_00008.jpg



Crown roadway from 0.98 to 1.40 tall grasses present.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/21/2015 10/21/2015	Herman Phillips

LM Start	1.03	Rating **	M	Issue No.	3
LM End	1.23	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.055115 °	37.056050 °
				-120.414588 °	-120.411178 °
DWR ID	DWR_NA0011_02_s_2012_3				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	1.10	Rating **	U	Issue No.	1
LM End	1.19	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.055596 °	37.055596 °
				-120.412647 °	-120.412647 °
DWR ID					
Action/Comments					
Inspector Comments: 09/08/2015: No significant change observed. 07/22/2014: No significant change observed. 08/30/2013: No significant change observed. 07/31/2012: Site was visited on 07/24/2012. No significant change observed. Dense vegetation around the site 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. [2015 Site ID:NA0011U02RM2.57]					

Photo 1 of 2 : SJR2015\_NA0011U02RM2.57\_3.jpg



Debris at the site.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/21/2015 10/21/2015	Herman Phillips

LM Start	1.10	Rating **	U	Issue No.	1 (cont)	
LM End	1.19	Issue Type +	Ma	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR Erosion Survey			37.055596 °	37.055596 °	
				-120.412647 °	-120.412647 °	
DWR ID						
Action/Comments						
Inspector Comments: 09/08/2015: No significant change observed. 07/22/2014: No significant change observed. 08/30/2013: No significant change observed. 07/31/2012: Site was visited on 07/24/2012. No significant change observed. Dense vegetation around the site 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. [2015 Site ID:NA0011U02RM2.57]						

Photo 2 of 2 : SJR2015\_NA0011U02RM2.57\_4.jpg



Close view of the site with the dead tree.

LM Start	1.28	Rating **	M	Issue No.	41
LM End	1.36	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.056763 °	37.057704 °
				-120.410623 °	-120.410037 °
DWR ID	DWR_NA0011_02_s_2014_41				
Action/Comments					
Tree or limb					
Inspector Comments: Remove the dead tree limbs from the water side slope.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015

### Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/21/2015 10/21/2015	Herman Phillips

LM Start	1.38	Rating **	M	Issue No.	16
LM End	2.02	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.057896 °	37.063896 °
				-120.409687 °	-120.401232 °
DWR ID	DWR_NA0011_02_s _ 2012_16				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: Remove the vegetation from crown roadway.					

No Photos

LM Start	1.39	Rating **	M	Issue No.	42
LM End	1.39	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.057989 °	37.057989 °
				-120.409581 °	-120.409581 °
DWR ID	DWR_NA0011_02_s _ 2014_42				
Action/Comments					
Tree or limb					
Inspector Comments: Remove the tree limbs from the water side levee slope.					

No Photos

LM Start	1.46	Rating **	U	Issue No.	43
LM End	1.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.058335 °	37.058520 °
				-120.408434 °	-120.407791 °
DWR ID	DWR_NA0011_02_s _ 2014_43				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comments: Remove the tree limbs from the levee slope.					

Photo 1 of 1 : FA\_2015\_NA0011\_143\_43\_20150915\_00007.jpg



Dead fallen tree not removed from levee section, reported in Spring inspection.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/21/2015 10/21/2015	Herman Phillips

LM Start	1.51	Rating **	M	Issue No.	25
LM End	1.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.058652 °	37.058802 °
				-120.407638 °	-120.407350 °
DWR ID	DWR_NA0011_02_s _ 2012_25				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015

### Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/21/2015 10/21/2015	Herman Phillips

LM Start	0.01	Rating **	M	Issue No.	1
LM End	1.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.996606 °	36.996592 °
				-120.373860 °	-120.355160 °
DWR ID	DWR_NA0011_03_s _ 2013_1				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: Remove the unwanted tumble weeds and other weeds from the land side levee section.					

Photo 1 of 1 : FA\_2015\_NA0011\_144\_1\_20151026\_00009.jpg



Berenda Slough Unit 3 levee mile 0.01 looking upstream from the  
landside slope to levee mile 1.04.

