

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 0070 Meridian

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass	Right	7.92	10/09/2019 10/09/2019	Makar Sokol

LM Start		Rating **	A	Issue No.	12
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals		o		o
			o		o
DWR ID	DWR_RD0070_01_f_2015_12				
Comment Code					
Inspector Comment					
The LMA has the O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	13
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment		o		o
			o		o
DWR ID	DWR_RD0070_01_s_2013_13				
Comment Code					
Inspector Comment					
The LMA has adequate flood fight supplies and equipment.					

No Photos

LM Start		Rating **	A	Issue No.	14
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training		o		o
			o		o
DWR ID	DWR_RD0070_01_s_2013_14				
Comment Code					
Inspector Comment					
The LMA completed flood fight training in 2018.					

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 Sutter Bypass	Right	7.92	10/09/2019 10/09/2019	Makar Sokol

LM Start	0.16	Rating **	A	Issue No.	25
LM End	0.16	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.138687°	39.138687°
				-121.836578°	-121.836578°
DWR ID	DWR_RD0070_01_f_2019_25				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Good vegetation control is implemented on the landside and waterside slopes.					

Photo 1 of 1 : FA_2019_RD0070_29_25_20191011_00071.jpg



View of good vegetation control on the landside slope. Fall 2019.

LM Start	0.71	Rating **	A/W	Issue No.	41
LM End	0.78	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			39.144486°	39.145602°
				-121.842547°	-121.842573°
DWR ID	DWR_RD0070_01_f_2018_41				
Comment Code					
Inspector Comment					
2017 Site ID: BTS 0.8 R Status: Eroding New 2017 Field Notes: Erosion along lower bank, one section has slumped off. Large cracks observed, and expecting additional slumping failures. Site History:					

No Photos

LM Start	0.75	Rating **	M	Issue No.	28
LM End	0.75	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			39.145140°	39.145140°
				-121.842840°	-121.842840°
DWR ID	DWR_RD0070_01_s_2019_28				
Comment Code					
C3 : Add appropriate gravel or road base. Grade and compact.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass	Right	7.92	10/09/2019 10/09/2019	Makar Sokol

LM Start	0.76	Rating **	A/W	Issue No.	36
LM End	0.76	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		39.145240°	39.145240°	
			-121.842650°	-121.842650°	
DWR ID	RD 70-03				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:154					
Site Designation:RD 70-03					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:7/17/2017					
Notes:					

Photo 1 of 3 : LEVAL_FA_2019_154_1686.jpg



LM Start	0.76	Rating **	A/W	Issue No.	36 (cont)
LM End	0.76	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : LEVAL_FA_2019_154_1687.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass	Right	7.92	10/09/2019 10/09/2019	Makar Sokol

LM Start	0.76	Rating **	A/W	Issue No.	36 (cont)
LM End	0.76	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			39.145240°	39.145240°
				-121.842650°	-121.842650°
DWR ID	RD 70-03				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:154					
Site Designation:RD 70-03					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:7/17/2017					
Notes:					

Photo 3 of 3 : LEVAL_FA_2019_154_1688.jpg



LM Start	1.40	Rating **	M	Issue No.	31
LM End	1.40	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			39.146790°	39.146790°
				-121.853060°	-121.853060°
DWR ID	DWR_RD0070_01_s_2019_31				
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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass	Right	7.92	10/09/2019 10/09/2019	Makar Sokol

LM Start	1.77	Rating **	M	Issue No.	32
LM End	1.77	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.151282°	39.151282°
				-121.855818°	-121.855818°
DWR ID	DWR_RD0070_01_f_2016_32				
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_RD0070_29_32_20190822_00006.jpg



View of the rodent holes along the waterside slope.

LM Start	3.38	Rating **	M	Issue No.	34
LM End	3.38	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.156324°	39.156324°
				-121.882749°	-121.882749°
DWR ID	DWR_RD0070_01_s_2019_34				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	3.72	Rating **	C	Issue No.	29
LM End	3.72	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.158183°	39.158183°
				-121.888397°	-121.888397°
DWR ID	DWR_RD0070_01_f_2016_29				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass	Right	7.92	10/09/2019 10/09/2019	Makar Sokol

LM Start	4.21	Rating **	C	Issue No.	42
LM End	4.21	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.163280 °	39.163280 °
				-121.894480 °	-121.894480 °
DWR ID	DWR_RD0070_01_s_2019_42				
Comment Code					
DE : Debris					
Inspector Comment					
The pile of debris should be removed from waterside toe.					

