

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	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	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.03	Rating **	U	Issue No.	9
LM End	2.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.046573 °	37.065960 °
				-120.427527 °	-120.400093 °
DWR ID	DWR_NA0011_01_f_2019_9				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA_2019_NA0011_142_9_20191008_00030.jpg



View of vegetation on waterside slope looking upstream. (Fall 2019)

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 gets any worse.					

Photo 1 of 2 : FA_2019_NA0011_142_20_20191008_00031.jpg



View of damage to landside slope. (Fall 2019)

LM Start	0.04	Rating **	U	Issue No.	20 (cont)
LM End	0.04	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA_2019_NA0011_142_20_20190912_00008.jpg



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

* 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	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.05	Rating **	M	Issue No.	16
LM End	0.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.046673 °	37.047013 °	
			-120.427187 °	-120.425702 °	
DWR ID	DWR_NA0011_01_f_2019_16				
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

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					

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	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.24	Rating **	U	Issue No.	22
LM End	0.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.047492°	37.053543°
				-120.423798°	-120.417370°
DWR ID	DWR_NA0011_01_f_2019_22				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA_2019_NA0011_142_22_20191008_00032.jpg



Looking upstream along the landside slope. (Fall 2019)

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					

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					

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. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

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_2019_NA0011_142_11_20190912_00001.jpg



Remove downed tree from waterside slope.

LM Start	0.44	Rating **	U	Issue No.	23
LM End	0.80	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.049450 °	37.053540 °
				-120.421165 °	-120.417372 °
DWR ID	DWR_NA0011_01_f_2019_23				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

Photo 1 of 1 : FA_2019_NA0011_142_23_20191008_00033.jpg



View along the levee crown looking upstream. (Fall 2019)

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 waterside slope.					

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
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

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

LM Start	0.75	Rating **	U	Issue No.	21
LM End	0.75	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.052796 °	37.052796 °
				-120.417641 °	-120.417640 °
DWR ID	DWR_NA0011_01_f_2017_21				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove tree limbs from waterside slope.					

Photo 1 of 1 : FA_2019_NA0011_142_21_20190912_00009.jpg



Looking west at tree limbs and branches on waterward slope. (Spring 2018)

LM Start	0.79	Rating **	U	Issue No.	25	
LM End	0.79	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			37.053329 °		37.053329 °
				-120.417448 °		-120.417448 °
DWR ID	DWR_NA0011_01_f_2018_25					
Comment Code						
TR : Tree or limb						
Inspector Comment						
There is a fallen tree blocking the waterside slope.						

Photo 1 of 1 : FA_2019_NA0011_142_25_20190912_00010.jpg



tree limbs and trunks on waterside shoulder and 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
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Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.86	Rating **	M	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	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					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

Photo 1 of 3 : FA_2019_NA0011_142_29_20191008_00037.jpg



View of erosion looking upstream along the landside slope. (Fall 2019)

LM Start	1.04	Rating **	M	Issue No.	29 (cont)
LM End	1.04	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : FA_2019_NA0011_142_29_20191008_00036.jpg



View of erosion looking up the landside slope. (Fall 2019)

* 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	10/02/2019 10/02/2019	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						
E2 : Schedule repair of erosion site prior to the next inspection.						
Inspector Comment						

Photo 3 of 3 : FA_2019_NA0011_142_29_20190912_00012.jpg



Erosion on landside slope. (Fall 2018)

LM Start	1.45	Rating **	C	Issue No.	7
LM End	2.34	Issue Type +	Ma	Location *	LS
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					
Repair cut along the landside levee toe.					