LM Start	0.03	Rating **	M	Issue No.	35
LM End	0.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.996618 °	36.996618 °
				-120.373116 °	-120.373116 °
DWR ID	DWR_NA0011_03_f _ 2012_35				
Action/Comments					
Trim trees over roadway to at least 12 feet above ground level. Inspector Comments: Tree drags against vehicles as they pass by. Remove overhanging tree limbs.					

No Photos

LM Start	0.04	Rating **	M	Issue No.	45
LM End	0.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.996522 °	36.996522 °
				-120.372980 °	-120.372980 °
DWR ID	DWR_NA0011_03_s _ 2012_45				
Action/Comments					
Tree or limb					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/21/2015 10/21/2015	Herman Phillips

LM Start	0.05	Rating **	M	Issue No.	28
LM End	0.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.996442 °	36.996442
				-120.372848 °	-120.372848
DWR ID	DWR_NA0011_03_f _ 2014_28				
Action/Comments					
Tree or limb					

No Photos

LM Start	0.06	Rating **	M	Issue No.	18
LM End	0.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.996378 °	36.996378 °
				-120.372738 °	-120.372738 °
DWR ID	DWR_NA0011_03_f_2014_18				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	0.08	Rating **	M	Issue No.	32
LM End	0.89	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			36.996264 °	36.996273 °
				-120.372350 °	-120.357666 °
DWR ID	DWR_NA0011_03_s_2014_32				
Action/Comments					
Add appropriate gravel or road base. Grade and compact.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015

### Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/21/2015 10/21/2015	Herman Phillips

LM Start	0.08	Rating **	M	Issue No.	20
LM End	0.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.996204 °	36.996201 °
				-120.372352 °	-120.372345 °
DWR ID	DWR_NA0011_03_s_2012_20				
Action/Comments					
Debris					

No Photos

LM Start	0.71	Rating **	U	Issue No.	41
LM End	1.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.996240 °	36.996583 °
				-120.361028 °	-120.346680 °
DWR ID	DWR_NA0011_03_f_2014_41				
Action/Comments					
Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comments: Need bait stations present where rodents are active.					

Photo 1 of 2 : FA\_2015\_NA0011\_144\_41\_20151026\_00010.jpg



Large rodent holes along the landside shoulder and slope of Berenda Slough.

LM Start	<b>0.71</b>	Rating **	U	Issue No.	<b>41 (cont)</b>
LM End	<b>1.51</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA\_2015\_NA0011\_144\_41\_20151026\_00011.jpg



View of other rodent holes in the landside levee slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/21/2015 10/21/2015	Herman Phillips

LM Start	0.87	Rating **	M	Issue No.	39
LM End	0.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.996261 °	36.996261 °
				-120.358095 °	-120.358095 °
DWR ID	DWR_NA0011_03_s _ 2013_39				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comments: Trim the tree limbs up off the levee slope.					

No Photos

LM Start	1.04	Rating **	U	Issue No.	44
LM End	1.51	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.996592 °	36.996583 °
				-120.355155 °	-120.346680 °
DWR ID	DWR_NA0011_03_s _ 2014_44				
Action/Comments					
Keep the crown roadway free of vegetation.					
Inspector Comments: Keep crown roadway free of vegetation.					

Photo 1 of 1 : FA\_2015\_NA0011\_144\_44\_20150915\_00007.jpg



Looking upstream from levee mile 1.04 to levee mile 1.52 crown roadway overgrown with tall weeds.

LM Start	1.04	Rating **	M	Issue No.	48
LM End	1.51	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.996609 °	36.996583 °
				-120.355090 °	-120.346680 °
DWR ID	DWR_NA0011_03_s _ 2014_48				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: Not able to see rodent holes on levee slope due to wild growth blocking view.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015

### Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/21/2015 10/21/2015	Herman Phillips

LM Start	1.04	Rating **	U	Issue No.	11
LM End	1.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.996613 °	36.996610 °
				-120.355055 °	-120.354995 °
DWR ID	DWR_NA0011_03_s_2012_11				
Action/Comments					
Trim trees to at least five feet above ground level. Inspector Comments: These walnut trees are blocking the view and inspection of the landside levee shoulder and slope. Cut them back in order that the ground can be seen.					

