

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	03/28/2017 03/28/2017	Bob Duffey

LM Start		Rating **	A	Issue No.	<b>5</b>
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
DWR ID	DWR_LD0001G_01_s_2013_5				
Comment Code					
Inspector Comment					
The LMA has copies of the O&M manuals.					

No Photos

LM Start		Rating **	M	Issue No.	<b>9</b>
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
DWR ID	DWR_LD0001G_01_s_2013_9				
Comment Code					
Inspector Comment					
The LMA does not have adequate emergency 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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	03/28/2017 03/28/2017	Bob Duffey

LM Start		Rating **	M	Issue No.	<b>14</b>
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training				
DWR ID	DWR_LD0001G_01_s_2013_14				
Comment Code					
Inspector Comment					
Its been a while since the LMA has completed the flood fight training in the past.					

No Photos

LM Start	<b>0.25</b>	Rating **	M	Issue No.	<b>41</b>
LM End	<b>0.25</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.480769 °	39.480769 °	
			-122.017301 °	-122.017301 °	
DWR ID	DWR_LD0001G_01_f_2015_41				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove tree from the waterside slope.					

Photo 1 of 2 : SP\_2017\_LD0001G\_432\_41\_20170315\_00010.jpg



View of the tree on the waterside slope.

LM Start	<b>0.25</b>	Rating **	M	Issue No.	<b>41 (cont)</b>
LM End	<b>0.25</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP\_2017\_LD0001G\_432\_41\_20170315\_00011.jpg



View of the fallen tree on the waterside slope looking upstream.

* 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 Sacramento River	Right	12.23	03/28/2017 03/28/2017	Bob Duffey

LM Start	1.01	Rating **	M	Issue No.	43
LM End	1.01	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.490963 °	39.490963 °
				-122.020510 °	-122.020510 °
DWR ID	DWR_LD0001G_01_f_2016_43				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_LD0001G\_432\_43\_20170315\_00012.jpg



View of the tree limbs on the landside slope.

LM Start	1.22	Rating **	M	Issue No.	59
LM End	1.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.493667 °	39.493667 °
				-122.018643 °	-122.018643 °
DWR ID	DWR_LD0001G_01_f_2015_59				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
The levee district has a rodent program in place.					

Photo 1 of 2 : SP\_2017\_LD0001G\_432\_59\_20170315\_00025.jpg



View of the rodent holes along the landside slope.

LM Start	1.22	Rating **	M	Issue No.	59 (cont)
LM End	1.22	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP\_2017\_LD0001G\_432\_59\_20170315\_00026.jpg



View of the rodent holes along the landside slope.

<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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## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	03/28/2017 03/28/2017	Bob Duffey

LM Start	2.22	Rating **	M	Issue No.	402
LM End	2.22	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.501690 °	39.501690 °
				-122.006099 °	-122.006099 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:14332					
DS_ID:22944					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Appears abandoned and should be done so properly.					
FIELD_STRUCT_DESC: *ABANDONED* 8-inch pipe of unknown material sleeved through a 12-inch pipe of unknown material through levee, 9.5 feet below crown. Flap gate is located on the waterside (WS). Pipe is opened on the landside (LS). [Additional Reference(s): USACE Sacramento O&M Manual Unit 140, May 1960, (HLM 2.27)].					
FS Date: 5/29/2013					

Photo 1 of 3 : UCIP\_SP\_2017\_14332\_23582.jpg



Pump at location of pipe on LS toe.

LM Start	<b>2.22</b>	Rating **	M	Issue No.	<b>402 (cont)</b>
LM End	<b>2.22</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : UCIP\_SP\_2017\_14332\_23581.jpg



Pipe next to pump at LS toe.

<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. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	03/28/2017 03/28/2017	Bob Duffey

LM Start	2.22	Rating **	M	Issue No.	402 (cont)
LM End	2.22	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.501690 °	39.501690 °
				-122.006099 °	-122.006099 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:14332					
DS_ID:22944					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Appears abandoned and should be done so properly.					
FIELD_STRUCT_DESC: *ABANDONED* 8-inch pipe of unknown material sleeved through a 12-inch pipe of unknown material through levee, 9.5 feet below crown. Flap gate is located on the waterside (WS). Pipe is opened on the landside (LS). [Additional Reference(s): USACE Sacramento O&M Manual Unit 140, May 1960, (HLM 2.27)].					
FS Date: 5/29/2013					

Photo 3 of 3 : UCIP\_SP\_2017\_14332\_23580.jpg



8-inch pipe sleeved through a 12-inch concrete pipe.