No Photos

LM Start	1.73	Rating **	M	Issue No.	24
LM End	2.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.061685 °	37.065827 °
				-120.405165 °	-120.400365 °
DWR ID	DWR_NA0011_01_f_2019_24				
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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	2.26	Rating **	U	Issue No.	27
LM End	2.35	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.067192 °	37.068533 °
				-120.398770 °	-120.398663 °
DWR ID	DWR_NA0011_01_f_2019_27				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA_2019_NA0011_142_27_20191008_00035.jpg



View of vegetation on the waterside slope looking upstream. (Fall 2019)

* 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	10/02/2019 10/02/2019	Corey Fujitani

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

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					

No Photos

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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Madera County FCWCA

No Photos

Looking along the levee crown looking downstream. (Fall 2019)

Looking downstream along the landside slope. (Fall 2019)

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.31	Rating **	M	Issue No.	13
LM End	0.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.047266°	37.047266°
				-120.422393°	-120.422393°
DWR ID	DWR_NA0011_02_f_2017_13				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA_2019_NA0011_143_13_20190912_00009.jpg



Vehicle access to levee slope should be prevented and erosion repaired.

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

Photo 1 of 1 : FA_2019_NA0011_143_28_20190912_00020.jpg



Looking downstream at tree limbs on waterward slope and toe. (Spring 2018)

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 waterside slope.					

Photo 1 of 1 : FA_2019_NA0011_143_33_20190912_00024.jpg



Dead fallen trees on the waterside levee 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
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Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

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_2019_NA0011_143_14_20190912_00010.jpg



Looking downstream at untrimmed trees 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

LM Start	0.56	Rating **	M	Issue No.	16
LM End	0.74	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.049682°	37.051702°
				-120.419022°	-120.417025°
DWR ID	DWR_NA0011_02_f_2019_16				
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 N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
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Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	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.	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 waterside slope.					

Photo 1 of 1 : FA_2019_NA0011_143_34_20190912_00025.jpg



Looking downstream at bush pile 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_2019_NA0011_143_27_20190912_00018.jpg



Unit 2 Ash Slough Levee mile 0.98 waterside shoulder and slope.

*** 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 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.98	Rating **	U	Issue No.	27 (cont)	
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 2 of 2 : FA_2019_NA0011_143_27_20190912_00019.jpg



Levee slope and shoulder looking upstream waterside levee section.

LM Start	1.10	Rating **	U	Issue No.	1	
LM End	1.19	Issue Type +	Ma	Location *		
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						
Site ID: NA0011U02RM2.57						
09/10/2019: No significant change observed.						
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.						

Photo 1 of 3 : SJR2019_NA0011U02RM2.57_2.jpg



View of the erosion site from the levee crest.

* 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 2019

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.10	Rating **	U	Issue No.	1 (cont)	
LM End	1.19	Issue Type +	Ma	Location *		
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						
Site ID: NA0011U02RM2.57 09/10/2019: No significant change observed. 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.						

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

Photo 2 of 3 : SJR2019_NA0011U02RM2.57_1.jpg



Close-up view of the site.

Photo 3 of 3 : SJR2019_NA0011U02RM2.57_3.jpg



Close-up 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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Madera County FCWCA

View of vegetation on waterside slope looking upstream. (Fall 2019)

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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.04	Rating **	U	Issue No.	9
LM End	1.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.996543 °	36.996607 °
				-120.373043 °	-120.346570 °
DWR ID	DWR_NA0011_03_f_2019_9				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA_2019_NA0011_144_9_20191009_00025.jpg



View of landside slope looking upstream. (Fall 2019)

LM Start	0.05	Rating **	M	Issue No.	35
LM End	0.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.996468 °	36.996468 °
				-120.372902 °	-120.372902 °
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.	28
LM End	0.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.996442 °	36.996442 °
				-120.372848 °	-120.372848 °
DWR ID	DWR_NA0011_03_f_2014_28				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the dead tree from the landside 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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Madera County FCWCA

No Photos

Looking downstream at levee crown. (Spring 2018)

Looking at prunings 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 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.40	Rating **	U	Issue No.	6
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 from LM 0.40 to LM 1.51. Unable to see the levee slopes during Spring 2019 inspection however did observe 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 1 of 6 : FA_2019_NA0011_144_6_20190912_00003.jpg



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

Photo 2 of 6 : FA_2019_NA0011_144_6_20190912_00004.jpg



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

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

Photo 3 of 6 : FA_2019_NA0011_144_6_20190912_00005.jpg



Looking at 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	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/02/2019 10/02/2019	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 from LM 0.40 to LM 1.51. Unable to see the levee slopes during Spring 2019 inspection however did observe rodents running across the roadway.						

