

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/24/2018 10/24/2018	Corey Fujitani

LM Start		Rating **	A	Issue No.	41
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_NA0011_01_s _ 2012_41				
Comment Code					
Inspector Comment					
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 *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_NA0011_01_s _ 2012_43				
Comment Code					
Inspector Comment					
Madera County has emergency supplies.					

No Photos

LM Start		Rating **	M	Issue No.	44
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_NA0011_01_s _ 2012_44				
Comment Code					
Inspector Comment					
Madera County Flood Control has plans to attend flood fight training this year however is a few years removed from last training.					

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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Unit No. 01 Ash Slough	Right	2.37	10/24/2018 10/24/2018	Corey Fujitani

LM Start	0.04	Rating **	U	Issue No.	20
LM End	0.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.046624 °	37.046624 °
				-120.427317 °	-120.427317 °
DWR ID	DWR_NA0011_01_s_2014_20				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
This is not a new erosion site, it should be repaired before the condition get any worse.					

Photo 1 of 1 : FA_2018_NA0011_142_20_20180905_00008.jpg



There is damage to the landside levee slope next to the concrete inlet structure.

LM Start	0.04	Rating **	M	Issue No.	23
LM End	0.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.046620 °	37.047536 °
				-120.427225 °	-120.417766 °
DWR ID	DWR_NA0011_01_f_2018_23				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.06	Rating **	M	Issue No.	19
LM End	2.31	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.046732 °	37.067958 °
				-120.426922 °	-120.398828 °
DWR ID	DWR_NA0011_01_s_2017_19				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

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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Unit No. 01 Ash Slough	Right	2.37	10/24/2018 10/24/2018	Corey Fujitani

LM Start	0.11	Rating **	M	Issue No.	17
LM End	2.36	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.046890 °	37.068730 °
				-120.426137 °	-120.398670 °
DWR ID	DWR_NA0011_01_f_2016_17				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
There were several rodent holes observed in Unit 1 although no rodents were seen during the inspection.					

No Photos

LM Start	0.25	Rating **	U	Issue No.	9
LM End	0.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.047541 °	37.053723 °
				-120.423669 °	-120.417766 °
DWR ID	DWR_NA0011_01_f_2017_9				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : FA_2018_NA0011_142_9_20180905_00001.jpg



Tall weeds should be removed from landside slope.

LM Start	0.25	Rating **	U	Issue No.	16
LM End	0.81	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.047536 °	37.053646 °
				-120.423641 °	-120.417306 °
DWR ID	DWR_NA0011_01_f_2018_16				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA_2018_NA0011_142_16_20181108_00031.jpg



dense vegetation on waterside slope. (Fall 2018)

* 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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/24/2018 10/24/2018	Corey Fujitani

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											
Comment Code												
TR : Tree or limb												
Inspector Comment												
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											
Comment Code												
TR : Tree or limb												
Inspector Comment												
Noted on the last two inspections.												

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											
Comment Code												
TR : Tree or limb												
Inspector Comment												
Remove the dead tree from the waterside slope.												

Photo 1 of 1 : FA_2018_NA0011_142_11_20180905_00002.jpg



Remove downed tree from waterside slope.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	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	10/24/2018 10/24/2018	Corey Fujitani

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				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the tree limbs from the water side slope.					

No Photos

LM Start	0.60	Rating **	U	Issue No.	24
LM End	0.75	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.050991 °	37.052855 °
				-120.419115 °	-120.417611 °
DWR ID	DWR_NA0011_01_f_2018_24				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA_2018_NA0011_142_24_20181108_00032.jpg



control vegetation on levee crown. (Fall 2018)

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				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the tree branches from the waterside slope.					

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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Unit No. 01 Ash Slough	Right	2.37	10/24/2018 10/24/2018	Corey Fujitani

LM Start	0.86	Rating **	A/W	Issue No.	26
LM End	0.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.054333 °	37.054460 °
				-120.417057 °	-120.417043 °
DWR ID	DWR_NA0011_01_f_2016_26				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Maintain the trees to allow visibility of the levee slope.					

No Photos

LM Start	0.90	Rating **	U	Issue No.	27
LM End	1.36	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.054841 °	37.058519 °
				-120.416842 °	-120.410276 °
DWR ID	DWR_NA0011_01_f_2018_27				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA_2018_NA0011_142_27_20181108_00034.jpg



Tall dense brush on waterside shoulder and slope. (Fall 2018)

LM Start	1.04	Rating **	M	Issue No.	29
LM End	1.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.055880 °	37.055880 °
				-120.414628 °	-120.414628 °
DWR ID	DWR_NA0011_01_f_2018_29				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

Photo 1 of 2 : FA_2018_NA0011_142_29_20181108_00035.jpg



* 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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/24/2018 10/24/2018	Corey Fujitani

LM Start	1.04	Rating **	M	Issue No.	29 (cont)	
LM End	1.04	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			37.055880 °	37.055880 °	
				-120.414628 °	-120.414628 °	
DWR ID	DWR_NA0011_01_f_2018_29					
Comment Code						
E1 : Note and monitor erosion site.						
Inspector Comment						

Photo 2 of 2 : FA_2018_NA0011_142_29_20181108_00036.jpg



Erosion on landside slope. (Fall 2018)

LM Start	1.16	Rating **	C	Issue No.	31
LM End	1.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.056385 °	37.057060 °
				-120.412688 °	-120.411380 °
DWR ID	DWR_NA0011_01_s_2017_31				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the unwanted weed growth from the landside slope and shoulder.					

No Photos

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				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Farmer has plowed into the toe of the levee.					

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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/24/2018 10/24/2018	Corey Fujitani

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				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
The levee section waterside is covered with rodent holes. There is no bait stations on this levee section and the weeds here are too tall to see the active rodents. No new photo was taken.					

Photo 1 of 2 : FA_2018_NA0011_143_39_20180905_00024.jpg



Other rodent holes noted in the slope waterside levee section.

LM Start	0.00	Rating **	U	Issue No.	39 (cont)
LM End	1.67	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2018_NA0011_143_39_20180905_00025.jpg



Active rodents spotted in the area waterside slope levee mile 0.00- 1.67.