Photo 1 of 1 : FA\_2015\_NA0011\_144\_11\_20151026\_00013.jpg



Berenda Slough Unit 3 looking upstream from levee mile 1.04-1.05 walnut trees blocking the view of the landside levee section.

LM Start	1.04	Rating **	U	Issue No.	4
LM End	1.51	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.996568 °	36.996583 °
				-120.355028 °	-120.346680 °
DWR ID	DWR_NA0011_03_s_2012_4				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: Tall unwanted weeds and trees on the slope and shoulder waterside looking upstream.					

Photo 1 of 1 : FA\_2015\_NA0011\_144\_4\_20151026\_00012.jpg



Berenda Slough looking downstream from the waterside levee slope and shoulder.

LM Start	1.07	Rating **	M	Issue No.	15
LM End	1.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.996618 °	36.996633 °
				-120.354538 °	-120.354012 °
DWR ID	DWR_NA0011_03_s_2012_15				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015

### Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/21/2015 10/21/2015	Herman Phillips

LM Start	1.12	Rating **	U	Issue No.	27
LM End	1.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.996610 °	36.996611 °
				-120.353753 °	-120.346460 °
DWR ID	DWR_NA0011_03_s _ 2012_27				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: Remove the unwanted tall tumble weeds and other vegetation on the slope and levee section.					

Photo 1 of 1 : FA\_2015\_NA0011\_144\_27\_20151026\_00014.jpg



Berenda Slough looking upstream from levee mile 1.12 to 1.52 unsatisfactory tall tumble weeds on the shoulder and slope.

LM Start	1.24	Rating **	U	Issue No.	17
LM End	1.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.996632 °	36.996632 °
				-120.351463 °	-120.351463 °
DWR ID	DWR_NA0011_03_s _ 2012_17				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: Trim the tree blocking the levee slope landside.					

Photo 1 of 1 : FA\_2015\_NA0011\_144\_17\_20150915\_00004.jpg



Looking upstream landward levee mile 1.26 tree growth blocks slope, shoulder and portion on the crown roadway.

LM Start	1.26	Rating **	M	Issue No.	30
LM End	1.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.996603 °	36.996603 °
				-120.351115 °	-120.351115 °
DWR ID	DWR_NA0011_03_s _ 2012_30				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

No Photos

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015

### Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/21/2015 10/21/2015	Herman Phillips

LM Start	0.01	Rating **	U	Issue No.	2
LM End	0.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.995499 °	36.995610 °
				-121.373370 °	-120.365297 °
DWR ID	DWR_NA0011_04_s_2012_2				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: Did not see any rodents but there is activity here at location, fresh holes present along slope and toe. No new photo taken here.					

Photo 1 of 1 : FA\_2015\_NA0011\_145\_2\_20150915\_00002.jpg



Large rodent holes on landside slope looking upstream from levee mile 0.01. Photo taken 4-24-2014. No new photo taken no maintenance has been done Fall 2014.

LM Start	0.01	Rating **	U	Issue No.	5
LM End	1.49	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.995507 °	36.995597 °
				-120.373318 °	-120.346548 °
DWR ID	DWR_NA0011_04_f_2015_5				
Action/Comments					
Keep the crown roadway free of vegetation.					

Photo 1 of 1 : FA\_2015\_NA0011\_145\_5\_20151026\_00016.jpg



Berenda Slough looking upstream

LM Start	0.01	Rating **	U	Issue No.	1
LM End	1.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.995493 °	36.995593 °
				-120.373242 °	-120.346400 °
DWR ID	DWR_NA0011_04_f_2014_1				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: No maintenance has been done here for several years now. The tumble weeds are 3.0 feet tall on both slopes.					

Photo 1 of 1 : FA\_2015\_NA0011\_145\_1\_20151026\_00015.jpg



Berenda Slough looking upstream from levee mile 0.01- 1.50the tumble weeds has taken over the levee slope and crown.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015

### Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/21/2015 10/21/2015	Herman Phillips

LM Start	0.01	Rating **	U	Issue No.	4
LM End	1.60	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.995493 °	36.996215 °
				-120.373242 °	-120.344808 °
DWR ID	DWR_NA0011_04_f_2014_4				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: No maintenance has been done in several years, the weeds are 3.0 feet tall. The condition of the levee slopes can't be seen through wild weeds.					