No Photos

LM Start	6.10	Rating **	C	Issue No.	44
LM End	6.10	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.186370 °	39.186370 °
				-121.910420 °	-121.910420 °
DWR ID	DWR_RD0070_01_f_2019_44				
Comment Code					
TR : Tree or limb					
Inspector Comment					
The tree should be removed from the waterside toe.					

No Photos

LM Start	6.18	Rating **	M	Issue No.	6
LM End	6.18	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.187481 °	39.187481 °
				-121.910852 °	-121.910852 °
DWR ID	DWR_RD0070_01_s_2012_6				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 2 : FA_2019_RD0070_29_6_20190822_00001.jpg



View of vehicle erosion along the waterside slope.

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Unit No. 01 Sutter Bypass	Right	7.92	10/09/2019 10/09/2019	Makar Sokol

LM Start	6.18	Rating **	M	Issue No.	6 (cont)
LM End	6.18	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.187481°	39.187481°
				-121.910852°	-121.910852°
DWR ID	DWR_RD0070_01_s_2012_6				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 2 of 2 : FA_2019_RD0070_29_6_20190822_00002.jpg



View of the vehicle erosion along the waterside slope.

LM Start	6.44	Rating **	C	Issue No.	35
LM End	6.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.190897°	39.190897°
				-121.912713°	-121.912713°
DWR ID	DWR_RD0070_01_s_2018_35				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	6.46	Rating **	C	Issue No.	45
LM End	6.46	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.191110°	39.191110°
				-121.913030°	-121.913030°
DWR ID	DWR_RD0070_01_s_2019_45				
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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass	Right	7.92	10/09/2019 10/09/2019	Makar Sokol

LM Start	6.57	Rating **	U	Issue No.	40
LM End	6.57	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.192283°	39.192283°	
			-121.914388°	-121.914388°	
DWR ID	DWR_RD0070_01_f_2018_40				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Several large rodent holes were observed in this area.					

Photo 1 of 1 : FA_2019_RD0070_29_40_20190822_00016.jpg



View of rodent holes along the landside slope.

LM Start	6.87	Rating **	M	Issue No.	46
LM End	6.87	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.195560°	39.195560°	
			-121.918180°	-121.918180°	
DWR ID	DWR_RD0070_01_s_2019_46				
Comment Code					
TR : Tree or limb					
Inspector Comment					
The logs should be removed from waterside slope and shoulder.					

No Photos

LM Start	7.01	Rating **	C	Issue No.	47
LM End	7.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		39.194940°	39.194940°	
			-121.920540°	-121.920540°	
DWR ID	DWR_RD0070_01_s_2019_47				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
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 Sacramento River	Left	15.50	10/10/2019 10/10/2019	Makar Sokol

LM Start	0.05	Rating **	A/W	Issue No.	84
LM End	0.32	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			39.193219°	39.190038°
				-121.935783°	-121.934199°
DWR ID	DWR_RD0070_02_f_2018_84				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 138.1 L Status: Eroding 2017 Field Notes: No observed change. Site History: 1997 - Loss of cobble revetment in levee section. 2004 - New fresh erosion in a short section of the downstream end. 2010 - New deposition on cobbles. 2016 - Site appears to be stabilizing.					

No Photos

LM Start	0.07	Rating **	A/W	Issue No.	74
LM End		Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			39.193083°	
				-121.935258°	
DWR ID	LMA-22				
Comment Code					
Inspector Comment					
Levee Evaluation Comments Description: Site ID No:142 Site Designation:LMA-22 Repair Type: Erosion Rating:Area of Concern Field Date:6/7/2017 Notes: Problematic site was not found. No erosion observed. The erosion is down by the summer water line in the rocks. Continue monitoring the site.					

No Photos

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	15.50	10/10/2019 10/10/2019	Makar Sokol

LM Start	0.65	Rating **	M	Issue No.	102
LM End	0.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.187407°	39.187407°
				-121.938646°	-121.938646°
DWR ID	DWR_RD0070_02_s_2019_102				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	0.85	Rating **	U	Issue No.	101
LM End	0.85	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.185567°	39.185567°
				-121.941427°	-121.941427°
DWR ID	DWR_RD0070_02_s_2019_101				
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_RD0070_30_101_20190822_00030.jpg



View of large rodent holes on the waterside slope. Spring 2019.