LM Start	2.80	Rating **	M	Issue No.	50
LM End	2.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.509503 °	39.509503 °
				-122.008732 °	-122.008732 °
DWR ID	DWR_LD0001G_01_f_2014_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 : SP\_2017\_LD0001G\_432\_50\_20170315\_00017.jpg



View of the rodent activity along the landside slope.

<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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	03/28/2017 03/28/2017	Bob Duffey

LM Start	3.98	Rating **	U	Issue No.	404
LM End	3.98	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.524990 °	39.524990 °
				-122.009575 °	-122.009575 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:51463  
DS\_ID:22904  
EP\_NO: 9572  
Repair Type: Urgent  
Crossing Status: Found  
UCIP Comments: 12/21/2016 Flap gate on WS does not appear to be broken however, flap gate does not fully close due to a 3-inch aluminum pipe sleeve through larger pipe. Need to remove 3-inch pipe in order to have WS flap gate close and to be compliant with Title 23. (O. Magana - DWR UCIP)05/29/2013 Broken flap gate and Concrete headwall on LS toe possibly tilting. Also a 3-inch alluminum irrigation line through the pipe. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 18-inch steel drainage pipe through levee, 7.3 feet below crown. Flap gate in 6-inch by 6-inch concrete box located on the waterside (WS) end. Concrete headwall located on the landside (LS) toe. (18-inch pipe authorized under Automatic Board Order (ABO) issued as Permit No. 9572, 1974 - H. & A. Smith). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual Unit 140, May 1960, (HLM 4.05)].  
FS Date: 12/21/2016

LM Start	<b>3.98</b>	Rating **	U	Issue No.	<b>404 (cont)</b>
LM End	<b>3.98</b>	Issue Type +	Ma	Location *	LS

Photo 1 of 3 : UCIP\_SP\_2017\_51463\_27386.jpg



Distribution box on WS toe.

Photo 2 of 3 : UCIP\_SP\_2017\_51463\_27385.jpg



Headwall on LS toe.

* 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 : 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 Sacramento River	Right	12.23	03/28/2017 03/28/2017	Bob Duffey

LM Start	3.98	Rating **	U	Issue No.	404 (cont)
LM End	3.98	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.524990 °	39.524990 °
				-122.009575 °	-122.009575 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:51463 DS_ID:22904 EP_NO: 9572 Repair Type: Urgent Crossing Status: Found UCIP Comments: 12/21/2016 Flap gate on WS does not appear to be broken however, flap gate does not fully close due to a 3-inch aluminum pipe sleeve through larger pipe. Need to remove 3-inch pipe in order to have WS flap gate close and to be compliant with Title 23. (O. Magana - DWR UCIP)05/29/2013 Broken flap gate and Concrete headwall on LS toe possibly tilting. Also a 3-inch alluminum irrigation line through the pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 18-inch steel drainage pipe through levee, 7.3 feet below crown. Flap gate in 6-inch by 6-inch concrete box located on the waterside (WS) end. Concrete headwall located on the landside (LS) toe. (18-inch pipe authorized under Automatic Board Order (ABO) issued as Permit No. 9572, 1974 - H. & A. Smith). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual Unit 140, May 1960, (HLM 4.05)]. FS Date: 12/21/2016					

Photo 3 of 3 : UCIP\_SP\_2017\_51463\_27384.jpg



Distribution box on WS toe with broken flap gate and 3-inch aluminum irrigation pipe.

LM Start	4.93	Rating **	M	Issue No.	63
LM End	4.93	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.532719 °	39.532719 °
				-121.995849 °	-121.995849 °
DWR ID	DWR_LD0001G_01_f_2015_63				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Repair the erosion along the WS slope.					

Photo 1 of 1 : SP\_2017\_LD0001G\_432\_63\_20170315\_00030.jpg



View of the vehicle erosion along the waterside slope.

<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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	03/28/2017 03/28/2017	Bob Duffey

LM Start	5.06	Rating **	M	Issue No.	57
LM End	5.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.534593 °	39.534593 °
				-121.995950 °	-121.995950 °
DWR ID	DWR_LD0001G_01_f_2013_57				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_LD0001G\_432\_57\_20170315\_00023.jpg



View of the vehicle erosion along the slope of the levee.