Photo 1 of 1 : FA\_2015\_NA0011\_145\_4\_20151026\_00014.jpg



Berenda Slough looking upstream at the waterside levee slope and shoulder levee mile 0.01- 1.60.

LM Start	0.06	Rating **	M	Issue No.	20
LM End	0.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.995597 °	36.995597 °
				-120.372391 °	-120.372391 °
DWR ID	DWR_NA0011_04_f_2012_20				
Action/Comments					
Tree or limb					

No Photos

LM Start	0.08	Rating **	M	Issue No.	25
LM End	0.08	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.995557 °	36.995557 °
				-120.372062 °	-120.372062 °
DWR ID	DWR_NA0011_04_s_2013_25				
Action/Comments					
Trim trees over roadway to at least 12 feet above ground level. Inspector Comments: Remove the dead tree that's hanging over the roadway.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	



**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/21/2015 10/21/2015	Herman Phillips

LM Start	0.12	Rating **	M	Issue No.	26
LM End	0.12	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.995532 °	36.995532
				-120.371428 °	-120.371428
DWR ID	DWR_NA0011_04_s_2013_26				
Action/Comments					
Trim trees over roadway to at least 12 feet above ground level.					

No Photos

LM Start	0.14	Rating **	U	Issue No.	15
LM End	0.14	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.995528 °	36.995528 °
				-120.370922 °	-120.370922 °
DWR ID	DWR_NA0011_04_f_2015_15				
Action/Comments					
Tree or limb Inspector Comments: There are many dead trees in the area. This one happened to be blocking the crown roadway. Remove the dead trees from the levee section. Many more are subject to fall and further block access to the levee crown.					

Photo 1 of 1 : FA\_2015\_NA0011\_145\_15\_20151026\_00017.jpg



Berenda Slough looking upstream from levee mile 0.14 at dead tree blocking the levee crown roadway.

LM Start	0.28	Rating **	M	Issue No.	21
LM End	0.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.995564 °	36.995564 °
				-120.368540 °	-120.368540 °
DWR ID	DWR_NA0011_04_f_2012_21				
Action/Comments					
Tree or limb					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015

### Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/21/2015 10/21/2015	Herman Phillips

LM Start	0.47	Rating **	U	Issue No.	16
LM End	0.47	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.995603 °	36.995603 °
				-120.364978 °	-120.364978 °
DWR ID	DWR_NA0011_04_s _ 2014_16				
Action/Comments					
Tree or limb					
Inspector Comments: This dead tree on water ward slope should be removed from levee section. Not removed during fall inspection 2015.					

Photo 1 of 1 : FA\_2015\_NA0011\_145\_16\_20150915\_00008.jpg



A large cottonwood tree has fallen down across levee slope and shoulder should be removed from levee section. Tree not removed during Fall 2014.

LM Start	0.94	Rating **	M	Issue No.	29
LM End	1.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.995552 °	36.995474 °
				-120.356537 °	-120.350890 °
DWR ID	DWR_NA0011_04_s _ 2013_29				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: There need to be bait stations placed along the infested area. There are signs of activity although no rodent was seen.					

No Photos

LM Start	1.51	Rating **	U	Issue No.	9
LM End	1.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			36.995611 °	36.995611 °
				-120.346236 °	-120.346236 °
DWR ID	DWR_NA0011_04_s _ 2012_9				
Action/Comments					
Repair slope instability. Inspector Comments: The Madera County Resource Management Agency will be sending the landowner a letter addressing this damage. The damage here was caused by a Contractor. 11-01-2012 no repairs have been done to this site. 4-16-2013 this site was inspected and no repairs have been made by landowner. Fall 2014 no change.					

