

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	09/24/2020 09/24/2020	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 **	A	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 a good working knowledge of flood response activities and has been involved in flood fight 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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	09/24/2020 09/24/2020	Corey Fujitani

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

Photo 1 of 2 : FA_2020_NA0011_142_20_20200901_00009.jpg



View of slope damage next to pipe headwall structure. (Spring 2020)

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

Photo 2 of 2 : FA_2020_NA0011_142_20_20200901_00010.jpg



View of damage to landside slope. (Fall 2019)

LM Start	0.06	Rating **	M	Issue No.	19
LM End	0.87	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.046732 °	37.054481 °
				-120.426922 °	-120.417003 °
DWR ID	DWR_NA0011_01_s_2017_19				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Ash Slough	Right	2.37	09/24/2020 09/24/2020	Corey Fujitani

LM Start	0.28	Rating **	M	Issue No.	6							
LM End	0.30	Issue Type +	Ma	Location *	WS							
Category	Earthen Levee		GPS Latitude/Longitude									
			Start	End								
Item	Encroachments		37.047812 °	37.047963 °								
			-120.423155 °	-120.422898 °								
DWR ID	DWR_NA0011_01_s_2012_6											
Comment Code												
TR : Tree or limb												
Inspector Comment												

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

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_2020_NA0011_142_11_20200901_00001.jpg



Remove downed tree from waterside 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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	09/24/2020 09/24/2020	Corey Fujitani

LM Start	0.53	Rating **	M	Issue No.	10
LM End	0.53	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.050335 °	37.050335 °	
			-120.419965 °	-120.419965 °	
DWR ID	DWR_NA0011_01_s_2012_10				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the tree limbs from the waterside slope.					

No Photos

LM Start	0.62	Rating **	M	Issue No.	37
LM End	0.62	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.051222 °	37.051222 °	
			-120.418810 °	-120.418810 °	
DWR ID	DWR_NA0011_01_f_2015_37				
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 °	-120.417641 °	
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_2020_NA0011_142_21_20200901_00011.jpg



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

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

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	09/24/2020 09/24/2020	Corey Fujitani

LM Start	1.77	Rating **	M	Issue No.	12
LM End	2.02	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.062054 °	37.064780 °
				-120.404681 °	-120.401683 °
DWR ID	DWR_NA0011_01_f_2020_12				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	1.93	Rating **	M	Issue No.	9
LM End	2.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.063792 °	37.065008 °
				-120.402687 °	-120.401461 °
DWR ID	DWR_NA0011_01_f_2020_9				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA_2020_NA0011_142_9_20201005_00033.jpg



View of the landside slope looking upstream. (Fall 2020)

* 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

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

View of the waterside slope looking downstream. (Fall 2020)

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	09/24/2020 09/24/2020	Corey Fujitani

LM Start	0.31	Rating **	M	Issue No.	10
LM End	1.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.047281 °	37.063032 °
				-120.422327 °	-120.401961 °
DWR ID	DWR_NA0011_02_f_2020_10				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.32	Rating **	U	Issue No.	42
LM End	0.44	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.047265 °	37.048561 °
				-120.422125 °	-120.420562 °
DWR ID	DWR_NA0011_02_s_2020_42				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

Photo 1 of 1 : FA_2020_NA0011_143_42_20201005_00040.jpg



View of levee crown looking downstream. (Fall 2020)

LM Start	0.32	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			37.047376 °	37.059952 °
				-120.422190 °	-120.405448 °
DWR ID	DWR_NA0011_02_s_2017_19				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	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	09/24/2020 09/24/2020	Corey Fujitani

LM Start	0.32	Rating **	U	Issue No.	39
LM End	1.67	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.047376 °	37.060091 °
				-120.422190 °	-120.405340 °
DWR ID	DWR_NA0011_02_f_2015_39				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
The levee section waterside is covered with rodent holes.					

Photo 1 of 2 : FA_2020_NA0011_143_39_20200901_00018.jpg



Other rodent holes noted in the slope waterside levee section.

LM Start	0.32	Rating **	U	Issue No.	39 (cont)
LM End	1.67	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2020_NA0011_143_39_20200901_00019.jpg



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

LM Start	0.32	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			37.047376 °	37.063718 °
				-120.422190 °	-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

* 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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Photo 1 of 1 : FA_2020_NA0011_143_28_20200901_00012.jpg



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

Photo 1 of 1 : FA_2020_NA0011_143_33_20200901_00016.jpg



Dead fallen trees on the waterside levee slope and shoulder.

