

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2023

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	10/30/2023 10/30/2023	Makar Sokol

LM Start		Rating **	A	Issue No.	14
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_LD0002_01_s_2013_14				
Comment Code					
OM : O&M Manuals					
Inspector Comment					
The LMA has copies of the O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	17
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_LD0002_01_s_2013_17				
Comment Code					
ES : Emergency Supplies & Equipment					
Inspector Comment					
The LMA has adequate flood fight supplies and equipment.					

No Photos

LM Start		Rating **	M	Issue No.	18
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_LD0002_01_s_2013_18				
Comment Code					
FP : Flood Preparedness & Training					
Inspector Comment					
Recommended to take a 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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Unit No. 01 Glenn County Sacramento River	Right	4.90	10/30/2023 10/30/2023	Makar Sokol

LM Start	0.07	Rating **	M	Issue No.	6
LM End	0.28	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2018 USACE Erosion Survey			39.414649°	39.417689°
				-122.009853°	-122.010369°
DWR ID	DWR_LD0002_01_s_2022_6				
Comment Code					
Inspector Comment					
2018 Site ID: SAC 164.7 R					
Status: Eroding					
2018 Field Notes: No observed change.					
Site History: 2009 - Very slow retreat, hard toe, encroaching into the levee projection. 2010 - Slowly eroding. 2011 - Site extended downstream. 2017 - New erosion along entire site.					

Photo 1 of 2 : FA_2023_LD0002_28_6_20231002_00002.jpg



USACE 2018 Erosion Photo #1

LM Start	0.07	Rating **	M	Issue No.	6 (cont)
LM End	0.28	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2023_LD0002_28_6_20231002_00003.jpg



USACE 2018 Erosion Photo #2

LM Start	0.64	Rating **	M	Issue No.	35
LM End	0.77	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.422805°	39.424597°
				-122.011640°	-122.011527°
DWR ID	DWR_LD0002_01_s_2018_35				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : FA_2023_LD0002_28_35_20231002_00012.jpg



View of the wild growth along the waterside slope. Fall 2022.

* 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 Glenn County Sacramento River	Right	4.90	10/30/2023 10/30/2023	Makar Sokol

LM Start	1.16	Rating **	U	Issue No.	4
LM End	2.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.430309°	39.441575°
				-122.010800°	-122.012650°
DWR ID	DWR_LD0002_01_f_2023_4				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA_2023_LD0002_28_4_20231030_00020.jpg



View of the vegetation along the landside slope. Fall 2023.

LM Start	1.16	Rating **	U	Issue No.	5
LM End	2.01	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.430310°	39.441725°
				-122.010800°	-122.012877°
DWR ID	DWR_LD0002_01_f_2023_5				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA_2023_LD0002_28_5_20231030_00021.jpg



View of the vegetation along the waterside slope. Fall 2023.

LM Start	1.25	Rating **	N	Issue No.	31
LM End	1.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.431524°	39.431524°
				-122.010790°	-122.010790°
DWR ID	DWR_LD0002_01_s_2019_31				
Comment Code					
T5 : Tree stumps.					
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 Glenn County Sacramento River	Right	4.90	10/30/2023 10/30/2023	Makar Sokol

LM Start	1.40	Rating **	M	Issue No.	34
LM End	1.40	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			39.433809°	39.433809°
				-122.010814°	-122.010814°
DWR ID	DWR_LD0002_01_f_2016_34				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

Photo 1 of 1 : FA_2023_LD0002_28_34_20231002_00011.jpg



View of a depression on the levee crown looking upstream. Spring 2021.

LM Start	1.45	Rating **	M	Issue No.	8
LM End	1.45	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			39.434459°	39.434459°
				-122.010730°	-122.010730°
DWR ID	DWR_LD0002_01_f_2023_8				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

LM Start	1.54	Rating **	U	Issue No.	15
LM End	1.60	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.435730°	39.436643°
				-122.010565°	-122.010498°
DWR ID	DWR_LD0002_01_f_2012_15				
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_2023_LD0002_28_15_20231002_00005.jpg



View of the rodent activity along the landside slope. Fall 2022.

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

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Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	10/30/2023 10/30/2023	Makar Sokol

LM Start	2.01	Rating **	N	Issue No.	41
LM End	2.01	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.441698°	39.441698°
				-122.012794°	-122.012794°
DWR ID	DWR_LD0002_01_s_2019_41				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	2.70	Rating **	U	Issue No.	10
LM End	3.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.450897°	39.456286°
				-122.017225°	-122.009681°
DWR ID	DWR_LD0002_01_f_2023_10				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA_2023_LD0002_28_10_20231030_00022.jpg



View of the vegetation along the landside slope. Fall 2023.

LM Start	2.70	Rating **	U	Issue No.	9
LM End	3.12	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.450904°	39.455728°
				-122.017229°	-122.013429°
DWR ID	DWR_LD0002_01_f_2023_9				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA_2023_LD0002_28_9_20231030_00023.jpg



View of the vegetation along the waterside slope. Fall 2023.