Photo 1 of 2 : FA\_2015\_NA0011\_145\_9\_20150915\_00005.jpg



Levee mile 1.51 levee damaged by the landowner. Photo taken 4-24-2014.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015

### Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/21/2015 10/21/2015	Herman Phillips

LM Start	1.51	Rating **	U	Issue No.	9 (cont)	
LM End	1.51	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Slope Stability			36.995611 °	36.995611 °	
				-120.346236 °	-120.346236 °	
DWR ID	DWR_NA0011_04_s _ 2012_9					
Action/Comments						
Repair slope instability. Inspector Comments: The Madera County Resource Management Agency will be sending the landowner a letter addressing this damage. The damage here was caused by a Contractor. 11-01-2012 no repairs have been done to this site. 4-16-2013 this site was inspected and no repairs have been made by landowner. Fall 2014 no change.						

Photo 2 of 2 : FA\_2015\_NA0011\_145\_9\_20150915\_00006.jpg



Levee mile 1.51 landward slope remains unrepaired by the landowner. Photo taken 4-24-2014. No new photo taken Fall 2014. no change.

LM Start	1.63	Rating **	U	Issue No.	30
LM End	2.23	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.996503 °	37.003308 °
				-120.344465 °	-120.337550 °
DWR ID	DWR_NA0011_04_f _ 2014_30				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: Bait stations are needed in Rodent infested area.					

Photo 1 of 2 : FA\_2015\_NA0011\_145\_30\_20150915\_00011.jpg



Berenda Slough looking downstream from levee mile 1.65 waterside large rodent holes on slope.

LM Start	<b>1.63</b>	Rating **	U	Issue No.	<b>30 (cont)</b>
LM End	<b>2.23</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA\_2015\_NA0011\_145\_30\_20151026\_00019.jpg



Berenda Slough looking upstream water side levee slope covered with rodent holes.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/21/2015 10/21/2015	Herman Phillips

LM Start	1.63	Rating **	U	Issue No.	57
LM End	2.23	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.996574 °	37.003328 °
				-120.344430 °	-120.337604 °
DWR ID	DWR_NA0011_04_s _ 2012_57				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: The District really needs to do a better job of controlling the rodents. There should be bait stations with rodent bait in place. (2013).					

Photo 1 of 1 : FA\_2015\_NA0011\_145\_57\_20151026\_00018.jpg



Berenda Slough looking downstream from the landside slope at large rodent holes on the slope shoulder and crown roadway.

LM Start	1.63	Rating **	M	Issue No.	59
LM End	1.67	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.996573 °	36.997002 °
				-120.344428 °	-120.343977 °
DWR ID	DWR_NA0011_04_s _ 2012_59				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/22/2015 10/22/2015	Herman Phillips

LM Start	0.00	Rating **	U	Issue No.	7
LM End	4.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.978557 °	36.968152 °
				-120.368423 °	-120.301103 °
DWR ID	DWR_NA0011_05_f _ 2015_7				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Remove the unsatisfactory tall tumble weed from the landside slope.					

Photo 1 of 1 : FA\_2015\_NA0011\_146\_7\_20151022\_00011.jpg



Fresno River levee mile 0.00 looking downstream landside slope.

LM Start	0.00	Rating **	U	Issue No.	8
LM End	4.05	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.978557 °	36.968152 °
				-120.368423 °	-120.301103 °
DWR ID	DWR_NA0011_05_f_2015_8				
Action/Comments					
Keep the crown roadway free of vegetation. Inspector Comments: Looking downstream from levee mile 0.00 crown roadway overgrown with tumble weeds.					

Photo 1 of 1 : FA\_2015\_NA0011\_146\_8\_20151022\_00010.jpg



Remove the unsatisfactory weeds from the crown roadway from 0.00 to 4.05.

LM Start	0.00	Rating **	U	Issue No.	9
LM End	4.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.978557 °	36.968192 °
				-120.368423 °	-120.300930 °
DWR ID	DWR_NA0011_05_f_2015_9				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Remove the tumble weed and other tall unwanted weeds from the landside levee slope and toe.					