LM Start	0.03	Rating **	M	Issue No.	19
LM End	1.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.045623 °	37.059952 °
				-120.426988 °	-120.405448 °
DWR ID	DWR_NA0011_02_s_2017_19				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence 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. 02 Ash Slough	Left	2.04	10/24/2018 10/24/2018	Corey Fujitani

LM Start	0.04	Rating **	M	Issue No.	22
LM End	2.00	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.045627 °	37.063718 °
				-120.426788 °	-120.401358 °
DWR ID	DWR_NA0011_02_s_2017_22				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					
Repair the ruts in the crownroadway between levee mile 0.04-2.00.					

No Photos

LM Start	0.12	Rating **	U	Issue No.	40
LM End	0.12	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.046021 °	37.046027 °
				-120.425368 °	-120.425345 °
DWR ID	DWR_NA0011_02_f_2018_40				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA_2018_NA0011_143_40_20181108_00044.jpg



View of vegetation on waterside slope. (Fall 2018)

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				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					
trim tree limb hanging over the crown roadway.					

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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Unit No. 02 Ash Slough	Left	2.04	10/24/2018 10/24/2018	Corey Fujitani

LM Start	0.33	Rating **	U	Issue No.	33
LM End	0.42	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.047485 °	37.048403 °
				-120.422037 °	-120.420810 °
DWR ID	DWR_NA0011_02_s_2017_33				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the dead fallen trees from the water side slope.					

Photo 1 of 1 : FA_2018_NA0011_143_33_20180905_00022.jpg



Dead fallen trees on the waterside levee slope and shoulder.

LM Start	0.35	Rating **	M	Issue No.	14
LM End	0.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.047653 °	37.048304 °
				-120.421813 °	-120.420967 °
DWR ID	DWR_NA0011_02_f_2017_14				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Waterside tree branches hanging over crown interfere with crown access and waterside visibility.					

Photo 1 of 1 : FA_2018_NA0011_143_14_20180905_00010.jpg



Looking downstream at untrimmed tree on waterward shoulder and slope. (Spring 2018)

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				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Trim tree off the slope.					

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	

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Unit No. 02 Ash Slough	Left	2.04	10/24/2018 10/24/2018	Corey Fujitani

LM Start	0.56	Rating **	M	Issue No.	15
LM End	0.56	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.049723 °	37.049723 °
				-120.419026 °	-120.419026 °
DWR ID	DWR_NA0011_02_f_2017_15				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Remove fallen trees and limbs from waterside slope.					

No Photos

LM Start	0.93	Rating **	M	Issue No.	31
LM End	1.13	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.054408 °	37.055573 °
				-120.415950 °	-120.412785 °
DWR ID	DWR_NA0011_02_f_2018_31				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.93	Rating **	M	Issue No.	34
LM End	0.93	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.054407 °	37.054407 °
				-120.415928 °	-120.415928 °
DWR ID	DWR_NA0011_02_s_2017_34				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the prunings from the water side slope.					

Photo 1 of 1 : FA_2018_NA0011_143_34_20180905_00023.jpg



Looking downstream at bush pile on waterward slope. (Spring 2018)

* 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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/24/2018 10/24/2018	Corey Fujitani

LM Start	0.96	Rating **	M	Issue No.	16
LM End	0.96	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.054733 °	37.054733 °
				-120.415732 °	-120.415732 °
DWR ID	DWR_NA0011_02_f_2017_16				
Comment Code					
GA : Garbage					
Inspector Comment					
Remove furniture and other debris from waterside slope.					

Photo 1 of 1 : FA_2018_NA0011_143_16_20180905_00011.jpg



Looking downstream at garage on waterward slope. (Spring 2018)

LM Start	0.98	Rating **	U	Issue No.	27
LM End	1.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.054928 °	37.058752 °
				-120.415482 °	-120.407323 °
DWR ID	DWR_NA0011_02_s_2017_27				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the dead trees from the waterside slope and shoulder.					

Photo 1 of 2 : FA_2018_NA0011_143_27_20180905_00017.jpg



Unit 2 Ash Slough Levee mile 0.98 waterside shoulder and slope

LM Start	0.98	Rating **	U	Issue No.	27 (cont)
LM End	1.52	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2018_NA0011_143_27_20180905_00018.jpg



Levee slope and shoulder looking upstream waterside levee section.

*** 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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/24/2018 10/24/2018	Corey Fujitani

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	NA0011U02RM2.57				

Comment Code

Inspector Comment

09/20/2017: No significant change observed.
 07/22/2016: No significant change observed.
 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. [2017 Site ID:NA0011U02RM2.57]

LM Start	1.10	Rating **	U	Issue No.	1 (cont)
LM End	1.19	Issue Type +	Ma	Location *	WS

Photo 1 of 4 : FA_2018_NA0011_143_1_20180905_00001.jpg



View of the erosion site from the levee crest.

Photo 2 of 4 : FA_2018_NA0011_143_1_20180905_00002.jpg



Close view of the site.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/24/2018 10/24/2018	Corey Fujitani

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	NA0011U02RM2.57				

Comment Code

Inspector Comment

09/20/2017: No significant change observed.
 07/22/2016: No significant change observed.
 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. [2017 Site ID:NA0011U02RM2.57]

LM Start	1.10	Rating **	U	Issue No.	1 (cont)
LM End	1.19	Issue Type +	Ma	Location *	WS

Photo 3 of 4 : FA_2018_NA0011_143_1_20180905_00003.jpg



Vegetation debris at the site.

Photo 4 of 4 : FA_2018_NA0011_143_1_20180905_00004.jpg



Close view of the site.

* 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 2018

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/24/2018 10/24/2018	Corey Fujitani

LM Start	1.11	Rating **	M	Issue No.	17
LM End	1.11	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.055483 °	37.055483 °
				-120.413227 °	-120.413227 °
DWR ID	DWR_NA0011_02_f_2017_17				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Trim branches from waterside tree hanging low over the crown inhibiting crown access.					