Photo 1 of 1 : FA_2020_NA0011_143_14_20200901_00007.jpg



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

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	09/24/2020 09/24/2020	Corey Fujitani

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.	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	0.86	Rating **	U	Issue No.	9
LM End	2.02	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.053450 °	37.063911 °
				-120.416290 °	-120.401227 °
DWR ID	DWR_NA0011_02_f_2020_9				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA_2020_NA0011_143_9_20201005_00041.jpg



View of waterside slope looking downstream. (Fall 2020)

*** 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. 02 Ash Slough	Left	2.04	09/24/2020 09/24/2020	Corey Fujitani

LM Start	1.10	Rating **	U	Issue No.	1
LM End	1.19	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.055596 °	37.055596 °
				-120.412647 °	-120.412647 °
DWR ID	NA0011U02RM2.57				
Comment Code					

Comment Code

Inspector Comment

Site ID: NA0011U02RM2.57

08/19/2020: From 2013 to present, no significant changes were observed during the annual survey.

07/24/2012: Dense vegetation around the site.

08/09/2011: 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 *	WS

Photo 1 of 3 : SJR2019_NA0011U02RM2.57_03.JPG



8/19/2020: Close-up view of erosion beneath a tree on the levee slope.

Photo 2 of 3 : SJR2019_NA0011U02RM2.57_04.JPG



8/19/2020: Eorsion visible on the levee toe.

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Unit No. 02 Ash Slough	Left	2.04	09/24/2020 09/24/2020	Corey Fujitani

LM Start	1.10	Rating **	U	Issue No.	1 (cont)
LM End	1.19	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.055596 °	37.055596 °
				-120.412647 °	-120.412647 °
DWR ID	NA0011U02RM2.57				

Photo 3 of 3 : SJR2019_NA0011U02RM2.57_07.JPG



8/19/2020: View of the levee slope looking downstream with erosion around a fallen tree root in the foreground.

LM Start	1.10	Rating **	M	Issue No.	17
LM End	1.13	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.055437 °	37.055533 °
				-120.413392 °	-120.412863 °
DWR ID	DWR_NA0011_02_f_2017_17				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Trim branches from waterside tree hanging low over the crown inhibiting crown access.					

No Photos

LM Start	1.51	Rating **	M	Issue No.	25
LM End	1.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.058652 °	37.058802 °
				-120.407638 °	-120.407350 °
DWR ID	DWR_NA0011_02_s_2012_25				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					
Trim the trees on the waterside slope levee miles 1.51-1.52.					

Photo 1 of 1 : FA_2020_NA0011_143_25_20200901_00010.jpg



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

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

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Unit No. 02 Ash Slough	Left	2.04	09/24/2020 09/24/2020	Corey Fujitani

* 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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	09/24/2020 09/24/2020	Corey Fujitani

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	0.06	Rating **	C	Issue No.	18
LM End	0.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.996378 °	36.996378 °
				-120.372738 °	-120.372738 °
DWR ID	DWR_NA0011_03_f_2014_18				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.08	Rating **	M	Issue No.	32
LM End	1.51	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			36.996264 °	36.996613 °
				-120.372350 °	-120.346570 °
DWR ID	DWR_NA0011_03_s_2014_32				
Comment Code					
C3 : Add appropriate gravel or road base. Grade and compact.					
Inspector Comment					
Regrade the crown for proper drainage and add more rock to crown.					

Photo 1 of 1 : FA_2020_NA0011_144_32_20200901_00011.jpg



Looking downstream at levee crown. (Spring 2018)

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	09/24/2020 09/24/2020	Corey Fujitani

LM Start	0.08	Rating **	U	Issue No.	20
LM End	0.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.996204 °	36.996201 °
				-120.372352 °	-120.372345 °
DWR ID	DWR_NA0011_03_s_2012_20				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove the prunings from the landside slope.					

Photo 1 of 1 : FA_2020_NA0011_144_20_20200901_00010.jpg



Looking at prunings on landward slope. (Spring 2018)

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.					

Photo 1 of 1 : FA_2020_NA0011_144_6_20201005_00018.jpg



View of rodent burrows in the landside slope. (Fall 2020)

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_2020_NA0011_144_10_20200901_00005.jpg



View of dead tree on the landside 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 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	09/24/2020 09/24/2020	Corey Fujitani

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

Photo 1 of 1 : FA_2020_NA0011_144_5_20200901_00002.jpg



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

LM Start	0.59	Rating **	M	Issue No.	3
LM End	1.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.996255 °	36.996631 °
				-120.363122 °	-120.350310 °
DWR ID	DWR_NA0011_03_f_2020_3				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

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 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	09/24/2020 09/24/2020	Corey Fujitani

LM Start	1.04	Rating **	M	Issue No.	11
LM End	1.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.996613 °	36.996610 °
				-120.355055 °	-120.354995 °
DWR ID	DWR_NA0011_03_s_2012_11				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove nut tree from the slope.					