LM Start	5.08	Rating **	U	Issue No.	7
LM End	5.17	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.534741 °	39.536013 °
				-121.996024 °	-121.996702 °
DWR ID	DWR_LD0001G_01_f_2012_7				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_LD0001G\_432\_7\_20170315\_00003.jpg



View of the rodent hole along the levee slope.

LM Start	5.22	Rating **	U	Issue No.	67
LM End	5.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.536750 °	39.536750 °
				-121.997090 °	-121.997090 °
DWR ID	DWR_LD0001G_01_s _ 2016_67				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Rodent holes on the LS slope need to be backfilled.					

Photo 1 of 1 : SP\_2017\_LD0001G\_432\_67\_20170315\_00034.jpg



View of the rodent holes 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  
Ob : Design & System Obsolescence  
En : Enforcement

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	03/28/2017 03/28/2017	Bob Duffey

LM Start	<b>5.51</b>	Rating **	A/W	Issue No.	<b>406 (cont)</b>
LM End	<b>5.51</b>	Issue Type +	Ma	Location *	LS

Gate valve on WS toe.

* 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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	03/28/2017 03/28/2017	Bob Duffey

LM Start	5.51	Rating **	A/W	Issue No.	406 (cont)	
LM End	5.51	Issue Type +	Ma	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			39.540546 °		39.540546 °
				-121.998981 °		-121.998981 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:14346 DS_ID:22907 EP_NO: 344 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 12-inch pipe through levee 6.5 feet below crown. Gate valve at toe of waterward slope. Air vent and pump at LS toe. (ABO No. 9566, 1974) (App. No. 344-Giesbrecht) Originally included in the 1960 O&M manual. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual Unit 140, May 1960, (HLM 5.61)]. FS Date: 5/30/2013						

Photo 3 of 3 : UCIP\_SP\_2017\_14346\_23599.jpg



Gate valve on WS toe.

LM Start	5.55	Rating **	U	Issue No.	75
LM End	5.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.541110 °	39.541110 °
				-121.999348 °	-121.999348 °
DWR ID	DWR_LD0001G_01_f _ 2016_75				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Large rodent hole on the landside toe.					

Photo 1 of 1 : SP\_2017\_LD0001G\_432\_75\_20170315\_00039.jpg



View of the rodent holes along the landside slope.

<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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	03/28/2017 03/28/2017	Bob Duffey

LM Start	6.22	Rating **	M	Issue No.	47
LM End	6.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.550533 °	39.550533 °
				-122.002319 °	-122.002319 °
DWR ID	DWR_LD0001G_01_s_2014_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 : SP\_2017\_LD0001G\_432\_47\_20170315\_00014.jpg



View of the rodent activity along the l/s slope.

LM Start	6.24	Rating **	M	Issue No.	76
LM End	6.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.550725 °	39.550725 °
				-122.002370 °	-122.002370 °
DWR ID	DWR_LD0001G_01_f_2016_76				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_LD0001G\_432\_76\_20170315\_00040.jpg



View of the rodent holes along the landside slope.

LM Start	6.30	Rating **	M	Issue No.	65
LM End	6.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.551665 °	39.551665 °
				-122.002639 °	-122.002639 °
DWR ID	DWR_LD0001G_01_f _ 2015_65				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the vegetation from the waterside slope and toe.					

Photo 1 of 1 : SP\_2017\_LD0001G\_432\_65\_20170315\_00032.jpg



View of the vegetation along the waterside slope and toe.

* 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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	03/28/2017 03/28/2017	Bob Duffey

LM Start	6.30	Rating **	M	Issue No.	64
LM End	6.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.551666 °	39.551666 °
				-122.002639 °	-122.002639 °
DWR ID	DWR_LD0001G_01_f_2015_64				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Trim trees along the landside slope.					

Photo 1 of 1 : SP\_2017\_LD0001G\_432\_64\_20170315\_00031.jpg



View of the trees along the landside toe.