No Photos

LM Start	1.13	Rating **	U	Issue No.	10
LM End	2.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.055572 °	37.064087 °
				-120.412778 °	-120.401194 °
DWR ID	DWR_NA0011_02_f_2017_10				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA_2018_NA0011_143_10_20181108_00048.jpg



control wild growth on waterside slope. (Fall 2018)

LM Start	1.39	Rating **	C	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				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the tree limbs from the water side levee slope.					

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 2018

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/24/2018 10/24/2018	Corey Fujitani

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				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					
Trim the trees on the waterside slope levee miles 1.51-1.52.					

Photo 1 of 1 : FA_2018_NA0011_143_25_20180905_00016.jpg



Look downstream at untrimmed tree on waterward slope. (Spring 2018)

LM Start	1.62	Rating **	C	Issue No.	26
LM End	1.62	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.059505 °	37.059505 °
				-120.405946 °	-120.405946 °
DWR ID	DWR_NA0011_02_f_2018_26				
Comment Code					
PR : Prunings					
Inspector Comment					
Pruning pile on waterward shoulder.Should be burned or removed.					

No Photos

LM Start	1.67	Rating **	M	Issue No.	20	
LM End	1.98	Issue Type +	Ma	Location *	CR	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			37.060088 °		°
				-120.405312 °		°
DWR ID	DWR_NA0011_02_f_2018_20					
Comment Code						
V9 : Keep the crown roadway free of vegetation.						
Inspector Comment						

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 2018

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/24/2018 10/24/2018	Corey Fujitani

LM Start	0.00	Rating **	U	Issue No.	3
LM End	1.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.996596 °	36.996612 °
				-120.373711 °	-120.346643 °
DWR ID	DWR_NA0011_03_f_2017_3				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 2 : FA_2018_NA0011_144_3_20181109_00028.jpg



Vegetation on landside slope. (Fall 2018)

LM Start	0.00	Rating **	U	Issue No.	3 (cont)
LM End	1.51	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA_2018_NA0011_144_3_20180905_00001.jpg



Looking downstream at landward slope. (Spring 2018)

LM Start	0.00	Rating **	U	Issue No.	9
LM End	1.51	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.996596 °	36.996613 °
				-120.373711 °	-120.346565 °
DWR ID	DWR_NA0011_03_s_2017_9				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the wild growth from the waterside levee section, spray and mow.					

Photo 1 of 2 : FA_2018_NA0011_144_9_20180905_00012.jpg



Looking downstream at wild growth on waterward slope. (Spring 2018)

* 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 2018

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/24/2018 10/24/2018	Corey Fujitani

LM Start	0.00	Rating **	U	Issue No.	9 (cont)
LM End	1.51	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.996596 °	36.996613 °
				-120.373711 °	-120.346565 °
DWR ID	DWR_NA0011_03_s_2017_9				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the wild growth from the waterside levee section, spray and mow.					

Photo 2 of 2 : FA_2018_NA0011_144_9_20180905_00013.jpg



Looking upstream from the waterside shoulder wild growth covering slope and toe.

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				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					
Tree drags against vehicles as they pass by. Remove overhanging tree limbs.					

No Photos

LM Start	0.05	Rating **	M	Issue No.	12
LM End	1.51	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.996442 °	36.996613 °
				-120.372907 °	-120.346565 °
DWR ID	DWR_NA0011_03_s_2017_12				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
Keep the crown roadway free of all vegetation.					

Photo 1 of 1 : FA_2018_NA0011_144_12_20181109_00029.jpg



Looking upstream at the crown roadway that's covered with wild vegetation. (Fall 2018)

* 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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Madera County FCWCA

No Photos

No Photos

Photo 1 of 1 : FA_2018_NA0011_144_45_20181109_00031.jpg



View of dead branches on landside slope. (Fall 2018)

* 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 2018

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/24/2018 10/24/2018	Corey Fujitani

LM Start	0.40	Rating **	U	Issue No.	6 (cont)	
LM End	1.51	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Animal Control			36.996208 °	36.996607 °	
				-120.366550 °	-120.346568 °	
DWR ID	DWR_NA0011_03_f_2016_6					
Comment Code						
A1 : Exterminate rodents and backfill and compact or grout burrows.						
Inspector Comment						
LMA should install rodent bait stations placed along the landside slope and or shoulder at levee miles listed. No new photo was taken. Unable to see the ground, observed rodents running across the roadway.						

LM Start	0.40	Rating **	U	Issue No.	6 (cont)
LM End	1.51	Issue Type +	Ma	Location *	LS

Photo 2 of 6 : FA_2018_NA0011_144_6_20180905_00006.jpg



Looking at typical rodent holes within this section (Spring 2018)

Photo 3 of 6 : FA_2018_NA0011_144_6_20180905_00007.jpg



Looking at rodent hole with erosion on landward slope. (Spring 2018)

LM Start	0.40	Rating **	U	Issue No.	6 (cont)
LM End	1.51	Issue Type +	Ma	Location *	LS

Photo 4 of 6 : FA_2018_NA0011_144_6_20180905_00008.jpg



Continued rodent activity.

* 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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Madera County FCWCA

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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/24/2018 10/24/2018	Corey Fujitani

LM Start	0.46	Rating **	U	Issue No.	5
LM End	0.46	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.996238 °	36.996238 °
				-120.365563 °	-120.365563 °
DWR ID	DWR_NA0011_03_s_2018_5				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Large rodent hole on crown of levee					

Photo 1 of 1 : FA_2018_NA0011_144_5_20180905_00004.jpg



Looking at rodent hole on levee crown. (Spring 2018)

LM Start	0.71	Rating **	M	Issue No.	7
LM End	1.51	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.996252 °	36.996607 °
				-120.361063 °	-120.346568 °
DWR ID	DWR_NA0011_03_f_2016_7				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
There should be bait stations placed along the levee to eradicate rodents.					

No Photos

LM Start	0.71	Rating **	M	Issue No.	8
LM End	1.51	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.996257 °	36.996607 °
				-120.361025 °	-120.346568 °
DWR ID	DWR_NA0011_03_f_2016_8				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Exterminate rodents from the roadway. Active rodents observed during inspection at this site.					