Photo 1 of 1 : FA_2020_NA0011_144_11_20201005_00019.jpg



Remove dead walnut tree on the landside slope. (Fall 2020)

LM Start	1.06	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			36.996627 °	36.996607 °
				-120.354812 °	-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_2020_NA0011_144_8_20200901_00004.jpg



Berenda Slough Unit 3 looking upstream.

LM Start	1.06	Rating **	M	Issue No.	9	
LM End	1.51	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			36.996627 °		36.996633 °
				-120.354684 °		-120.346716 °
DWR ID	DWR_NA0011_03_f_2020_9					
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 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	09/24/2020 09/24/2020	Corey Fujitani

LM Start	1.09	Rating **	M	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_2020_NA0011_144_14_20200901_00007.jpg



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

LM Start	1.12	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			36.996630 °	36.996630 °
				-120.353638 °	-120.353638 °
DWR ID	DWR_NA0011_03_s_2012_15				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.24	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_2020_NA0011_144_4_20200901_00001.jpg



Berenda Slough looking back upstream waterside at the 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 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	09/24/2020 09/24/2020	Corey Fujitani

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 1 : FA_2020_NA0011_144_17_20200901_00008.jpg



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

LM Start	1.25	Rating **	M	Issue No.	12
LM End	1.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.996635 °	36.996635 °
				-120.351369 °	-120.351369 °
DWR ID	DWR_NA0011_03_f_2020_12				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.29	Rating **	M	Issue No.	13
LM End	1.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.996633 °	36.996633 °
				-120.350559 °	-120.350559 °
DWR ID	DWR_NA0011_03_f_2020_13				
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 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 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	09/24/2020 09/24/2020	Corey Fujitani

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_2020_NA0011_145_3_20200901_00001.jpg



Berenda Slough Unit 4 Looking upstream landside.

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_2020_NA0011_145_19_20200901_00011.jpg



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

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	09/24/2020 09/24/2020	Corey Fujitani

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_2020_NA0011_145_15_20200901_00008.jpg



Berenda Slough looking upstream from the levee mile 0.14.

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					

Photo 1 of 1 : FA_2020_NA0011_145_26_20201006_00027.jpg



Low hanging tree limb above the levee crown. (Fall 2020)

LM Start	0.28	Rating **	M	Issue No.	21
LM End	0.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.995564 °	36.995564 °
				-120.368540 °	-120.368540 °
DWR ID	DWR_NA0011_04_f_2012_21				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the discarded tree and branches from the levee slope.					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	09/24/2020 09/24/2020	Corey Fujitani

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

No Photos

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

Photo 1 of 1 : FA_2020_NA0011_145_22_20200901_00012.jpg



Looking west at large hole next concrete riser (no pipe) on landward slope. (Spring 2020)

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_2020_NA0011_145_16_20200901_00009.jpg



Tree on WS shoulder.

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

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

Madera County FCWCA

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	09/24/2020 09/24/2020	Corey Fujitani

LM Start	1.63	Rating **	M	Issue No.	59
LM End	1.67	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.996573 °	36.997002 °
				-120.344428 °	-120.343977 °
DWR ID	DWR_NA0011_04_s_2012_59				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Exterminate rodents in this area.					

No Photos

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

No Photos

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

Photo 1 of 1 : FA_2020_NA0011_145_27_20200901_00013.jpg



Trim tree on waterside shoulder. (Fall 2018)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	09/23/2020 09/23/2020	Corey Fujitani

LM Start	0.00	Rating **	U	Issue No.	7
LM End	0.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.978539 °	36.977496 °
				-120.368431 °	-120.363080 °
DWR ID	DWR_NA0011_05_f_2020_7				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA_2020_NA0011_146_7_20201006_00032.jpg



Vegetation on the landside slope and toe. (Fall 2020)

LM Start	0.00	Rating **	U	Issue No.	8	
LM End	2.27	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			36.978539 °		36.967973 °
				-120.368431 °		-120.333207 °
DWR ID	DWR_NA0011_05_f_2020_8					
Comment Code						
V1 : Control annual grass and weeds on the levee slopes and easements.						
Inspector Comment						