Photo 4 of 6 : FA_2019_NA0011_144_6_20190912_00006.jpg



Continued rodent activity.

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

Photo 5 of 6 : FA_2019_NA0011_144_6_20190912_00007.jpg



More active rodent holes but no rodents observed at this specific location.

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

Photo 6 of 6 : FA_2019_NA0011_144_6_20190912_00008.jpg



Berenda Slough Unit 3 landside shoulder and slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.45	Rating **	U	Issue No.	10
LM End	0.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.996224 °	36.996224 °
				-120.365692 °	-120.365692 °
DWR ID	DWR_NA0011_03_f_2018_10				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the dead tree from the landside slope.					

Photo 1 of 1 : FA_2019_NA0011_144_10_20190912_00010.jpg



View of dead tree on the landside slope. (Fall 2018)

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					
There is a large rodent hole on the crown of the levee.					

Photo 1 of 1 : FA_2019_NA0011_144_5_20190912_00002.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

* 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 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/02/2019 10/02/2019	Corey Fujitani

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_2019_NA0011_144_8_20190912_00009.jpg



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

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 the slope.					

Photo 1 of 1 : FA_2019_NA0011_144_11_20190912_00011.jpg



Walnut trees blocking the view of the landside levee section.

LM Start	1.07	Rating **	M	Issue No.	15
LM End	1.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.996618 °	36.996608 °
				-120.354538 °	-120.353682 °
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

* 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 2019

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/02/2019 10/02/2019	Corey Fujitani

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_2019_NA0011_144_14_20190912_00012.jpg



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

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_2019_NA0011_144_4_20190912_00001.jpg



Berenda Slough looking back upstream waterside at the shoulder and slope.

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_2019_NA0011_144_17_20190912_00013.jpg



Looking at cluster of walnut trees 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**

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.24	Rating **	U	Issue No.	17 (cont)	
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 2 of 2 : FA_2019_NA0011_144_17_20190912_00014.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 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 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.01	Rating **	U	Issue No.	8
LM End	1.49	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.995503 °	36.995580 °
				-120.373417 °	-120.346588 °
DWR ID	DWR_NA0011_04_s_2017_8				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
Keep the crown roadway free of vegetation.					

Photo 1 of 2 : FA_2019_NA0011_145_8_20191009_00033.jpg



Looking downstream from LM 1.49 at vegetation on levee crown. (Spring 2019)

LM Start	0.01	Rating **	U	Issue No.	8 (cont)
LM End	1.49	Issue Type +	Ma	Location *	CR

Photo 2 of 2 : FA_2019_NA0011_145_8_20190912_00007.jpg



Looking downstream from LM 1.49 at vegetation on levee crown. (Spring 2019)

LM Start	0.02	Rating **	U	Issue No.	25
LM End	1.60	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.995504°	36.996217°
				-120.373234°	-120.344760°
DWR ID	DWR_NA0011_04_f_2019_25				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA_2019_NA0011_145_25_20191009_00034.jpg



Looking downstream along the waterside slope. (Fall 2019)

*** 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 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	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					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 2 : FA_2019_NA0011_145_5_20191009_00035.jpg



View of vegetation along the landside slope looking downstream. (Fall 2019)

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

Photo 2 of 2 : FA_2019_NA0011_145_5_20190912_00005.jpg



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

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.					

Photo 1 of 1 : FA_2019_NA0011_145_3_20190912_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 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 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.04	Rating **	M	Issue No.	20
LM End	0.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.995502°	36.995597°
				-120.372833°	-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	0.12	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_2019_NA0011_145_19_20190912_00020.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 *	WS
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. Remove the dead trees from the levee section. Many more are subject to fall and possibly block access to the levee crown.					