Photo 1 of 1 : FA_2018_NA0011_144_8_20180905_00011.jpg



Berenda Slough Unit 3 looking upstream from levee miles 0.71 - to 1.51.

* 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 2018

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/24/2018 10/24/2018	Corey Fujitani

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				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Remove nut tree from slope.					

Photo 1 of 1 : FA_2018_NA0011_144_11_20180905_00014.jpg



walnut trees blocking the view of the landside levee section.

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				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.09	Rating **	U	Issue No.	14
LM End	1.09	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.996618 °	36.996618 °
				-120.354307 °	-120.354307 °
DWR ID	DWR_NA0011_03_s_2017_14				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Branches hanging over crown are beginning to obstruct access.					

Photo 1 of 1 : FA_2018_NA0011_144_14_20180905_00017.jpg



Looking at untrimmed tree on waterward shoulder. (Spring 2018)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ 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 2018

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/24/2018 10/24/2018	Corey Fujitani

LM Start	1.24	Rating **	M	Issue No.	4
LM End	1.25	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			36.996582°	36.996582°
				-120.351482°	-120.351258°
DWR ID	DWR_NA0011_03_f_2016_4				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Repair the slope instability and damaged shoulder at this location.					

Photo 1 of 1 : FA_2018_NA0011_144_4_20180905_00003.jpg



Berenda Slough looking back upstream waterside at the shoulder and slope levee miles 1.24-1.25.

LM Start	1.24	Rating **	U	Issue No.	17
LM End	1.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.996632 °	36.996600 °
				-120.351463 °	-120.350539 °
DWR ID	DWR_NA0011_03_s_2012_17				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Remove nut trees from the landside slope.					

Photo 1 of 2 : FA_2018_NA0011_144_17_20180905_00018.jpg



Looking at cluster of walnut trees on landward slope. (Spring 2018)

LM Start	1.24	Rating **	U	Issue No.	17 (cont)
LM End	1.29	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA_2018_NA0011_144_17_20180905_00019.jpg



Looking upstream from landside slope tree has blocked view of the slope and shoulder.

*** 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

Madera County FCWCA

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/24/2018 10/24/2018	Corey Fujitani

LM Start	0.02	Rating **	U	Issue No.	5
LM End	1.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.995504 °	36.995582 °
				-120.373233 °	-120.346586 °
DWR ID	DWR_NA0011_04_f_2017_5				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

LM Start	0.02	Rating **	U	Issue No.	5 (cont)
LM End	1.49	Issue Type +	Ma	Location *	LS

Photo 1 of 2 : FA_2018_NA0011_145_5_20181109_00028.jpg



View of wild growth on landside slope and shoulder. (Fall 2018)

Photo 2 of 2 : FA_2018_NA0011_145_5_20180905_00002.jpg



Manage landside vegetation to allow inspection and access to levee slope and toe. (Fall 2017)

LM Start	0.02	Rating **	U	Issue No.	3
LM End	0.97	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			36.995506 °	36.995550 °
				-120.373233 °	-120.355935 °
DWR ID	DWR_NA0011_04_f_2016_3				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
The slope in this area has been damaged by farm equipment on the slope.					

Photo 1 of 1 : FA_2018_NA0011_145_3_20180905_00001.jpg



Berenda Slough Unit 4 Looking upstream from levee mile 0.14-0.97.

* 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 2018

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/24/2018 10/24/2018	Corey Fujitani

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				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the tree limbs from the waterside levee slope.					

No Photos

LM Start	0.08	Rating **	C	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_f_2018_25				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					
Remove the dead tree limbs hanging over the levee crown.					

No Photos

LM Start	0.12	Rating **	C	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				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					
Trim the tree branches over roadway 12 foot above ground.					

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/24/2018 10/24/2018	Corey Fujitani

LM Start	0.12	Rating **	U	Issue No.	19
LM End	0.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.995547 °	36.995586 °
				-120.371410 °	-120.356589 °
DWR ID	DWR_NA0011_04_s_2018_19				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA_2018_NA0011_145_19_20180905_00017.jpg



Looking at large rodent hole on landward slope. (Spring 2018)

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				
Comment Code					
TR : Tree or limb					
Inspector Comment					
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_2018_NA0011_145_15_20180905_00015.jpg



Berenda Slough looking upstream from the levee mile 0.14.

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				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the discarded tree and branches from the levee slope.					

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 2018

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/24/2018 10/24/2018	Corey Fujitani

LM Start	0.42	Rating **	M	Issue No.	9
LM End	1.50	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			36.995572 °	36.995613 °
				-120.365980 °	-120.346358 °
DWR ID	DWR_NA0011_04_s_2017_9				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

LM Start	0.44	Rating **	U	Issue No.	22
LM End	0.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			36.995560 °	36.995560 °
				-120.365614 °	-120.365614 °
DWR ID	DWR_NA0011_04_s_2018_22				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Someone dug large hole on landward slope next to concrete riser. No visible pipe at the site.					

Photo 1 of 3 : FA_2018_NA0011_145_22_20180905_00018.jpg



Looking west at large hole next concrete riser (no pipe) on landward slope. (Spring 2018)

LM Start	0.44	Rating **	U	Issue No.	22 (cont)
LM End	0.44	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : FA_2018_NA0011_145_22_20180905_00019.jpg



Looking upstream at large hole on landward slope. (Spring 2018)

* 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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Madera County FCWCA

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/24/2018 10/24/2018	Corey Fujitani

LM Start	1.36	Rating **	M	Issue No.	18
LM End	1.36	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.995593 °	36.995593 °
				-120.348926 °	-120.348926 °
DWR ID	DWR_NA0011_04_s_2018_18				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.39	Rating **	M	Issue No.	7
LM End	1.39	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.995576 °	36.995576 °
				-120.348348 °	-120.348348 °
DWR ID	DWR_NA0011_04_f_2017_7				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	1.50	Rating **	U	Issue No.	11
LM End	2.28	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.995590 °	37.003740 °
				-120.346406 °	-120.336877 °
DWR ID	DWR_NA0011_04_f_2016_11				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Exterminate the rodents and backfill and compact or grout the burrows in this area.					