LM Start	6.38	Rating **	A/W	Issue No.	10
LM End	6.64	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.552691 °	39.556459 °
				-122.003063 °	-122.003831 °
DWR ID	DWR_LD0001G_01_s_2012_10				
Comment Code					
V8 : Environmental Requirements.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_LD0001G\_432\_10\_20170315\_00005.jpg



View of the Army Corps of Engineers mitigation site.

\* 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 Sacramento River	Right	12.23	03/28/2017 03/28/2017	Bob Duffey

LM Start	6.38	Rating **	M	Issue No.	77
LM End	6.87	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.552745 °	39.559637 °
				-122.003003 °	-122.004800 °
DWR ID	DWR_LD0001G_01_f_2016_77				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Remove the vegetation from the waterside slope.					

Photo 1 of 1 : SP\_2017\_LD0001G\_432\_77\_20170418\_00122.jpg



View of the vegetation along the waterside slope.

LM Start	8.05	Rating **	M	Issue No.	20
LM End	8.16	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.576580 °	39.578187 °
				-122.004962 °	-122.005218 °
DWR ID	DWR_LD0001G_01_s_2012_20				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_LD0001G\_432\_20\_20170315\_00008.jpg



View of the trees and vegetation along the waterside slope of the levee.

\* 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 - Spring 2017

### Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	03/28/2017 03/28/2017	Bob Duffey

LM Start	8.47	Rating **	U	Issue No.	411 (cont)
LM End	8.47	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.582275 °	39.582275 °
				-122.007449 °	-122.007449 °
DWR ID					

Photo 3 of 3 : UCIP\_SP\_2017\_51285\_23666.jpg



Pipe on WS slope.

Comment Code					
Inspector Comment					
FS_ID:51285 DS_ID:22918 EP_NO: 9563 Repair Type: Urgent Crossing Status: Found UCIP Comments: 12/21/2016 same as last inspection crossing is opened on both ends and damaged on WS slope is visible. According to LMA representative, Nick Henning, pipe appears to be abandoned. (O. Magana - DWR UCIP)05/31/2013 Pipe open on both ends and damaged on WS slope. Pipe should be abandoned properly if appropriate. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: *ABANDONED* 12-inch steel drainage pipe through levee, 5 feet below crown. Pipe open on both waterside (WS) and landside (LS) ends. One corrugated metal cutoff wall. (12-inch pipe authorized under Automatic Board Order (ABO) No. 9563, 1974 - County of Glenn). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual Unit 140, May 1960, (HLM 8.60)]. FS Date: 12/21/2016					

* 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	

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	03/28/2017 03/28/2017	Bob Duffey

LM Start	8.84	Rating **	A/W	Issue No.	413
LM End	8.84	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.587097 °	39.587097 °
				-122.005598 °	-122.005598 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:16226  
DS\_ID:22919  
EP\_NO: 9562  
Repair Type: No Action Needed  
Crossing Status: Found  
UCIP Comments:  
FIELD\_STRUCT\_DESC: 24-inch drainage pipe with 3/8-inch wall epoxy coated steel sleeved through existing 30-inch corrugated metal pipe through the levee, 15 feet below the crown. Flap gate located on the waterside (WS) end. Slide gate in 44-inch corrugated metal pipe (CMP) riser on WS slope. Concrete headwalls on both ends. Two corrugated metal cutoff walls. (24-inch pipe was authorized under Permit No. 9562-1, 2011 - Levee District No. 1 - Glenn County; original 30-inch pipe was authorized under Automatic Board Order (ABO) issued as Permit No. 9562, 1974 - L. R. Henrich). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual Unit 140, May 1960, (HLM 8.98)].  
FS Date: 5/31/2013

LM Start	<b>8.84</b>	Rating **	A/W	Issue No.	<b>413 (cont)</b>
LM End	<b>8.84</b>	Issue Type +	Ma	Location *	WS

Photo 1 of 3 : UCIP\_SP\_2017\_16226\_27356.jpg



Concrete headwall on LS toe.

Photo 2 of 3 : UCIP\_SP\_2017\_16226\_27355.jpg



Drainage swale terminates at Concrete headwall for pipe.