Photo 1 of 1 : FA_2019_NA0011_145_15_20190912_00016.jpg



Berenda Slough looking upstream from the levee mile 0.14.

*** 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 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.22	Rating **	M	Issue No.	26
LM End	0.22	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.995533 °	36.995533 °
				-120.369593 °	-120.369593 °
DWR ID	DWR_NA0011_04_f_2019_26				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

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

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

* 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 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

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 a large hole on the landward slope next to the concrete riser. There is no visible pipe at the site.					

Photo 1 of 3 : FA_2019_NA0011_145_22_20190912_00021.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_2019_NA0011_145_22_20190912_00022.jpg



Looking upstream at large hole 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 3 of 3 : FA_2019_NA0011_145_22_20190912_00023.jpg



Looking east at large hole next to riser (no pipe) 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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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.47	Rating **	M	Issue No.	16
LM End	0.47	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.995603 °	36.995603 °
				-120.364978 °	-120.364978 °
DWR ID	DWR_NA0011_04_s_2014_16				
Comment Code					
TR : Tree or limb					
Inspector Comment					
This dead tree on the waterward slope should be removed from the levee section.					

Photo 1 of 1 : FA_2019_NA0011_145_16_20190912_00017.jpg



Tree on WS shoulder.

LM Start	0.54	Rating **	M	Issue No.	33
LM End	0.57	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.995565 °	36.995553 °
				-120.363779 °	-120.363245 °
DWR ID	DWR_NA0011_04_f_2018_33				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

LM Start	0.62	Rating **	M	Issue No.	23
LM End	0.62	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.995568 °	36.995568 °
				-120.362355 °	-120.362355 °
DWR ID	DWR_NA0011_04_s_2019_23				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
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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Madera County FCWCA

Photo 1 of 1 : FA_2019_NA0011_145_32_20190912_00028.jpg



Trim branches on waterside shoulder. (Fall 2018)

Photo 1 of 1 : FA_2019_NA0011_145_31_20190912_00027.jpg



10 24 2018

Tree branches strewn across levee crown and both shoulders. (Fall 2018)

Photo 1 of 1 : FA_190912_NA0011_145_6_20190912_00006.jpg



View of fallen tree on waterside slope. (Spring 2019)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	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 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.94	Rating **	M	Issue No.	14
LM End	0.94	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.995573 °	36.995573 °
				-120.356601 °	-120.356601 °
DWR ID	DWR_NA0011_04_f_2017_14				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the downed tree from the waterside slope.					

Photo 1 of 1 : FA_2019_NA0011_145_14_20190912_00015.jpg



Looking upstream at fallen tree on waterward slope. (Spring 2018)

LM Start	1.01	Rating **	U	Issue No.	12
LM End	1.01	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.995537 °	36.995537 °
				-120.355261 °	-120.355261 °
DWR ID	DWR_NA0011_04_f_2017_12				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Branches from waterside tree are blocking visibility of waterside slope and crown. Levee crown is nearly impassible.					

Photo 1 of 1 : FA_2019_NA0011_145_12_20190912_00012.jpg



Trim trees to at least 5' above levee slope and 12' above levee crown to allow inspection and access.

LM Start	1.19	Rating **	M	Issue No.	10
LM End	1.19	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.995566 °	36.995566 °
				-120.352038 °	-120.352038 °
DWR ID	DWR_NA0011_04_f_2017_10				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

Photo 1 of 1 : FA_2019_NA0011_145_10_20190912_00009.jpg



Looking upstream at tree on waterward 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 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	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 the burrows or grout the burrows in this area.					

Photo 1 of 2 : FA_2019_NA0011_145_11_20191009_00037.jpg



Several large rodent holes along this section of levee. (Fall 2019)

* 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 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	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 the burrows or grout the burrows in this area.						

Photo 2 of 2 : FA_2019_NA0011_145_11_20190912_00010.jpg



Large rodent holes along this section. (Fall 2018)

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 the rodent infested area on the waterside slope and toe.					