LM Start	0.93	Rating **	M	Issue No.	100
LM End	0.93	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.184651°	39.184651°
				-121.942219°	-121.942219°
DWR ID	DWR_RD0070_02_s_2019_100				
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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	15.50	10/10/2019 10/10/2019	Makar Sokol

LM Start	1.23	Rating **	M	Issue No.	99
LM End	1.23	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Crown Surface / Depressions / Rutting		39.180515 °	39.180515 °	
			-121.943885 °	-121.943885 °	
DWR ID	DWR_RD0070_02_s_2019_99				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

Photo 1 of 1 : FA_2019_RD0070_30_99_20191011_00131.jpg



View of the ruts in the crown surface. Fall 2019.

LM Start	1.98	Rating **	A/W	Issue No.	98
LM End	1.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		39.171231 °	39.171231 °	
			-121.937115 °	-121.937115 °	
DWR ID	DWR_RD0070_02_s_2019_98				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Surface runoff is causing erosion/rills.					

No Photos

LM Start	2.03	Rating **	C	Issue No.	96
LM End	2.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.170526 °	39.170526 °	
			-121.936880 °	-121.936880 °	
DWR ID	DWR_RD0070_02_s_2019_96				
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 Sacramento River	Left	15.50	10/10/2019 10/10/2019	Makar Sokol

LM Start	2.40	Rating **	M	Issue No.	49
LM End	2.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.165462°	39.165462°	
			-121.935244°	-121.935244°	
DWR ID	DWR_RD0070_02_f_2016_49				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	3.58	Rating **	C	Issue No.	95
LM End	3.58	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.154026°	39.154026°	
			-121.920108°	-121.920108°	
DWR ID	DWR_RD0070_02_s_2019_95				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	3.98	Rating **	C	Issue No.	93
LM End	3.98	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.149073°	39.149073°	
			-121.916653°	-121.916653°	
DWR ID	DWR_RD0070_02_s_2019_93				
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. 02 Sacramento River	Left	15.50	10/10/2019 10/10/2019	Makar Sokol

LM Start	4.26	Rating **	A/W	Issue No.	90
LM End	4.43	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Crown Surface / Depressions / Rutting		39.145075°	39.142673°	
			-121.917203°	-121.918015°	
DWR ID	DWR_RD0070_02_f_2019_90				
Comment Code					
C3 : Add appropriate gravel or road base. Grade and compact.					
Inspector Comment					

No Photos

LM Start	4.31	Rating **	C	Issue No.	51
LM End	4.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.144305°	39.144305°	
			-121.917400°	-121.917400°	
DWR ID	DWR_RD0070_02_f_2016_51				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	4.95	Rating **	M	Issue No.	54
LM End	4.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.142016°	39.142016°	
			-121.926214°	-121.926214°	
DWR ID	DWR_RD0070_02_f_2016_54				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : FA_2019_RD0070_30_54_20190822_00005.jpg



View of the trees blocking visibility.

* 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

Reclamation District No. 0070 Meridian

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	15.50	10/10/2019 10/10/2019	Makar Sokol

LM Start	5.03	Rating **	U	Issue No.	89
LM End	5.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.141997°	39.141905°
				-121.927776°	-121.928654°
DWR ID	DWR_RD0070_02_s_2019_89				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 3 : FA_2019_RD0070_30_89_20190822_00022.jpg



View of the rodent burrows on the landside slope. Spring 2019.

LM Start	5.03	Rating **	U	Issue No.	89 (cont)
LM End	5.08	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : FA_2019_RD0070_30_89_20190822_00023.jpg



Another view of the rodent burrows on the landside slope. Spring 2019.

LM Start	5.03	Rating **	U	Issue No.	89 (cont)
LM End	5.08	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : FA_2019_RD0070_30_89_20190822_00024.jpg



Upclose view of a large rodent burrow. Spring 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

Reclamation District No. 0070 Meridian

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	15.50	10/10/2019 10/10/2019	Makar Sokol

LM Start	5.67	Rating **	C	Issue No.	88
LM End	5.67	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.142525°	39.142525°
				-121.938499°	-121.938499°
DWR ID	DWR_RD0070_02_s_2019_88				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	6.42	Rating **	A/W	Issue No.	83
LM End	6.54	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			39.132040°	39.130900°
				-121.936521°	-121.934690°
DWR ID	DWR_RD0070_02_f_2018_83				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 131.8 L Status: Eroding 2017 Field Notes: Difficult to observe with excessive vegetation growth. Site History: 2005 - (known as 132) On inside of bend. Erosion of berm toe. Levee slope is steep. Erosion probably due to eddy scour off upstream cobble. 2009 - Groins may be a good option for repair. 2010 - Scour off the upstream rock, some new erosion. 2011 - Site extended downstream. 2012 - Minor new erosion since last year and new animal holes. 2012 - Minor new erosion since last year and new animal holes. 2013 - New tree popout.					