* 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	



**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	03/28/2017 03/28/2017	Bob Duffey

LM Start	8.84	Rating **	A/W	Issue No.	413 (cont)
LM End	8.84	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.587097 °	39.587097 °
				-122.005598 °	-122.005598 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:16226 DS_ID:22919 EP_NO: 9562 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch drainage pipe with 3/8-inch wall epoxy coated steel sleeved through existing 30-inch corrugated metal pipe through the levee, 15 feet below the crown. Flap gate located on the waterside (WS) end. Slide gate in 44-inch corrugated metal pipe (CMP) riser on WS slope. Concrete headwalls on both ends. Two corrugated metal cutoff walls. (24-inch pipe was authorized under Permit No. 9562-1, 2011 - Levee District No. 1 - Glenn County; original 30-inch pipe was authorized under Automatic Board Order (ABO) issued as Permit No. 9562, 1974 - L. R. Henrich). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual Unit 140, May 1960, (HLM 8.98)]. FS Date: 5/31/2013					

Photo 3 of 3 : UCIP\_SP\_2017\_16226\_27354.jpg



Slide gate in 44-inch CMP riser on WS slope.

<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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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	03/28/2017 03/28/2017	Bob Duffey

LM Start	9.49	Rating **	M	Issue No.	414
LM End	9.49	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.596012 °	39.596012 °
				-122.002638 °	-122.002638 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:14389  
DS\_ID:22920  
EP\_NO: 9560  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: Heavy rust along springline of pipe. Pipe has slight deformation at centerline of levee, not noticable on crown.  
FIELD\_STRUCT\_DESC: 72-inch corrugated metal drainage pipe through levee, 15 feet below crown. Flap gate located on the waterside (WS) end. Slide gate in 8-inch corrugated metal pipe (CMP) riser on WS slope. Concrete headwalls on both ends. Two corrugated metal cutoff walls. (72-inch pipe authorized under Automatic Board Order (ABO) issued under Permit No. 9560, 1974 - J. & L. Friesen).  
[Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual Unit 140, May 1960, (HLM 9.64)].  
FS Date: 5/31/2013

LM Start	<b>9.49</b>	Rating **	M	Issue No.	<b>414 (cont)</b>
LM End	<b>9.49</b>	Issue Type +	Ma	Location *	WS

Photo 1 of 3 : UCIP\_SP\_2017\_14389\_23686.jpg



Pipe and headwall at LS toe.

Photo 2 of 3 : UCIP\_SP\_2017\_14389\_23685.jpg



Slide gate in 8-foot diameter CMP riser on WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> 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 - Spring 2017

### Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	03/28/2017 03/28/2017	Bob Duffey

LM Start	9.49	Rating **	M	Issue No.	414 (cont)	
LM End	9.49	Issue Type +	Ma	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.596012 °	39.596012 °	
				-122.002638 °	-122.002638 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:14389						
DS_ID:22920						
EP_NO: 9560						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Heavy rust along springline of pipe. Pipe has slight deformation at centerline of levee, not noticable on crown.						
FIELD_STRUCT_DESC: 72-inch corrugated metal drainage pipe through levee, 15 feet below crown. Flap gate located on the waterside (WS) end. Slide gate in 8-inch corrugated metal pipe (CMP) riser on WS slope. Concrete headwalls on both ends. Two corrugated metal cutoff walls. (72-inch pipe authorized under Automatic Board Order (ABO) issued under Permit No. 9560, 1974 - J. & L. Friesen).						
[Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual Unit 140, May 1960, (HLM 9.64)].						
FS Date: 5/31/2013						

Photo 3 of 3 : UCIP\_SP\_2017\_14389\_23684.jpg



Flap gate and headwall on WS toe.

LM Start	9.50	Rating **	A/W	Issue No.	8
LM End	10.40	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.596192 °	39.607288 °
				-122.002573 °	-121.994565 °
DWR ID	DWR_LD0001G_01_s_2012_8				
Comment Code					
V8 : Environmental Requirements.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_LD0001G\_432\_8\_20170315\_00004.jpg



View of the Army Corps of Engineers mitigation site.

<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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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	03/28/2017 03/28/2017	Bob Duffey

LM Start	9.51	Rating **	M	Issue No.	78
LM End	9.91	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.596270 °	39.601582 °
				-122.002523 °	-121.999487 °
DWR ID	DWR_LD0001G_01_f _ 2016_78				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_LD0001G\_432\_78\_20170315\_00041.jpg



View of the waterside vegetation looking upstream.