Photo 1 of 2 : FA_2019_NA0011_145_30_20190912_00025.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_2019_NA0011_145_30_20190912_00026.jpg



View of rodent holes on the 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 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.60	Rating **	M	Issue No.	24
LM End	2.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		36.996217°	37.002347°	
			-120.344760°	-120.338538°	
DWR ID	DWR_NA0011_04_f_2019_24				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

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

* 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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

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 at least 5 feet above the levee slope.					

Photo 1 of 1 : FA_2019_NA0011_145_27_20190912_00024.jpg



Trim tree on waterside shoulder. (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 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	0.00	Rating **	M	Issue No.	14
LM End	4.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.978520 °	36.968168 °
				-120.368567 °	-120.301035 °
DWR ID	DWR_NA0011_05_f_2016_14				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Exterminate the rodents along the landside slope and toe throughout the area to levee mile 4.05. Bait stations are needed in infested areas.					

Photo 1 of 1 : FA_2019_NA0011_146_14_20190912_00006.jpg



Rodent activity on landside slope.

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_2019_NA0011_146_13_20190912_00005.jpg



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

LM Start	0.01	Rating **	U	Issue No.	7
LM End	4.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.978438 °	36.968155 °
				-120.368405 °	-120.300968 °
DWR ID	DWR_NA0011_05_f_2019_7				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 2 : FA_2019_NA0011_146_7_20191009_00034.jpg



View of landside slope looking upstream. (Fall 2019)

* 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 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	0.01	Rating **	U	Issue No.	7 (cont)	
LM End	4.06	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			36.978438 °		36.968155 °
				-120.368405 °		-120.300968 °
DWR ID	DWR_NA0011_05_f_2019_7					
Comment Code						
V1 : Control annual grass and weeds on the levee slopes and easements.						
Inspector Comment						

Photo 2 of 2 : FA_2019_NA0011_146_7_20191009_00035.jpg



Looking downstream along the landside slope at LM 4.06. (Fall 2019)

LM Start	0.01	Rating **	U	Issue No.	8
LM End	4.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.978438 °	36.968155 °
				-120.368405 °	-120.300968 °
DWR ID	DWR_NA0011_05_f_2019_8				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 2 : FA_2019_NA0011_146_8_20191009_00032.jpg



Looking downstream along waterside slope. (Fall 2019)

LM Start	0.01	Rating **	U	Issue No.	8 (cont)
LM End	4.06	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2019_NA0011_146_8_20191009_00033.jpg



View of vegetation on waterside slope. (Fall 2019)

* 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

Looking west at garbage in channel. (Spring 2018)

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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	4.20	Rating **	C	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					

No Photos

LM Start	4.46	Rating **	C	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					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

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 2 : FA_2019_NA0011_146_18_20191009_00039.jpg



Damage to landside shoulder and slope looking upstream. (Fall 2019)

* 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 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	5.56	Rating **	M	Issue No.	18 (cont)	
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 2 of 2 : FA_2019_NA0011_146_18_20190912_00007.jpg



Repair damage from vehicle traffic on slope and shoulder. (Fall 2017)

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					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

Photo 1 of 2 : FA_2019_NA0011_146_38_20191009_00040.jpg



Erosion on waterside slope. (Fall 2019)

LM Start	5.67	Rating **	M	Issue No.	38 (cont)
LM End	5.67	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2019_NA0011_146_38_20190912_00018.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 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	5.90	Rating **	M	Issue No.	17
LM End	5.90	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			36.968205 °	36.968205 °
				-120.267562 °	-120.267562 °
DWR ID	DWR_NA0011_05_f_2019_17				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

Photo 1 of 2 : FA_2019_NA0011_146_17_20191009_00041.jpg



View of landside slope erosion looking upstream. (Fall 2019)

LM Start	5.90	Rating **	M	Issue No.	17 (cont)
LM End	5.90	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA_2019_NA0011_146_17_20191009_00042.jpg



View of erosion in landside slope. (Fall 2019)

LM Start	6.09	Rating **	C	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 prunings here need to be burned or removed from levee WS 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 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	6.16	Rating **	M	Issue No.	20
LM End	6.26	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.968198°	36.968323°
				-120.263013°	-120.261192°
DWR ID	DWR_NA0011_05_f_2019_20				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	6.30	Rating **	M	Issue No.	46
LM End	6.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			36.968399 °	36.968399 °
				-120.260433 °	-120.260433 °
DWR ID	DWR_NA0011_05_s_2019_46				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Rills on waterside slope.					