Photo 1 of 1 : FA\_2015\_NA0011\_146\_9\_20151027\_00019.jpg



Fresno River looking downstream from levee mile 0.00 waterside slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015

### Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/22/2015 10/22/2015	Herman Phillips

LM Start	0.19	Rating **	M	Issue No.	3
LM End	0.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.977998 °	36.976882 °
				-120.365077 °	-120.361610 °
DWR ID	DWR_NA0011_05_s _ 2012_3				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	0.20	Rating **	M	Issue No.	4
LM End	0.26	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.977967 °	36.977715 °
				-120.364960 °	-120.363902 °
DWR ID	DWR_NA0011_05_s _ 2012_4				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	0.39	Rating **	U	Issue No.	10
LM End	0.43	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.976962 °	36.976635 °
				-120.361762 °	-120.361193 °
DWR ID	DWR_NA0011_05_f _ 2015_10				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: Exterminate the rodents and back fill the holes. Bait stations are needed in this area.					

Photo 1 of 1 : FA\_2015\_NA0011\_146\_10\_20151022\_00012.jpg



Huge rodent holes in the crown road way levee mile 0.39 to 0.43.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015

### Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/22/2015 10/22/2015	Herman Phillips

LM Start	0.54	Rating **	M	Issue No.	5
LM End	0.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.975520 °	36.975350 °
				-120.359788 °	-120.359548 °
DWR ID	DWR_NA0011_05_s _ 2012_5				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	0.60	Rating **	M	Issue No.	12
LM End	4.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.974985 °	36.968175 °
				-120.358977 °	-120.300920 °
DWR ID	DWR_NA0011_05_f _ 2015_12				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	0.86	Rating **	M	Issue No.	13
LM End	1.13	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			36.972344 °	36.968963 °
				-120.355692 °	-120.353347 °
DWR ID	DWR_NA0011_05_s _ 2012_13				
Action/Comments					
Add appropriate material and re-grade the levee to bring the crown above the design elevation.					
Inspector Comments: Regrade the crown for proper drainage.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015

### Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/22/2015 10/22/2015	Herman Phillips

LM Start	1.18	Rating **	M	Issue No.	16
LM End	1.19	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			36.968354 °	36.968272 °
				-120.352761 °	-120.352623 °
DWR ID	DWR_NA0011_05_f _ 2012_16				
Action/Comments					
Add appropriate material and re-grade the levee to bring the crown above the design elevation.					

No Photos

LM Start	1.28	Rating **	M	Issue No.	11
LM End	1.37	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			36.967858 °	36.967868 °
				-120.351064 °	-120.349417 °
DWR ID	DWR_NA0011_05_s _ 2012_11				
Action/Comments					
Repair depressions or ruts in the crown or slope.					

No Photos

LM Start	1.51	Rating **	M	Issue No.	30
LM End	1.85	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			36.967901 °	36.967931 °
				-120.347012 °	-120.340852 °
DWR ID	DWR_NA0011_05_f _ 2012_30				
Action/Comments					
Add appropriate material and re-grade the levee to bring the crown above the design elevation.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015

### Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/22/2015 10/22/2015	Herman Phillips

LM Start	2.50	Rating **	M	Issue No.	19
LM End	2.50	Issue Type +	Ma	Location *	WS
Category	Rivers, Channels & Designated Floodways			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.968222 °	36.968222 °
				-120.329131 °	-120.329131 °
DWR ID	DWR_NA0011_05_s_2012_19				
Action/Comments					
Inspector Comments: Trash in channel.					

No Photos

LM Start	2.80	Rating **	U	Issue No.	24
LM End	3.23	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.968030 °	36.968082 °
				-120.323677 °	-120.315832 °
DWR ID	DWR_NA0011_05_f_2015_24				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: Exterminate the rodents at this location.					

Photo 1 of 2 : FA\_2015\_NA0011\_146\_24\_20151022\_00013.jpg



Crown road way levee mile 2.80 to 3.23 covered with active rodent holes.

