

**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016**

**Levee District No. 0002 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	09/01/2016 09/01/2016	Tariq Chechi

LM Start		Rating **	A	Issue No.	14
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_LD0002_01_s_2013_14				
Comment Code					
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 *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_LD0002_01_s_2013_17				
Comment Code					
Inspector Comment					
The LMA has adequate flood fight supplies and equipment.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Glenn County Sacramento River	Right	4.90	09/01/2016 09/01/2016	Tariq Chechi

LM Start		Rating **	M	Issue No.	18	
LM End		Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Flood Preparedness & Training				°	
					°	
DWR ID	DWR_LD0002_01_s_2013_18					
Comment Code						
Inspector Comment						
The LMA has completed flood fight training in the past. Recommend taking flood fight training.						

No Photos

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	2015 USACE Erosion Survey, DRAFT			39.414649 °	39.417689 °
				-122.009853 °	-122.010369 °
DWR ID	DWR_LD0002_01_s_2016_6				
Comment Code					
Inspector Comment					
2009 - Very slow retreat, hard toe, encroaching into the levee projection. 2010 - Slowly eroding. 2011 - Site extended downstream. 2015: Last observed in 2013. [2015 Site ID: SAC_164-7_R]					

Photo 1 of 2 : FA\_2016\_LD0002\_28\_6\_20160823\_00005.jpg



USACE 2013 Photo #1

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

Photo 2 of 2 : FA\_2016\_LD0002\_28\_6\_20160823\_00006.jpg



USACE 2013 Photo #2

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Glenn County Sacramento River	Right	4.90	09/01/2016 09/01/2016	Tariq Chechi

LM Start	1.24	Rating **	M	Issue No.	40 (cont)	
LM End	1.24	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			39.431499 °		39.431499 °
				-122.010803 °		-122.010803 °
DWR ID	DWR_LD0002_01_f_2013_40					
Comment Code						
TR : Tree or limb						
Inspector Comment						
Remove the tree limbs from the waterside slope.						

Photo 2 of 2 : FA\_2016\_LD0002\_28\_40\_20160823\_00016.jpg



View of the tree limbs along the waterside slope.

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\_2016\_LD0002\_28\_34\_20160906\_00051.jpg



View of a depression on the levee crown looking upstream.

LM Start	1.43	Rating **	C	Issue No.	4
LM End	1.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.434157 °	39.434157 °
				-122.010760 °	-122.010760 °
DWR ID	DWR_LD0002_01_f_2012_4				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	09/01/2016 09/01/2016	Tariq Chechi

LM Start	1.52	Rating **	M	Issue No.	15
LM End	1.60	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.435485 °	39.436643 °
				-122.010640 °	-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					
LMA needs to repair the rodent holes.					

LM Start	<b>1.52</b>	Rating **	M	Issue No.	<b>15 (cont)</b>
LM End	<b>1.60</b>	Issue Type +	Ma	Location *	LS

Photo 1 of 2 : FA\_2016\_LD0002\_28\_15\_20160823\_00010.jpg



View of the rodent holes along the landside slope.

Photo 2 of 2 : FA\_2016\_LD0002\_28\_15\_20160823\_00011.jpg



View of the rodent holes along the landside slope.

LM Start	1.52	Rating **	M	Issue No.	35
LM End	1.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.435522 °	39.437441 °
				-122.010582 °	-122.010438 °
DWR ID	DWR_LD0002_01_f_2016_35				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA\_2016\_LD0002\_28\_35\_20160906\_00052.jpg



View of the landside vegetation looking upstream.

**\* 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 Glenn County Sacramento River	Right	4.90	09/01/2016 09/01/2016	Tariq Chechi

LM Start	1.59	Rating **	A/W	Issue No.	41
LM End	1.59	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.436550 °	39.436550 °
				-122.010490 °	-122.010490 °
DWR ID	DWR_LD0002_01_f_2016_41				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	2.01	Rating **	M	Issue No.	36
LM End	2.01	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.441740 °	39.441740 °
				-122.012834 °	-122.012834 °
DWR ID	DWR_LD0002_01_s_2016_36				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Downed cottonwood tree on waterside toe and slope					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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	09/01/2016 09/01/2016	Tariq Chechi

LM Start	2.77	Rating **	A/W	Issue No.	42
LM End	2.77	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.451841 °	39.451841 °
				-122.017120 °	-122.017120 °
DWR ID	DWR_LD0002_01_f_2013_42				
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\_2016\_LD0002\_28\_42\_20160823\_00017.jpg



View of the rodent holes along the slope of the levee.

LM Start	2.89	Rating **	M	Issue No.	5
LM End	2.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.453490 °	39.453490 °
				-122.016457 °	-122.016457 °
DWR ID	DWR_LD0002_01_f_2015_5				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : FA\_2016\_LD0002\_28\_5\_20160823\_00004.jpg



View of the prunings along the landside toe.

LM Start	2.91	Rating **	M	Issue No.	2
LM End	2.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.453595 °	39.454003 °
				-122.016273 °	-122.015503 °
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\_2016\_LD0002\_28\_2\_20160823\_00001.jpg



View of the rodent holes and bait station along the landside 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  
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Unit No. 01 Glenn County Sacramento River	Right	4.90	09/01/2016 09/01/2016	Tariq Chechi

LM Start	2.96	Rating **	M	Issue No.	44
LM End	3.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.454003 °	39.454874 °
				-122.015525 °	-122.014521 °
DWR ID	DWR_LD0002_01_f_2016_44				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	3.06	Rating **	C	Issue No.	3
LM End	3.13	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.455145 °	39.455813 °
				-122.014287 °	-122.013205 °
DWR ID	DWR_LD0002_01_s_2012_3				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Repair the rodent holes along the waterside slope.					

No Photos

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

**\*\* Rating**  
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M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

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



## Levee District No. 0002 (Glenn County)

View of the rodent activity along the landside slope.

No Photos

View of the rodent holes along the landside slope.

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## Levee District No. 0002 (Glenn County)

View of the rodent holes along the landside slope.

No Photos

View of the rodent activity along the landside slope.

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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	09/01/2016 09/01/2016	Tariq Chechi

LM Start	4.02	Rating **	M	Issue No.	47
LM End	4.02	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.465622 °	39.465622 °
				-122.011246 °	-122.011246 °
DWR ID	DWR_LD0002_01_f _ 2016_47				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	4.08	Rating **	M	Issue No.	48
LM End	4.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.466563 °	39.467445 °
				-122.011412 °	-122.011570 °
DWR ID	DWR_LD0002_01_f _ 2016_48				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	N/A : Not Applicable A : Acceptable M : Minimally Acceptable U : Unacceptable	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	09/01/2016 09/01/2016	Tariq Chechi

LM Start	4.87	Rating **	A/W	Issue No.	11
LM End	4.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.476676°	39.476676°
				-122.017439°	-122.017439°
DWR ID	DWR_LD0002_01_s_2012_11				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
The rodent holes have been filled with dirt.					

Photo 1 of 1 : FA\_2016\_LD0002\_28\_11\_20160823\_00007.jpg



View of the removed rodent holes and bait station.

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