LM Start	9.91	Rating **	A/W	Issue No.	415
LM End	9.91	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.601470 °	39.601470 °
				-121.999501 °	-121.999501 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:14390 DS_ID:22921 EP_NO: 9559 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through levee, 11 feet below crown. Flap gate is located on the waterside (WS) end. Slide gate in 36-inch corrugated metal pipe riser on WS slope. Concrete headwalls on both ends. Two corrugated metal cutoff walls. (24-inch pipe authorized under Automatic Board Order (ABO) issued as Permit No. 9559, 1974 - D. & M. Giesbrecht). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual Unit 140, May 1960, (HLM 10.05)]. FS Date: 5/31/2013					

Photo 1 of 3 : UCIP\_SP\_2017\_14390\_23690.jpg



Slide gate in 36-inch CMP riser on WS slope.

<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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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	03/28/2017 03/28/2017	Bob Duffey

LM Start	<b>9.91</b>	Rating **	A/W	Issue No.	<b>415 (cont)</b>
LM End	<b>9.91</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.601470 °	39.601470 °	
			-121.999501 °	-121.999501 °	
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:14390  
DS\_ID:22921  
EP\_NO: 9559  
Repair Type: No Action Needed  
Crossing Status: Found  
UCIP Comments:  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal drainage pipe through levee, 11 feet below crown. Flap gate is located on the waterside (WS) end. Slide gate in 36-inch corrugated metal pipe riser on WS slope. Concrete headwalls on both ends. Two corrugated metal cutoff walls. (24-inch pipe authorized under Automatic Board Order (ABO) issued as Permit No. 9559, 1974 - D. & M. Giesbrecht).  
[Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual Unit 140, May 1960, (HLM 10.05)].  
FS Date: 5/31/2013

LM Start	<b>9.91</b>	Rating **	A/W	Issue No.	<b>415 (cont)</b>
LM End	<b>9.91</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : UCIP\_SP\_2017\_14390\_23689.jpg



Concrete headwall and pipe at LS toe.

Photo 3 of 3 : UCIP\_SP\_2017\_14390\_23688.jpg



Erosion around headwall at LS toe.

<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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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	03/28/2017 03/28/2017	Bob Duffey

LM Start	9.93	Rating **	A/W	Issue No.	416
LM End	9.93	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.601659 °	39.601659 °
				-121.999209 °	-121.999209 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:14559  
DS\_ID:22922  
EP\_NO: 9558  
Repair Type: No Action Needed  
Crossing Status: Found  
UCIP Comments:  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal drainage pipe through levee, 11 feet below crown. Flap gate is located on waterside (WS) end. Slide gate in 36-inch corrugated metal pipe riser on WS slope. Two corrugated metal cutoff walls. Concrete headwalls on both ends. (24-inch pipe authorized under Automatic Board Order (ABO) issued as Permit No. 9558, 1974 - D. Geis). Originally included in the 1960 O&M manual. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual Unit 140, May 1960, (HLM 10.08)].  
FS Date: 5/31/2013 8:43:01 AM

LM Start	<b>9.93</b>	Rating **	A/W	Issue No.	<b>416 (cont)</b>
LM End	<b>9.93</b>	Issue Type +	Ma	Location *	WS

Photo 1 of 3 : UCIP\_SP\_2017\_14559\_23986.jpg



Pipe and headwall on LS toe.

Photo 2 of 3 : UCIP\_SP\_2017\_14559\_23985.jpg



Slide gate in 36-inch CMP riser on WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> 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 - Spring 2017**

**Levee District No. 0001 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	03/28/2017 03/28/2017	Bob Duffey

LM Start	9.93	Rating **	A/W	Issue No.	416 (cont)
LM End	9.93	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.601659 °	39.601659 °
				-121.999209 °	-121.999209 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:14559 DS_ID:22922 EP_NO: 9558 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through levee, 11 feet below crown. Flap gate is located on waterside (WS) end. Slide gate in 36-inch corrugated metal pipe riser on WS slope. Two corrugated metal cutoff walls. Concrete headwalls on both ends. (24-inch pipe authorized under Automatic Board Order (ABO) issued as Permit No. 9558, 1974 - D. Geis). Originally included in the 1960 O&M manual. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual Unit 140, May 1960, (HLM 10.08)]. FS Date: 5/31/2013 8:43:01 AM					

Photo 3 of 3 : UCIP\_SP\_2017\_14559\_23984.jpg



Pipe, flapgate, and headwall on WS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> 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 - Spring 2017

### Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	03/28/2017 03/28/2017	Bob Duffey

LM Start	10.43	Rating **	U	Issue No.	420
LM End	10.43	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.607688 °	39.607688 °
				-121.994278 °	-121.994278 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:51286  
DS\_ID:22924  
EP\_NO: 9556  
Repair Type: Urgent  
Crossing Status: Found  
UCIP Comments: 12/21/2016 same as last inspection flap gate disabled in open position. Surface erosion observed on LS slope. Recommend repair on WS flap gate to be able to close flap gate. (O. Magana - DWR UCIP)05/31/2013 Flap gate dissabled in open position. Pipe rusted through at WS toe upstream of Flapgate. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal drainage pipe through levee, 15 feet below crown. Flap gate is located on the waterside (WS) end. Slide gate is inside a corrugated metal pipe (CMP) riser located on the WS slope. Two CM cutoff walls. Concrete headwall is located on LS and under outlet at the WS toe. (24-inch pipe authorized under Automatic Board Order (ABO) issued as Permit No. 9556, 1974 - E. R & M. R. Cooper). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual Unit 140, May 1960, (HLM 10.59)].  
FS Date: 12/21/2016

LM Start	<b>10.43</b>	Rating **	U	Issue No.	<b>420 (cont)</b>
LM End	<b>10.43</b>	Issue Type +	Ma	Location *	WS

Photo 1 of 3 : UCIP\_SP\_2017\_51286\_24006.jpg



Drainage channel on LS toe.

Photo 2 of 3 : UCIP\_SP\_2017\_51286\_24005.jpg



Concrete headwall and pipe at LS toe.

* 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 : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	03/28/2017 03/28/2017	Bob Duffey

LM Start	10.43	Rating **	U	Issue No.	420 (cont)
LM End	10.43	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.607688 °	39.607688 °
				-121.994278 °	-121.994278 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:51286  
DS\_ID:22924  
EP\_NO: 9556  
Repair Type: Urgent  
Crossing Status: Found  
UCIP Comments: 12/21/2016 same as last inspection flap gate disabled in open position. Surface erosion observed on LS slope. Recommend repair on WS flap gate to be able to close flap gate. (O. Magana - DWR UCIP)05/31/2013 Flap gate dissabled in open position. Pipe rusted through at WS toe upstream of Flapgate. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal drainage pipe through levee, 15 feet below crown. Flap gate is located on the waterside (WS) end. Slide gate is inside a corrugated metal pipe (CMP) riser located on the WS slope. Two CM cutoff walls. Concrete headwall is located on LS and under outlet at the WS toe. (24-inch pipe authorized under Automatic Board Order (ABO) issued as Permit No. 9556, 1974 - E. R & M. R. Cooper). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual Unit 140, May 1960, (HLM 10.59)].  
FS Date: 12/21/2016

Photo 3 of 3 : UCIP\_SP\_2017\_51286\_24004.jpg



Pipe and flapgate at WS toe.

* 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	



**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	03/28/2017 03/28/2017	Bob Duffey

LM Start	11.02	Rating **	A/W	Issue No.	421
LM End	11.02	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.616041 °	39.616041 °
				-121.994450 °	-121.994450 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:14565  
DS\_ID:22925  
EP\_NO: 9556  
Repair Type: No Action Needed  
Crossing Status: Found  
UCIP Comments:  
FIELD\_STRUCT\_DESC: 48-inch corrugated metal drainage pipe of unknown material through levee, 11 feet below crown. Flap gate on waterside (Ws) end. Concrete headwall on both ends. Slide gate in 60-inch diameter corrugated metal pipe (CMP) riser on WS slope (48-inch authorized under Automatic Board Order (ABO) issued under Permit No. 9556, 1974 - E. R. & M. R. Cooper). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual Unit 140, May 1960, (HLM 11.17)].  
FS Date: 5/31/2013

LM Start	<b>11.02</b>	Rating **	A/W	Issue No.	<b>421 (cont)</b>
LM End	<b>11.02</b>	Issue Type +	Ma	Location *	WS

Photo 1 of 3 : UCIP\_SP\_2017\_14565\_24009.jpg



Drainage ditch on LS toe.