LM Start	<b>2.80</b>	Rating **	U	Issue No.	<b>24 (cont)</b>
LM End	<b>3.23</b>	Issue Type +	Ma	Location *	CR

Photo 2 of 2 : FA\_2015\_NA0011\_146\_24\_20151022\_00014.jpg



More holes that shows activity.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/22/2015 10/22/2015	Herman Phillips

LM Start	4.08	Rating **	A	Issue No.	27
LM End	6.56	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.968118 °	36.968505 °
				-120.300468 °	-120.255723 °
DWR ID	DWR_NA0011_05_f _ 2015_27				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	4.08	Rating **	A	Issue No.	26
LM End	9.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.968118 °	36.973318 °
				-120.300468 °	-120.211628 °
DWR ID	DWR_NA0011_05_f _ 2015_26				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	4.20	Rating **	M	Issue No.	21
LM End	4.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.968135 °	36.968202 °
				-120.298355 °	-120.296210 °
DWR ID	DWR_NA0011_05_s _ 2012_21				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015

### Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/22/2015 10/22/2015	Herman Phillips

LM Start	4.46	Rating **	M	Issue No.	23
LM End	5.22	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.968230 °	36.968247 °
				-120.293665 °	-120.279957 °
DWR ID	DWR_NA0011_05_s _ 2012_23				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	6.57	Rating **	C	Issue No.	17
LM End	6.88	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.968453 °	36.969510 °
				-120.255595 °	-120.250163 °
DWR ID	DWR_NA0011_05_s _ 2012_17				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	6.63	Rating **	U	Issue No.	44
LM End	6.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.968585 °	36.969465 °
				-120.254425 °	-120.251303 °
DWR ID	DWR_NA0011_05_f _ 2014_44				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

Photo 1 of 1 : FA\_2015\_NA0011\_146\_44\_20151022\_00015.jpg



This area was inundated with rodents from 6.63 to 6.82.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/22/2015 10/22/2015	Herman Phillips

LM Start	6.63	Rating **	U	Issue No.	32
LM End	8.89	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.968585 °	36.972670 °
				-120.254425 °	-120.215295 °
DWR ID	DWR_NA0011_05_f _ 2015_32				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Remove the unsatisfactory tall weeds from the waterside levee section.					

Photo 1 of 1 : FA\_2015\_NA0011\_146\_32\_20151022\_00016.jpg



Fresno River waterside levee slope unsatisfactory tall weeds present on shoulder and slope.

LM Start	7.11	Rating **	M	Issue No.	45
LM End	7.52	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.969512 °	36.969528 °
				-120.245957 °	-120.238603 °
DWR ID	DWR_NA0011_05_f_2014_45				
Action/Comments					
Keep the crown roadway free of vegetation.					

No Photos

LM Start	8.11	Rating **	M	Issue No.	37
LM End	8.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.972391 °	36.972399 °
				-120.228857 °	-120.227424 °
DWR ID	DWR_NA0011_05_s_2013_37				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/22/2015 10/22/2015	Herman Phillips

LM Start	0.00	Rating **	U	Issue No.	44
LM End	3.47	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.976915 °	36.967387 °
				-120.367462 °	-120.310417 °
DWR ID	DWR_NA0011_06_f _ 2015_44				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Control the tall weeds from the water side levee slope and shoulder.					

Photo 1 of 1 : FA\_2015\_NA0011\_147\_44\_20151027\_00017.jpg



Fresno River looking upstream from 0.00- 3.47 tall weeds taking over the waterside slope.

LM Start	0.00	Rating **	M	Issue No.	42
LM End	5.88	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.976915 °	36.967508 °
				-120.367462 °	-120.266712 °
DWR ID	DWR_NA0011_06_f_2015_42				
Action/Comments					
Keep the crown roadway free of vegetation.					

No Photos

LM Start	0.18	Rating **	M	Issue No.	18
LM End	3.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.976901 °	36.967383 °
				-120.364174 °	-120.315330 °
DWR ID	DWR_NA0011_06_s_2012_18				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015

### Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/22/2015 10/22/2015	Herman Phillips

LM Start	1.12	Rating **	M	Issue No.	41
LM End	1.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			36.967494 °	36.967207 °
				-120.352670 °	-120.351590 °
DWR ID	DWR_NA0011_06_s _ 2013_41				
Action/Comments					
Repair slope instability.					