Photo 1 of 1 : FA_2020_NA0011_146_8_20201006_00033.jpg



View of the waterside slope looking upstream. (Fall 2020)

LM Start	0.12	Rating **	U	Issue No.	21
LM End	0.12	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.978327 °	36.978327 °
				-120.366440 °	-120.366440 °
DWR ID	DWR_NA0011_05_f_2020_21				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA_2020_NA0011_146_21_20201006_00034.jpg



Rodent burrows in the waterside slope. (Fall 2020)

* 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 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	09/23/2020 09/23/2020	Corey Fujitani

LM Start	0.32	Rating **	M	Issue No.	23
LM End	2.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		36.977446 °	36.968001 °	
			-120.362910 °	-120.328114 °	
DWR ID	DWR_NA0011_05_f_2020_23				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	2.31	Rating **	M	Issue No.	30
LM End	4.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		36.967979 °	36.968176 °	
			-120.332424 °	-120.300890 °	
DWR ID	DWR_NA0011_05_f_2020_30				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	2.55	Rating **	M	Issue No.	19
LM End	2.55	Issue Type +	Ma	Location *	WS
Category	Rivers, Channels & Designated Floodways		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		36.967986 °	36.967986 °	
			-120.328164 °	-120.328164 °	
DWR ID	DWR_NA0011_05_s_2012_19				
Comment Code					
Inspector Comment					
Debris in channel used for unofficial shooting range.					

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

Madera County FCWCA

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	09/23/2020 09/23/2020	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 1 : FA_2020_NA0011_146_17_20200901_00006.jpg



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

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_2020_NA0011_146_46_20200901_00019.jpg



Rills observed on waterside slope. (Spring 2019)

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_2020_NA0011_146_29_20200901_00013.jpg



View of tree growing on landside 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 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	09/23/2020 09/23/2020	Corey Fujitani

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

No Photos

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

Photo 1 of 1 : FA_2020_NA0011_146_28_20200901_00012.jpg



Fresno River landside levee slope levee mile 6.75-6.95.

LM Start	6.90	Rating **	M	Issue No.	45
LM End	7.53	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.969519 °	36.969537 °
				-120.249843 °	-120.238482 °
DWR ID	DWR_NA0011_05_s_2020_45				
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
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	09/23/2020 09/23/2020	Corey Fujitani

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

No Photos

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

Photo 1 of 1 : FA_2020_NA0011_146_24_20200901_00009.jpg



Rodent activity on landside slope. (Fall 2018)

LM Start	7.92	Rating **	A/W	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			36.971587 °	36.971587 °
				-120.232203 °	-120.232203 °
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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Madera County FCWCA

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	09/23/2020 09/23/2020	Corey Fujitani

LM Start	0.91	Rating **	M	Issue No.	35
LM End	2.43	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.969953 °	36.967260 °
				-120.354627 °	-120.329106 °
DWR ID	DWR_NA0011_06_f_2020_35				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA_2020_NA0011_147_35_20201006_00047.jpg



Vegetation on the waterside slope. (Fall 2020)

LM Start	1.02	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			36.968520 °	36.967334 °
				-120.354012 °	-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 1 : FA_2020_NA0011_147_17_20200901_00003.jpg



View of slump possibly the result of rodent activity.

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 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	09/23/2020 09/23/2020	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	1.27	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					
C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.					
Inspector Comment					
Repair the crown roadway of ruts and depressions, regrade where needed.					

No Photos

LM Start	2.20	Rating **	M	Issue No.	69
LM End	2.23	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			36.967231 °	36.967228 °
				-120.333365 °	-120.332781 °
DWR ID	DWR_NA0011_06_s_2020_69				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA_2020_NA0011_147_69_20200901_00024.jpg



Vehicle tracks in the landside slope. (Spring 2020)

* 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 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	09/23/2020 09/23/2020	Corey Fujitani

LM Start	2.59	Rating **	M	Issue No.	30							
LM End	3.45	Issue Type +	Ma	Location *	WS							
Category	Earthen Levee		GPS Latitude/Longitude									
			Start	End								
Item	Vegetation		36.967280 °	36.967389 °								
			-120.326264 °	-120.310681 °								
DWR ID	DWR_NA0011_06_f_2020_30											
Comment Code												
V1 : Control annual grass and weeds on the levee slopes and easements.												
Inspector Comment												

Photo 1 of 1 : FA_2020_NA0011_147_30_20201006_00048.jpg



Looking upstream along the waterside slope. (Fall 2020)

LM Start	3.49	Rating **	M	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_2020_NA0011_147_27_20200901_00008.jpg



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

LM Start	3.76	Rating **	M	Issue No.	40							
LM End	3.76	Issue Type +	Ma	Location *	CR							
Category	Earthen Levee		GPS Latitude/Longitude									
			Start	End								
Item	Animal Control		36.967419 °	36.967419 °								
			-120.305171 °	-120.305171 °								
DWR ID	DWR_NA0011_06_s_2020_40											
Comment Code												
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.												
Inspector Comment												
Depression on the levee crown appears to be cause by rodent burrow.												