Photo 1 of 2 : FA_2018_NA0011_145_11_20181109_00033.jpg



Large rodent holes along this section. (Fall 2018)

* 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 2018

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/24/2018 10/24/2018	Corey Fujitani

LM Start	1.50	Rating **	U	Issue No.	11 (cont)	
LM End	2.28	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Animal Control			36.995590 °		37.003740 °
				-120.346406 °		-120.336877 °
DWR ID	DWR_NA0011_04_f_2016_11					
Comment Code						
A1 : Exterminate rodents and backfill and compact or grout burrows.						
Inspector Comment						
Exterminate the rodents and backfill and compact or grout the burrows in this area.						

Photo 2 of 2 : FA_2018_NA0011_145_11_20180905_00007.jpg



Looking upstream at rodent activity on landward slope and toe.

LM Start	1.50	Rating **	U	Issue No.	30
LM End	2.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.995590 °	37.003740 °
				-120.346406 °	-120.336877 °
DWR ID	DWR_NA0011_04_f_2014_30				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Bait stations are needed in Rodent infested area waterside slope and toe.					

Photo 1 of 2 : FA_2018_NA0011_145_30_20181109_00032.jpg



Several large rodent holes on waterside slope. (Fall 2018)

LM Start	1.50	Rating **	U	Issue No.	30 (cont)
LM End	2.28	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2018_NA0011_145_30_20180905_00021.jpg



Berenda Slough levee mile 1.63-2.23 looking upstream at waterside slope.

* 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 2018

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/24/2018 10/24/2018	Corey Fujitani

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				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Exterminate rodents in this area.					

No Photos

LM Start	1.80	Rating **	M	Issue No.	29
LM End	1.80	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.998449 °	36.998449 °
				-120.342516 °	-120.342516 °
DWR ID	DWR_NA0011_04_f_2018_29				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	2.22	Rating **	M	Issue No.	27
LM End	2.22	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.003160 °	37.003160 °
				-120.337747 °	-120.337747 °
DWR ID	DWR_NA0011_04_f_2018_27				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Trim tree back away from crown and 5 feet above slope ground level.					

Photo 1 of 1 : FA_2018_NA0011_145_27_20181109_00034.jpg



Trim tree on waterside shoulder. (Fall 2018)

* 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 2018

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/25/2018 10/25/2018	Corey Fujitani

LM Start	0.00	Rating **	M	Issue No.	13
LM End	4.05	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			36.978548 °	36.968165 °
				-120.368454 °	-120.301151 °
DWR ID	DWR_NA0011_05_s_2012_13				
Comment Code					
C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.					
Inspector Comment					
Regrade the crown for proper drainage. And add appropriate gravel or road base.					

Photo 1 of 1 : FA_2018_NA0011_146_13_20180905_00002.jpg



Looking downstream at levee crown from 0.00. (Spring 2018)

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				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
The crown roadway must be free of all vegetation. Tall weeds hinder inspection, provide cover for burrowing rodents, and create a fire hazard.					

Photo 1 of 2 : FA_2018_NA0011_146_8_20181109_00027.jpg



Looking downstream at levee mile 4.05. (Fall 2018)

LM Start	0.00	Rating **	U	Issue No.	8 (cont)
LM End	4.05	Issue Type +	Ma	Location *	CR

Photo 2 of 2 : FA_2018_NA0011_146_8_20180905_00001.jpg



Fresno River looking upstream levee mile 0.00.

*** 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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/25/2018 10/25/2018	Corey Fujitani

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			36.967990 °	36.967990 °
				-120.329131 °	-120.329131 °
DWR ID	DWR_NA0011_05_s_2012_19				
Comment Code					
Inspector Comment					
Trash in channel.					

Photo 1 of 1 : FA_2018_NA0011_146_19_20180905_00006.jpg



Looking west at garage in channel. (Spring 2018)

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				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Observed rodent burrows but no rodents seen.					

No Photos

LM Start	4.41	Rating **	A/W	Issue No.	41
LM End	4.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			36.968189 °	36.968189 °
				-120.294593 °	-120.294593 °
DWR ID	DWR_NA0011_05_f_2018_41				
Comment Code					
Inspector Comment					

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 2018

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/25/2018 10/25/2018	Corey Fujitani

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				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Observed many rodent burrows, no rodent was seen.					

No Photos

LM Start	5.56	Rating **	M	Issue No.	18
LM End	5.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			36.968210 °	36.968210 °
				-120.273729 °	-120.273729 °
DWR ID	DWR_NA0011_05_f_2017_18				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Repair damage from vehicle traffic on slope and shoulder.					

Photo 1 of 1 : FA_2018_NA0011_146_18_20180905_00005.jpg



Repair damage from vehicle traffic on slope and shoulder.

LM Start	5.67	Rating **	M	Issue No.	38
LM End	5.67	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			36.968204 °	36.968204 °
				-120.271707 °	-120.271707 °
DWR ID	DWR_NA0011_05_f_2018_38				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

Photo 1 of 1 : FA_2018_NA0011_146_38_20181109_00028.jpg



Finger erosion on waterside slope. (Fall 2018)

*** 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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/25/2018 10/25/2018	Corey Fujitani

LM Start	6.09	Rating **	M	Issue No.	31
LM End	6.09	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.968178 °	36.968178 °
				-120.264122 °	-120.264122 °
DWR ID	DWR_NA0011_05_f_2015_31				
Comment Code					
PR : Prunings					
Inspector Comment					
The pruning's here need to be burned or removed from levee WS slope.					

No Photos

LM Start	6.52	Rating **	A/W	Issue No.	37
LM End	6.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			36.968575 °	36.968575 °
				-120.256450 °	-120.256450 °
DWR ID	DWR_NA0011_05_f_2018_37				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

Photo 1 of 1 : FA_2018_NA0011_146_37_20181109_00030.jpg



Rill erosion on landside slope. (Fall 2018)

LM Start	6.57	Rating **	U	Issue No.	17
LM End	9.10	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.968502 °	36.973318 °
				-120.255603 °	-120.211600 °
DWR ID	DWR_NA0011_05_s_2017_17				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the wild growth other than native grasses.					