No Photos

LM Start	2.71	Rating **	M	Issue No.	13
LM End	2.79	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.967317 °	36.967302 °
				-120.324138 °	-120.322640 °
DWR ID	DWR_NA0011_06_s _ 2012_13				
Action/Comments					
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.					

No Photos

LM Start	4.13	Rating **	U	Issue No.	48
LM End	4.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.967465 °	36.967465 °
				-120.298415 °	-120.298415 °
DWR ID	DWR_NA0011_06_f _ 2014_48				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: Huge rodent hole in crown roadway landward..					

Photo 1 of 1 : FA\_2015\_NA0011\_147\_48\_20150915\_00012.jpg



Huge Rodent hole in crown roadway and many other holes at this location on the slope and toe.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/22/2015 10/22/2015	Herman Phillips

LM Start	4.62	Rating **	M	Issue No.	38
LM End	4.62	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.967497 °	36.967497 °
				-120.289576 °	-120.289576 °
DWR ID	DWR_NA0011_06_s _ 2013_38				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	4.92	Rating **	M	Issue No.	28
LM End	6.47	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.967501 °	36.967893 °
				-120.284141 °	-120.256169 °
DWR ID	DWR_NA0011_06_f _ 2012_28				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	5.36	Rating **	M	Issue No.	12
LM End	5.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.967550 °	36.967572 °
				-120.276208 °	-120.275478 °
DWR ID	DWR_NA0011_06_s _ 2012_12				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015

### Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/22/2015 10/22/2015	Herman Phillips

LM Start	5.78	Rating **	M	Issue No.	9
LM End	5.78	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.967538 °	36.967538
				-120.268660 °	-120.268660
DWR ID	DWR_NA0011_06_s _ 2012_9				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	5.94	Rating **	M	Issue No.	8
LM End	6.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.967530 °	36.967545 °
				-120.265732 °	-120.262320 °
DWR ID	DWR_NA0011_06_s _ 2012_8				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	6.29	Rating **	U	Issue No.	6
LM End	6.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.967743 °	36.967743 °
				-120.259410 °	-120.259410 °
DWR ID	DWR_NA0011_06_f _ 2015_6				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/22/2015 10/22/2015	Herman Phillips

LM Start	6.39	Rating **	M	Issue No.	34
LM End	6.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.967863 °	36.967854 °
				-120.257611 °	-120.256047 °
DWR ID	DWR_NA0011_06_s _ 2013_34				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	6.53	Rating **	C	Issue No.	50
LM End	8.61	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.967923 °	36.971310 °
				-120.255125 °	-120.218905 °
DWR ID	DWR_NA0011_06_f _ 2014_50				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: Control the wild growth of brush from the waterward levee slope.					

No Photos

LM Start	7.63	Rating **	U	Issue No.	27
LM End	8.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.969052 °	36.971510 °
				-120.235442 °	-120.220425 °
DWR ID	DWR_NA0011_06_f _ 2015_27				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Remove the tumble weed and other unwanted tall weeds form the landside levee section.					

Photo 1 of 1 : FA\_2015\_NA0011\_147\_27\_20151027\_00020.jpg



Fresno River Looking at the landside levee slope unsatisfactory tall weeds has covered the slope, shoulder and crown.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015

### Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/22/2015 10/22/2015	Herman Phillips

LM Start	7.68	Rating **	U	Issue No.	26
LM End	8.52	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.969402 °	36.971510 °
				-120.234570 °	-120.220425 °
DWR ID	DWR_NA0011_06_f_2015_26				
Action/Comments					
Keep the crown roadway free of vegetation. Inspector Comments: Remove the tumble weed and other vegetation from the crown roadway.					

Photo 1 of 1 : FA\_2015\_NA0011\_147\_26\_20151027\_00014.jpg



Looking downstream from levee mile 7.68 to 8.52 tumble weed and other vegetation has covered the crown roadway.

LM Start	8.64	Rating **	A	Issue No.	25
LM End	9.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.971352 °	36.972590 °
				-120.218368 °	-120.211937 °
DWR ID	DWR_NA0011_06_f_2015_25				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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