Photo 1 of 1 : FA_2019_NA0011_146_46_20190912_00021.jpg



Rills observed on waterside slope. (Spring 2019)

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_2019_NA0011_146_37_20190912_00017.jpg



Rill erosion 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 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	6.57	Rating **	U	Issue No.	29
LM End	6.57	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.968477 °	36.968477 °
				-120.255557 °	-120.255557 °
DWR ID	DWR_NA0011_05_f_2019_29				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Tree should be trimmed above the levee crown and 5 feet above the slope.					

Photo 1 of 1 : FA_2019_NA0011_146_29_20191009_00043.jpg



View of tree growing on landside slope looking upstream. (Fall 2019)

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 rodents in the area listed and place bait stations.					

No Photos

LM Start	6.58	Rating **	U	Issue No.	33
LM End	7.70	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.968493 °	36.969800 °
				-120.255322 °	-120.235388 °
DWR ID	DWR_NA0011_05_f_2019_33				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA_2019_NA0011_146_33_20191009_00044.jpg



View of waterside slope looking upstream. (Fall 2019)

*** 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 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	6.98	Rating **	C	Issue No.	49
LM End	7.52	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		36.969531°	36.969546°	
			-120.248361°	-120.238528°	
DWR ID	DWR_NA0011_05_s_2019_49				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

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	7.32	Rating **	M	Issue No.	36
LM End	7.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		36.969525°	36.969567°	
			-120.242203°	-120.238567°	
DWR ID	DWR_NA0011_05_f_2019_36				
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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

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_2019_NA0011_146_24_20190912_00009.jpg



Rodent activity on landside slope. (Fall 2018)

LM Start	7.71	Rating **	M	Issue No.	40
LM End	8.57	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.969893 °	36.972327 °
				-120.235178 °	-120.220862 °
DWR ID	DWR_NA0011_05_f_2019_40				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

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

* 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 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	7.99	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			36.972121°	36.972186°
				-120.230994°	-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 observed in this section.					

Photo 1 of 1 : FA_2019_NA0011_146_12_20190912_00004.jpg



Rodent activity on landside slope. (Fall 2018)

LM Start	8.40	Rating **	U	Issue No.	51
LM End	8.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.972953 °	36.972953 °
				-120.223839 °	-120.223839 °
DWR ID	DWR_NA0011_05_s_2019_51				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 2 : FA_2019_NA0011_146_51_20191009_00046.jpg



Several rodent holes observed at this location. (Fall 2019)

LM Start	8.40	Rating **	U	Issue No.	51 (cont)
LM End	8.40	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA_2019_NA0011_146_51_20191009_00047.jpg



View of rodent burrow in landside slope. (Fall 2019)

*** 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 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	8.57	Rating **	U	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 growing on waterside slope.					

Photo 1 of 2 : FA_2019_NA0011_146_10_20190912_00001.jpg



Cactus growing on waterside shoulder. (Spring 2019)

LM Start	8.57	Rating **	U	Issue No.	10 (cont)
LM End	8.57	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2019_NA0011_146_10_20190912_00002.jpg



Cactus on waterside slope. (Fall 2018)

LM Start	8.77	Rating **	M	Issue No.	41
LM End	8.88	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.972228 °	36.972653 °
				-120.217422 °	-120.215403 °
DWR ID	DWR_NA0011_05_f_2019_41				
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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Madera County FCWCA

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	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	0.44	Rating **	U	Issue No.	20
LM End	0.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			36.975030 °	36.975014 °
				-120.360382 °	-120.360401 °
DWR ID	DWR_NA0011_06_f_2012_20				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
This erosion should be taken care of before it gets worse.					