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

Reclamation District No. 0070 Meridian

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	15.50	10/10/2019 10/10/2019	Makar Sokol

LM Start	6.98	Rating **	M	Issue No.	86
LM End	7.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.129602 °	39.129366 °
				-121.926564 °	-121.925436 °
DWR ID	DWR_RD0070_02_s_2019_86				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	7.74	Rating **	N	Issue No.	59
LM End	7.74	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.124503 °	39.124503 °
				-121.915252 °	-121.915252 °
DWR ID	DWR_RD0070_02_f_2016_59				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	8.10	Rating **	C	Issue No.	60
LM End	8.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.122568 °	39.122568 °
				-121.909723 °	-121.909723 °
DWR ID	DWR_RD0070_02_f_2016_60				
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 2019

Reclamation District No. 0070 Meridian

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	15.50	10/10/2019 10/10/2019	Makar Sokol

LM Start	9.28	Rating **	C	Issue No.	61
LM End	9.28	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.107285°	39.107285°
				-121.900753°	-121.900753°
DWR ID	DWR_RD0070_02_f_2016_61				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	9.69	Rating **	N	Issue No.	63
LM End	9.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.101343°	39.101343°
				-121.899381°	-121.899381°
DWR ID	DWR_RD0070_02_f_2016_63				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	9.81	Rating **	C	Issue No.	80
LM End	9.81	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.099770°	39.099770°
				-121.898646°	-121.898646°
DWR ID	DWR_RD0070_02_s_2019_80				
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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**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 0070 Meridian

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	15.50	10/10/2019 10/10/2019	Makar Sokol

LM Start	10.13	Rating **	M	Issue No.	42
LM End	10.13	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.097043 °	39.097043 °	
			-121.894232 °	-121.894232 °	
DWR ID	DWR_RD0070_02_f_2019_42				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	10.30	Rating **	C	Issue No.	79
LM End	10.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.095102 °	39.095102 °	
			-121.892786 °	-121.892786 °	
DWR ID	DWR_RD0070_02_s_2019_79				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	10.58	Rating **	M	Issue No.	43
LM End	10.60	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.091054 °	39.090849 °	
			-121.892694 °	-121.892795 °	
DWR ID	DWR_RD0070_02_f_2019_43				
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

Reclamation District No. 0070 Meridian

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	15.50	10/10/2019 10/10/2019	Makar Sokol

LM Start	10.71	Rating **	U	Issue No.	78
LM End	10.71	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.089312 °	39.089312 °
				-121.893624 °	-121.893624 °
DWR ID	DWR_RD0070_02_s_2019_78				
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_RD0070_30_78_20190822_00020.jpg



View of the rodent burrows on the landside slope and toe. Spring 2019.

LM Start	11.16	Rating **	C	Issue No.	73
LM End	11.16	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.085008 °	39.085008 °
				-121.889095 °	-121.889095 °
DWR ID	DWR_RD0070_02_s_2019_73				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

LM Start	11.36	Rating **	C	Issue No.	71
LM End	11.36	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.082434 °	39.082434 °
				-121.887431 °	-121.887431 °
DWR ID	DWR_RD0070_02_s_2019_71				
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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**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 0070 Meridian

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	15.50	10/10/2019 10/10/2019	Makar Sokol

LM Start	11.53	Rating **	C	Issue No.	69
LM End	11.53	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.080629 °	39.080629 °
				-121.889152 °	-121.889152 °
DWR ID	DWR_RD0070_02_s_2019_69				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

LM Start	11.63	Rating **	C	Issue No.	68
LM End	11.63	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.080468 °	39.080468 °
				-121.891012 °	-121.891012 °
DWR ID	DWR_RD0070_02_s_2019_68				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

LM Start	12.17	Rating **	M	Issue No.	44
LM End	12.17	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.074678 °	39.074678 °
				-121.890099 °	-121.890099 °
DWR ID	DWR_RD0070_02_f_2019_44				
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

Reclamation District No. 0070 Meridian

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	15.50	10/10/2019 10/10/2019	Makar Sokol

LM Start	12.42	Rating **	M	Issue No.	52
LM End	12.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.072455 °	39.072455 °	
			-121.886741 °	-121.886741 °	
DWR ID	DWR_RD0070_02_f_2019_52				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	12.49	Rating **	M	Issue No.	64
LM End	12.54	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.072520 °	39.072526 °	
			-121.885542 °	-121.884654 °	
DWR ID	DWR_RD0070_02_f_2019_64				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	12.93	Rating **	U	Issue No.	66
LM End	13.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		39.071323 °	39.070900 °	
			-121.877606 °	-121.875728 °	
DWR ID	DWR_RD0070_02_s_2019_66				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Sloughing on the landside slope occurred during the February 2019 storms. A temporary solution was used to address the issue. Permanent repairs should be completed to stabilize the slope.					