Photo 1 of 2 : FA_2018_NA0011_146_17_20181109_00031.jpg



Large brush along waterside slope. (Fall 2018)

*** 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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/25/2018 10/25/2018	Corey Fujitani

LM Start	6.57	Rating **	U	Issue No.	17 (cont)	
LM End	9.10	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			36.968502 °		36.973318 °
				-120.255603 °		-120.211600 °
DWR ID	DWR_NA0011_05_s_2017_17					
Comment Code						
V2 : Remove the wild growth other than native grasses from the levee slopes.						
Inspector Comment						
Remove the wild growth other than native grasses.						

Photo 2 of 2 : FA_2018_NA0011_146_17_20180905_00004.jpg



Fresno River waterside looking upstream from levee mile 6.57, wild weed growth present on slope and shoulder.

LM Start	6.58	Rating **	C	Issue No.	20
LM End	7.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.968518 °	36.969543 °
				-120.255408 °	-120.247325 °
DWR ID	DWR_NA0011_05_s_2017_20				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the wild weeds and tall grasses from the landside slope and shoulder.					

No Photos

LM Start	6.58	Rating **	M	Issue No.	27
LM End	9.07	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.968525 °	36.973197 °
				-120.255387 °	-120.212085 °
DWR ID	DWR_NA0011_05_f_2016_27				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Exterminate the rodent in the area listed and place bait stations.					

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/25/2018 10/25/2018	Corey Fujitani

LM Start	6.61	Rating **	M	Issue No.	33
LM End	7.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		36.968521°	36.969533°	
			-120.254838°	-120.244739°	
DWR ID	DWR_NA0011_05_f_2018_33				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	6.63	Rating **	M	Issue No.	22
LM End	7.56	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Crown Surface / Depressions / Rutting		36.968568°	36.969552°	
			-120.254542°	-120.237855°	
DWR ID	DWR_NA0011_05_s_2017_22				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					
Repair rutting and add appropriate gravel.					

No Photos

LM Start	6.75	Rating **	U	Issue No.	28
LM End	6.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		36.969200°	36.969507°	
			-120.252462°	-120.248893°	
DWR ID	DWR_NA0011_05_f_2016_28				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Exterminate the rodents in the area listed and place bait stations along the shoulder and or slope.					

Photo 1 of 1 : FA_2018_NA0011_146_28_20180905_00011.jpg



Fresno River landside levee slope levee mile 6.75-6.95.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/25/2018 10/25/2018	Corey Fujitani

LM Start	7.06	Rating **	M	Issue No.	29
LM End	7.57	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.969517 °	36.969528 °
				-120.246928 °	-120.237790 °
DWR ID	DWR_NA0011_05_f_2016_29				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
The crown roadway should be kept clear of vegetation.					

No Photos

LM Start	7.21	Rating **	M	Issue No.	32
LM End	7.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.969539 °	36.969539 °
				-120.244142 °	-120.244142 °
DWR ID	DWR_NA0011_05_f_2018_32				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	7.66	Rating **	U	Issue No.	24
LM End	7.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.969606 °	36.969606 °
				-120.236091 °	-120.236091 °
DWR ID	DWR_NA0011_05_f_2018_24				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
rodent burrows and associated erosion due to rodent activity					

Photo 1 of 1 : FA_2018_NA0011_146_24_20181109_00033.jpg



Rodent activity on landside slope. (Fall 2018)

* 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 2018

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/25/2018 10/25/2018	Corey Fujitani

LM Start	7.92	Rating **	M	Issue No.	16
LM End	7.92	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			36.971637 °	36.971637 °
				-120.232120 °	-120.232120 °
DWR ID	DWR_NA0011_05_f_2018_16				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

LM Start	8.01	Rating **	U	Issue No.	12
LM End	8.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.972186 °	36.972186 °
				-120.230772 °	-120.230772 °
DWR ID	DWR_NA0011_05_f_2018_12				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
large rodent burrow					

Photo 1 of 1 : FA_2018_NA0011_146_12_20181109_00034.jpg



Rodent activity on landside slope. (Fall 2018)

LM Start	8.57	Rating **	M	Issue No.	10
LM End	8.57	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.972355 °	36.972355 °
				-120.220878 °	-120.220878 °
DWR ID	DWR_NA0011_05_f_2018_10				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
cactus on waterside slope					

Photo 1 of 1 : FA_2018_NA0011_146_10_20181109_00036.jpg



Cactus on waterside slope. (Fall 2018)

* 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 2018

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/25/2018 10/25/2018	Corey Fujitani

LM Start	9.02	Rating **	M	Issue No.	7
LM End	9.02	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.972980°	°
				-120.213003°	°
DWR ID	DWR_NA0011_05_f_2018_7				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/25/2018 10/25/2018	Corey Fujitani

LM Start	0.01	Rating **	M	Issue No.	19
LM End	3.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.976937 °	36.967393 °
				-120.367308 °	-120.310025 °
DWR ID	DWR_NA0011_06_f_2016_19				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Exterminate rodents and backfill burrows.					

No Photos

LM Start	0.01	Rating **	U	Issue No.	74
LM End	0.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.976960 °	36.969514 °
				-120.367233 °	-120.354515 °
DWR ID	DWR_NA0011_06_f_2018_74				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA_2018_NA0011_147_74_20181109_00043.jpg



heavy vegetation on landside slope and toe. (Fall 2018)

LM Start	0.01	Rating **	U	Issue No.	12
LM End	1.02	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.976960 °	36.968529 °
				-120.367233 °	-120.354011 °
DWR ID	DWR_NA0011_06_s_2017_12				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
Keep the crown roadway free of vegetation.					

Photo 1 of 2 : FA_2018_NA0011_147_12_20181109_00044.jpg



tall dense vegetation on levee crown. (Fall 2018)

* 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 2018

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/25/2018 10/25/2018	Corey Fujitani

LM Start	1.14	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			36.967387 °	36.967207 °
				-120.352332 °	-120.351590 °
DWR ID	DWR_NA0011_06_s_2013_41				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Repair the slope damaged by farm equipment.					