Photo 1 of 1 : FA_2019_NA0011_147_20_20190912_00005.jpg



Looking downstream at the old erosion site landside slope.

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

* 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 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

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_2019_NA0011_147_17_20190912_00003.jpg



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

LM Start	1.15	Rating **	U	Issue No.	17 (cont)
LM End	1.15	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2019_NA0011_147_17_20190912_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 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

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	3.47	Rating **	M	Issue No.	45
LM End	3.98	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.967393°	36.967473°
				-120.310278°	-120.301192°
DWR ID	DWR_NA0011_06_f_2019_45				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
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_2019_NA0011_147_27_20190912_00008.jpg



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

* 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 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	3.99	Rating **	M	Issue No.	34
LM End	3.99	Issue Type +	Ma	Location *	LS
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	4.43	Rating **	M	Issue No.	40
LM End	4.96	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		36.967518°	36.967542°	
			-120.292980°	-120.283403°	
DWR ID	DWR_NA0011_06_f_2019_40				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
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 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	4.74	Rating **	M	Issue No.	78
LM End	4.74	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		36.967508°	36.967508°	
			-120.287446°	-120.287446°	
DWR ID	DWR_NA0011_06_s_2019_78				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	5.18	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	5.40	Rating **	M	Issue No.	35
LM End	5.96	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		36.967543°	36.967493°	
			-120.275553°	-120.265263°	
DWR ID	DWR_NA0011_06_f_2019_35				
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 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

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_2019_NA0011_147_53_20190912_00022.jpg



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

LM Start	5.46	Rating **	M	Issue No.	28
LM End	5.96	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.967537 °	36.967493 °
				-120.274367 °	-120.265263 °
DWR ID	DWR_NA0011_06_f_2019_28				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

No Photos

LM Start	5.49	Rating **	M	Issue No.	30
LM End	5.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.967508 °	36.967493 °
				-120.273917 °	-120.265263 °
DWR ID	DWR_NA0011_06_f_2019_30				
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 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

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 °	36.967482 °
				-120.264154 °	-120.263363 °
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

LM Start	6.24	Rating **	M	Issue No.	26
LM End	7.90	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.967635 °	36.971235 °
				-120.260278 °	-120.231275 °
DWR ID	DWR_NA0011_06_f_2019_26				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

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					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

Photo 1 of 1 : FA_2019_NA0011_147_58_20190912_00024.jpg



Minor erosion 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 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

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

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

* 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 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

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

LM Start	7.91	Rating **	U	Issue No.	12
LM End	8.51	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.971235 °	36.971575 °
				-120.231233 °	-120.220632 °
DWR ID	DWR_NA0011_06_f_2019_12				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA_2019_NA0011_147_12_20191009_00051.jpg



Vegetation on waterside slope looking downstream. (Fall 2019)

LM Start	7.91	Rating **	M	Issue No.	23
LM End	7.91	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			36.971293 °	36.971293 °
				-120.231180 °	-120.231180 °
DWR ID	DWR_NA0011_06_f_2019_23				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA_2019_NA0011_147_23_20191009_00052.jpg



Damage to landside slope from vehicle traffic. (Fall 2019)

*** 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 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	7.96	Rating **	M	Issue No.	32
LM End	7.96	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.971543 °	36.971543 °
				-120.230285 °	-120.230285 °
DWR ID	DWR_NA0011_06_s_2017_32				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove the brush pile from the levee slope. This pile is providing habitat for rodents.					

Photo 1 of 1 : FA_2019_NA0011_147_32_20190912_00010.jpg



Fresno River waterside levee mile 7.96.

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	8.00	Rating **	M	Issue No.	15
LM End	8.40	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.971673 °	36.972195 °
				-120.229700 °	-120.222448 °
DWR ID	DWR_NA0011_06_f_2019_15				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

Photo 1 of 1 : FA_2019_NA0011_147_15_20191009_00053.jpg



Vegetation growing along levee crown. (Fall 2019)

*** 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

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

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