Photo 1 of 2 : FA_2019_RD0070_30_66_20190822_00012.jpg



View of the sloughing on the landside slope. February 14, 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

Reclamation District No. 0070 Meridian

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	15.50	10/10/2019 10/10/2019	Makar Sokol

LM Start	12.93	Rating **	U	Issue No.	66 (cont)
LM End	13.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		39.071323°	39.070900°	
			-121.877606°	-121.875728°	
DWR ID	DWR_RD0070_02_s_2019_66				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Sloughing on the landside slope occurred during the February 2019 storms. A temporary solution was used to address the issue. Permanent repairs should be completed to stabilize the slope.					

Photo 2 of 2 : FA_2019_RD0070_30_66_20190822_00013.jpg



View of the temporary solution used to address the sloughing. April 3, 2019.

LM Start	13.29	Rating **	C	Issue No.	55
LM End	13.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.068642°	39.068642°	
			-121.871913°	-121.871913°	
DWR ID	DWR_RD0070_02_s_2019_55				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
The berry vines should be removed from the landside slope and toe.					

No Photos

LM Start	13.76	Rating **	M	Issue No.	70
LM End	13.76	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.068326°	39.068326°	
			-121.863902°	-121.863902°	
DWR ID	DWR_RD0070_02_f_2019_70				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the fallen tree 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	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

Reclamation District No. 0070 Meridian

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	15.50	10/10/2019 10/10/2019	Makar Sokol

LM Start	13.82	Rating **	A/W	Issue No.	72
LM End	13.82	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		39.068370°	39.068370°	
			-121.862763°	-121.862763°	
DWR ID	DWR_RD0070_02_s_2017_72				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Repair the erosion along the waterside slope.					

Photo 1 of 1 : FA_2019_RD0070_30_72_20190822_00014.jpg



View of the erosion along the waterside slope.

LM Start	13.83	Rating **	A/W	Issue No.	75
LM End	13.83	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		39.068190°	39.068190°	
			-121.862700°	-121.862700°	
DWR ID	RD 70-01				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:152					
Site Designation:RD 70-01					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:7/17/2017					
Notes: bank slope erosion around a drainage pipe/box					

Photo 1 of 3 : LEVAL_FA_2019_152_1717.jpg



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

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

Reclamation District No. 0070 Meridian

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	15.50	10/10/2019 10/10/2019	Makar Sokol

LM Start	13.83	Rating **	A/W	Issue No.	75 (cont)
LM End	13.83	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		39.068190°	39.068190°	
			-121.862700°	-121.862700°	
DWR ID	RD 70-01				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:152					
Site Designation:RD 70-01					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:7/17/2017					
Notes: bank slope erosion around a drainage pipe/box					

Photo 2 of 3 : LEVAL_FA_2019_152_1728.jpg



LM Start	13.83	Rating **	A/W	Issue No.	75 (cont)
LM End	13.83	Issue Type +	Ma	Location *	

Photo 3 of 3 : LEVAL_FA_2019_152_1730.jpg



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

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

Reclamation District No. 0070 Meridian

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	15.50	10/10/2019 10/10/2019	Makar Sokol

LM Start	13.95	Rating **	M	Issue No.	94
LM End	14.14	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.068692°	39.069846°	
			-121.860561°	-121.857260°	
DWR ID	DWR_RD0070_02_f_2019_94				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	14.08	Rating **	A/W	Issue No.	81
LM End	14.21	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 USACE Erosion Survey		39.069166°	39.070105°	
			-121.857995°	-121.855929°	
DWR ID	DWR_RD0070_02_f_2018_81				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 123.3 L Status: Eroding 2017 Field Notes: minor new erosion. additional tree popout. Site History: 2006 - Erosion into the levee toe. Rock at upstream end has poor transition causing eddy scour. 2010 - Minor new erosion. 2011 - Some fresh erosion. 2012 - Additional slumping on the previously slumped bank, site extended downstream.					

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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