No Photos

LM Start	1.15	Rating **	M	Issue No.	18
LM End	3.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.967360 °	36.967393 °
				-120.352243 °	-120.310025 °
DWR ID	DWR_NA0011_06_f_2017_18				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	1.15	Rating **	U	Issue No.	17
LM End	1.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			36.967334°	36.967334°
				-120.352154°	-120.352154°
DWR ID	DWR_NA0011_06_f_2017_17				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Observed slump possibly exacerbated by rodent activity. 20' long x 8' high x 18" deep into levee slope.					

Photo 1 of 2 : FA_2018_NA0011_147_17_20180905_00004.jpg



Observed slump possibly exacerbated by rodent activity. 20' long x 8' high x 18" deep into levee slope.

* 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 2018

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/25/2018 10/25/2018	Corey Fujitani

LM Start	1.15	Rating **	U	Issue No.	17 (cont)	
LM End	1.15	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			36.967334 °		36.967334 °
				-120.352154 °		-120.352154 °
DWR ID	DWR_NA0011_06_f_2017_17					
Comment Code						
S1 : Repair slope instability.						
Inspector Comment						
Observed slump possibly exacerbated by rodent activity. 20' long x 8' high x 18" deep into levee slope.						

Photo 2 of 2 : FA_2018_NA0011_147_17_20180905_00005.jpg



Observed slump possibly exacerbated by rodent activity. 20' long x 8' high x 18" deep into levee slope.

LM Start	1.27	Rating **	M	Issue No.	14
LM End	6.56	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			36.967177 °	36.967992 °
				-120.350167 °	-120.254517 °
DWR ID	DWR_NA0011_06_s_2017_14				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					
Repair the crown roadway of ruts and depressions regrade where needed					

No Photos

LM Start	1.64	Rating **	M	Issue No.	73
LM End	1.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.967190 °	36.967190 °
				-120.343306 °	-120.343306 °
DWR ID	DWR_NA0011_06_f_2018_73				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/25/2018 10/25/2018	Corey Fujitani

LM Start	1.98	Rating **	M	Issue No.	25
LM End	5.96	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.967222°	36.967499°
				-120.337208°	-120.265336°
DWR ID	DWR_NA0011_06_s_2017_25				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
Keep the crown roadway free of vegetation.					

No Photos

LM Start	2.01	Rating **	M	Issue No.	70
LM End	2.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.967218 °	36.967248 °
				-120.336760 °	-120.329726 °
DWR ID	DWR_NA0011_06_f_2018_70				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	2.95	Rating **	M	Issue No.	68
LM End	3.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.967313 °	36.967324 °
				-120.319758 °	-120.318698 °
DWR ID	DWR_NA0011_06_f_2018_68				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

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 2018

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/25/2018 10/25/2018	Corey Fujitani

LM Start	3.49	Rating **	A/W	Issue No.	28
LM End	7.71	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		36.967394 °	36.969598 °	
			-120.310027 °	-120.234230 °	
DWR ID	DWR_NA0011_06_f_2017_28				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	3.49	Rating **	A/W	Issue No.	30
LM End	7.71	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		36.967394 °	36.969599 °	
			-120.310027 °	-120.234230 °	
DWR ID	DWR_NA0011_06_f_2017_30				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	3.49	Rating **	U	Issue No.	27
LM End	3.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		36.967393 °	36.967393 °	
			-120.310025 °	-120.310025 °	
DWR ID	DWR_NA0011_06_f_2017_27				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Repair damage at toe due to ag equipment activity between power pole and levee.					

Photo 1 of 1 : FA_2018_NA0011_147_27_20180905_00008.jpg



Ag activity has cut into landside toe. Activity should be stopped and levee slope repaired.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/25/2018 10/25/2018	Corey Fujitani

LM Start	3.67	Rating **	M	Issue No.	66
LM End	4.01	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		36.967401 °	36.967451 °	
			-120.306702 °	-120.300615 °	
DWR ID	DWR_NA0011_06_f_2018_66				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	3.99	Rating **	M	Issue No.	34
LM End	3.99	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		36.967457 °	36.967457 °	
			-120.301031 °	-120.301031 °	
DWR ID	DWR_NA0011_06_f_2017_34				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	4.56	Rating **	M	Issue No.	65
LM End	4.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		36.967501 °	36.967501 °	
			-120.290581 °	-120.290581 °	
DWR ID	DWR_NA0011_06_f_2018_65				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

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 2018

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/25/2018 10/25/2018	Corey Fujitani

LM Start	4.98	Rating **	M	Issue No.	64
LM End	4.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			36.967517 °	36.967517 °
				-120.282980 °	-120.282980 °
DWR ID	DWR_NA0011_06_f_2018_64				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
vehicle tracks damaging slope of levee					

Photo 1 of 1 : FA_2018_NA0011_147_64_20181109_00048.jpg



Vehicle tracks on landside slope. (Fall 2018)

LM Start	5.18	Rating **	M	Issue No.	63
LM End	5.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.967512 °	36.967512 °
				-120.279874 °	-120.279874 °
DWR ID	DWR_NA0011_06_f_2018_63				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	5.44	Rating **	U	Issue No.	53
LM End	5.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.967514 °	36.967514 °
				-120.274810 °	-120.274810 °
DWR ID	DWR_NA0011_06_s_2018_53				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Control rodents within this section.					