* 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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Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	10/30/2023 10/30/2023	Makar Sokol

LM Start	2.94	Rating **	M	Issue No.	2
LM End	2.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.453947°	39.453947°
				-122.015764°	-122.015764°
DWR ID	DWR_LD0002_01_f_2015_2				
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_2023_LD0002_28_2_20231002_00001.jpg



View of the rodent holes along the landside slope.

LM Start	3.08	Rating **	M	Issue No.	23
LM End	3.09	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.455394°	39.455501°
				-122.013990°	-122.013879°
DWR ID	DWR_LD0002_01_f_2020_23				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	3.11	Rating **	U	Issue No.	12
LM End	3.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.455647°	39.455805°
				-122.013623°	-122.013286°
DWR ID	DWR_LD0002_01_s_2013_12				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA_2023_LD0002_28_12_20231002_00004.jpg



View of rodent activity on the landside slope. Spring 2022.

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Unit No. 01 Glenn County Sacramento River	Right	4.90	10/30/2023 10/30/2023	Makar Sokol

LM Start	3.17	Rating **	M	Issue No.	7
LM End	3.17	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.456076°	39.456076°
				-122.012563°	-122.012563°
DWR ID	DWR_LD0002_01_s_2023_7				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	3.23	Rating **	U	Issue No.	16
LM End	3.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.456234°	39.456302°
				-122.011413°	-122.009772°
DWR ID	DWR_LD0002_01_f_2012_16				
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_2023_LD0002_28_16_20231002_00006.jpg



View of the rodent holes along the landside slope. Fall 2022.

LM Start	3.42	Rating **	U	Issue No.	13
LM End	4.16	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.457403°	39.467608°
				-122.009471°	-122.011616°
DWR ID	DWR_LD0002_01_f_2023_13				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA_2023_LD0002_28_13_20231030_00024.jpg



View of the vegetation along the waterside slope. Fall 2023.

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

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Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	10/30/2023 10/30/2023	Makar Sokol

LM Start	3.42	Rating **	U	Issue No.	11
LM End	3.74	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.457409°	39.461675°
				-122.009477°	-122.011557°
DWR ID	DWR_LD0002_01_f_2023_11				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA_2023_LD0002_28_11_20231030_00025.jpg



View of the vegetation along the landside slope. Fall 2023.

LM Start	3.48	Rating **	U	Issue No.	24
LM End	3.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.458193°	39.458193°
				-122.009550°	-122.009550°
DWR ID	DWR_LD0002_01_f_2021_24				
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_2023_LD0002_28_24_20231002_00007.jpg



View of rodent activity along the landside slope. Fall 2022.

LM Start	3.53	Rating **	M	Issue No.	27
LM End	3.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.458807°	39.459614°
				-122.009990°	-122.010741°
DWR ID	DWR_LD0002_01_s_2014_27				
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_2023_LD0002_28_27_20231002_00008.jpg



View of the rodent holes along the landside slope. Spring 2021.

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

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Unit No. 01 Glenn County Sacramento River	Right	4.90	10/30/2023 10/30/2023	Makar Sokol

LM Start	3.62	Rating **	M	Issue No.	25
LM End	3.62	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.459888°	39.459888°
				-122.010970°	-122.010970°
DWR ID	DWR_LD0002_01_f_2020_25				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	3.79	Rating **	M	Issue No.	50
LM End	3.79	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.462358°	39.462358°
				-122.011623°	-122.011623°
DWR ID	DWR_LD0002_01_s_2019_50				
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_2023_LD0002_28_50_20231002_00013.jpg



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

LM Start	3.86	Rating **	M	Issue No.	53
LM End	3.86	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.463310°	39.463310°
				-122.011562°	-122.011562°
DWR ID	DWR_LD0002_01_s_2019_53				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Glenn County Sacramento River	Right	4.90	10/30/2023 10/30/2023	Makar Sokol

LM Start	4.00	Rating **	M	Issue No.	40
LM End	4.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.465423°	39.465423°	
			-122.011245°	-122.011245°	
DWR ID	DWR_LD0002_01_s_2022_40				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	4.38	Rating **	M	Issue No.	19
LM End	4.85	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.470653°	39.476458°	
			-122.012740°	-122.017325°	
DWR ID	DWR_LD0002_01_f_2023_19				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	4.61	Rating **	N	Issue No.	54
LM End	4.61	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.473414°	39.473414°	
			-122.015340°	-122.015340°	
DWR ID	DWR_LD0002_01_s_2019_54				
Comment Code					
T5 : Tree stumps.					
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 Glenn County Sacramento River	Right	4.90	10/30/2023 10/30/2023	Makar Sokol

LM Start	4.64	Rating **	N	Issue No.	55
LM End	4.64	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.473680°	39.473680°	
			-122.015618°	-122.015618°	
DWR ID	DWR_LD0002_01_s_2019_55				
Comment Code					
T5 : Tree stumps.					
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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