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 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	09/23/2020 09/23/2020	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	4.56	Rating **	M	Issue No.	65
LM End	4.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		36.967501 °	36.967502 °	
			-120.290581 °	-120.290215 °	
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

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

* 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 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	09/23/2020 09/23/2020	Corey Fujitani

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

No Photos

LM Start	5.44	Rating **	M	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_2020_NA0011_147_53_20200901_00019.jpg



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

LM Start	5.48	Rating **	M	Issue No.	29
LM End	5.94	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		36.967514 °	36.967511 °	
			-120.274000 °	-120.265673 °	
DWR ID	DWR_NA0011_06_f_2020_29				
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 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	09/23/2020 09/23/2020	Corey Fujitani

LM Start	5.48	Rating **	M	Issue No.	28
LM End	5.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		36.967514 °	36.967510 °	
			-120.274000 °	-120.265424 °	
DWR ID	DWR_NA0011_06_f_2020_28				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	5.48	Rating **	M	Issue No.	57
LM End	5.96	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		36.967491 °	36.967480 °	
			-120.273970 °	-120.265261 °	
DWR ID	DWR_NA0011_06_s_2020_57				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

No Photos

LM Start	6.03	Rating **	C	Issue No.	60
LM End	6.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		36.967477 °	36.967477 °	
			-120.264109 °	-120.264109 °	
DWR ID	DWR_NA0011_06_f_2018_60				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	09/23/2020 09/23/2020	Corey Fujitani

LM Start	6.29	Rating **	M	Issue No.	58
LM End	6.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			36.967750 °	36.967750 °
				-120.259385 °	-120.259385 °
DWR ID	DWR_NA0011_06_f_2018_58				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

Photo 1 of 1 : FA_2020_NA0011_147_58_20200901_00021.jpg



Minor erosion on landside slope. (Fall 2018)

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

No Photos

LM Start	6.78	Rating **	M	Issue No.	25	
LM End	7.18	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			36.968776 °		36.968836 °
				-120.250645 °		-120.243550 °
DWR ID	DWR_NA0011_06_f_2020_25					
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 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	09/23/2020 09/23/2020	Corey Fujitani

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

No Photos

LM Start	7.61	Rating **	M	Issue No.	59
LM End	7.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		36.968965 °	36.968965 °	
			-120.235734 °	-120.235734 °	
DWR ID	DWR_NA0011_06_s_2019_59				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA_2020_NA0011_147_59_20200901_00022.jpg



View of vehicle tracks on landside slope. (Spring 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 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	09/23/2020 09/23/2020	Corey Fujitani

LM Start	7.68	Rating **	M	Issue No.	12
LM End	8.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.969410 °	36.971757 °
				-120.234555 °	-120.221150 °
DWR ID	DWR_NA0011_06_f_2020_12				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA_2020_NA0011_147_12_20201006_00051.jpg



View of vegetation on the waterside slope. (Fall 2020).

LM Start	7.71	Rating **	M	Issue No.	47
LM End	8.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.969600 °	36.971842 °
				-120.234229 °	-120.226393 °
DWR ID	DWR_NA0011_06_f_2017_47				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA_2020_NA0011_147_47_20200901_00015.jpg



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

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

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		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 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	09/23/2020 09/23/2020	Corey Fujitani

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_2020_NA0011_147_23_20200901_00006.jpg



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

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_2020_NA0011_147_32_20200901_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

* 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 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	09/23/2020 09/23/2020	Corey Fujitani

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

Photo 1 of 1 : FA_2020_NA0011_147_36_20200901_00011.jpg



Fresno River levee mile 8.03 waterside slope and shoulder.

LM Start	8.09	Rating **	U	Issue No.	31
LM End	8.09	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.971692 °	36.971692 °
				-120.227957 °	-120.227957 °
DWR ID	DWR_NA0011_06_f_2015_31				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the dead tree off the slope and shoulder.					

Photo 1 of 1 : FA_2020_NA0011_147_31_20200901_00009.jpg



Fresno River levee mile 8.09.

*** 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