Photo 1 of 1 : FA_2018_NA0011_147_53_20180905_00024.jpg



Looking at typical rodent hole on landward slope. (Spring 2018)

*** 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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/25/2018 10/25/2018	Corey Fujitani

LM Start	5.47	Rating **	U	Issue No.	61
LM End	5.97	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		36.967504 °	36.967486 °	
			-120.274232 °	-120.265254 °	
DWR ID	DWR_NA0011_06_f_2018_61				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA_2018_NA0011_147_61_20181109_00049.jpg



vegetation on waterside slope. (Fall 2018)

LM Start	5.50	Rating **	M	Issue No.	62
LM End	5.91	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		36.967506 °	36.967489 °	
			-120.273706 °	-120.266288 °	
DWR ID	DWR_NA0011_06_f_2018_62				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	6.03	Rating **	M	Issue No.	60
LM End	6.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		36.967484 °	°	
			-120.264154 °	°	
DWR ID	DWR_NA0011_06_f_2018_60				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

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 2018

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/25/2018 10/25/2018	Corey Fujitani

LM Start	6.29	Rating **	M	Issue No.	58
LM End	6.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			36.967750 °	36.967750 °
				-120.259385 °	-120.259385 °
DWR ID	DWR_NA0011_06_f_2018_58				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

Photo 1 of 1 : FA_2018_NA0011_147_58_20181109_00051.jpg



minor erosion in landside slope. (Fall 2018)

LM Start	6.39	Rating **	M	Issue No.	56
LM End	6.47	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.967875 °	36.967871 °
				-120.257628 °	-120.256172 °
DWR ID	DWR_NA0011_06_f_2018_56				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	6.54	Rating **	M	Issue No.	11
LM End	7.16	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.967941 °	36.968800 °
				-120.254852 °	-120.243949 °
DWR ID	DWR_NA0011_06_f_2018_11				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

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 2018

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/25/2018 10/25/2018	Corey Fujitani

LM Start	6.72	Rating **	M	Issue No.	40
LM End	6.72	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.968670 °	36.968670 °
				-120.251717 °	-120.251717 °
DWR ID	DWR_NA0011_06_f_2017_40				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove collected wood debris on waterside shoulder.					

Photo 1 of 1 : FA_2018_NA0011_147_40_20181109_00052.jpg



dead tree limbs on waterside shoulder. (Fall 2018)

LM Start	6.74	Rating **	M	Issue No.	42
LM End	6.74	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.968710 °	36.968710 °
				-120.251439 °	-120.251439 °
DWR ID	DWR_NA0011_06_f_2017_42				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove collected wood debris from waterside shoulder.					

No Photos

LM Start	7.07	Rating **	M	Issue No.	43
LM End	7.07	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.968801 °	36.968801 °
				-120.245557 °	-120.245557 °
DWR ID	DWR_NA0011_06_f_2017_43				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove collected wood debris from waterside shoulder.					

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 2018

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/25/2018 10/25/2018	Corey Fujitani

LM Start	7.17	Rating **	U	Issue No.	15
LM End	7.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.968803 °	36.968851 °
				-120.243721 °	-120.238156 °
DWR ID	DWR_NA0011_06_f_2018_15				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA_2018_NA0011_147_15_20181109_00053.jpg



dense vegetation on waterside slope. (Fall 2018)

LM Start	7.42	Rating **	M	Issue No.	44
LM End	7.42	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.968851 °	36.968851 °
				-120.239236 °	-120.239236 °
DWR ID	DWR_NA0011_06_f_2017_44				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove collected wood debris from waterside shoulder.					

No Photos

LM Start	7.57	Rating **	M	Issue No.	46
LM End	7.83	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.968883 °	36.970720 °
				-120.236491 °	-120.232358 °
DWR ID	DWR_NA0011_06_f_2017_46				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

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 2018

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/25/2018 10/25/2018	Corey Fujitani

LM Start	7.70	Rating **	M	Issue No.	29
LM End	8.17	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.969591 °	36.971888 °
				-120.234235 °	-120.226591 °
DWR ID	DWR_NA0011_06_s_2017_29				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the wild growth from the landside slope.					

Photo 1 of 1 : FA_2018_NA0011_147_29_20181109_00054.jpg



patches of vegetation on landside slope. (Fall 2018)

LM Start	7.71	Rating **	M	Issue No.	47
LM End	8.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.969600 °	36.971509 °
				-120.234229 °	-120.220438 °
DWR ID	DWR_NA0011_06_f_2017_47				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA_2018_NA0011_147_47_20180905_00017.jpg



Bait traps should be maintained and rodent holes should be backfilled.

LM Start	7.71	Rating **	M	Issue No.	48
LM End	9.02	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.969600 °	36.972656 °
				-120.234229 °	-120.211787 °
DWR ID	DWR_NA0011_06_f_2017_48				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ 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 2018

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/25/2018 10/25/2018	Corey Fujitani

LM Start	7.98	Rating **	M	Issue No.	33
LM End	7.98	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.971575 °	36.971575 °
				-120.230065 °	-120.230065 °
DWR ID	DWR_NA0011_06_s_2017_33				
Comment Code					
PR : Prunings					
Inspector Comment					
Burn or remove the brush pile from the waterside slope.					

No Photos

LM Start	8.03	Rating **	M	Issue No.	36
LM End	8.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.971582 °	36.971582 °
				-120.229180 °	-120.229180 °
DWR ID	DWR_NA0011_06_f_2015_36				
Comment Code					
TR : Tree or limb					
Inspector Comment					
The dead tree has been removed from blocking the roadway but still need to be removed from the levee section.					

Photo 1 of 2 : FA_2018_NA0011_147_36_20180905_00013.jpg



Dead tree pushed upon the waterside slope and blocking the crown.

LM Start	8.03	Rating **	M	Issue No.	36 (cont)
LM End	8.03	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2018_NA0011_147_36_20180905_00014.jpg



Fresno River levee mile 8.03 waterside slope and shoulder.

* 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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Madera County FCWCA

Fresno River levee mile 8.09.

tall grassy vegetation on landside slope and shoulder. (Fall 2018)

Looking at typical rodent holes on landward slope. (Spring 2018)

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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/25/2018 10/25/2018	Corey Fujitani

LM Start	8.99	Rating **	U	Issue No.	22
LM End	8.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			36.972527 °	36.972527 °
				-120.212225 °	-120.212225 °
DWR ID	DWR_NA0011_06_s_2018_22				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Large finger erosion on landward slope					

Photo 1 of 1 : FA_2018_NA0011_147_22_20180905_00007.jpg



Looking at finger erosion on landward slope. (Spring 2018)

* 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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