Photo 2 of 3 : UCIP\_SP\_2017\_14565\_24008.jpg



Slide gate in 60-inch CMP riser on WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> 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 - Spring 2017

### Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	03/28/2017 03/28/2017	Bob Duffey

LM Start	11.02	Rating **	A/W	Issue No.	421 (cont)
LM End	11.02	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.616041 °	39.616041 °
				-121.994450 °	-121.994450 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:14565 DS_ID:22925 EP_NO: 9556 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 48-inch corrugated metal drainage pipe of unknown material through levee, 11 feet below crown. Flap gate on waterside (Ws) end. Concrete headwall on both ends. Slide gate in 60-inch diameter corrugated metal pipe (CMP) riser on WS slope (48-inch authorized under Automatic Board Order (ABO) issued under Permit No. 9556, 1974 - E. R. & M. R. Cooper). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual Unit 140, May 1960, (HLM 11.17)]. FS Date: 5/31/2013					

Photo 3 of 3 : UCIP\_SP\_2017\_14565\_24007.jpg



Flap gate and concrete headwall on WS toe.

LM Start	11.10	Rating **	U	Issue No.	66
LM End	11.18	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.617252 °	39.618192 °
				-121.994605 °	-121.995609 °
DWR ID	DWR_LD0001G_01_f_2015_66				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Repair the rodent holes along the waterside slope.					

Photo 1 of 1 : SP\_2017\_LD0001G\_432\_66\_20170315\_00033.jpg



View of the rodent holes along the waterside slope.

<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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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	03/28/2017 03/28/2017	Bob Duffey

LM Start	11.51	Rating **	M	Issue No.	48
LM End	11.57	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.622083 °	39.622821 °
				-121.998858 °	-121.999244 °
DWR ID	DWR_LD0001G_01_s_2014_48				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_LD0001G\_432\_48\_20170315\_00015.jpg



View of the rodent activity along the waterside slope.

LM Start	11.64	Rating **	A/W	Issue No.	422
LM End	11.64	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.623874 °	39.623874 °
				-121.999813 °	-121.999813 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:14566 DS_ID:22926 EP_NO: 9555 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through levee, 8.5 feet below crown. Flap gate on waterside (WS) slope. U-shaped concrete headwalls on both ends. Two corrugated metal cutoff walls. (24-inch pipe authorized under Automatic Board Order (ABO) issued as Permit No. 9555, 1974 - F. S. Reager). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual Unit 140, May 1960, (HLM 11.81)]. FS Date: 5/31/2013					

Photo 1 of 3 : UCIP\_SP\_2017\_14566\_24013.jpg



Concrete headwall on LS toe.

<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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### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	03/28/2017 03/28/2017	Bob Duffey

LM Start	11.64	Rating **	A/W	Issue No.	422 (cont)
LM End	11.64	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.623874 °	39.623874 °
				-121.999813 °	-121.999813 °
DWR ID					

Comment Code

[illegible]

Inspector Comment	
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FS\_ID:14566  
DS\_ID:22926  
EP\_NO: 9555  
Repair Type: No Action Needed  
Crossing Status: Found  
UCIP Comments:  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal drainage pipe through levee, 8.5 feet below crown. Flap gate on waterside (WS) slope. U-shaped concrete headwalls on both ends. Two corrugated metal cutoff walls. (24-inch pipe authorized under Automatic Board Order (ABO) issued as Permit No. 9555, 1974 - F. S. Reager).  
[Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual Unit 140, May 1960, (HLM 11.81)].  
FS Date: 5/31/2013

LM Start	<b>11.64</b>	Rating **	A/W	Issue No.	<b>422 (cont)</b>
LM End	<b>11.64</b>	Issue Type +	Ma	Location *	WS

A small white boat with a black stripe and a blue logo, resting on a dry, grassy field. The background is a dense line of green trees. A timestamp '05/31/2013 11:42' is visible in the bottom right corner.

Slide gate in 36-inch CMP riser on WS slope.

Concrete headwall and flapgate on WS toe

* 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

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	03/28/2017 03/28/2017	Bob Duffey

LM Start	11.66	Rating **	U	Issue No.	79
LM End	11.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.624112 °	39.624112 °
				-121.999933 °	-121.999933 °
DWR ID	DWR_LD0001G_01_f _ 2016_79				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Rodent holes on the landside slope and crown.					

Photo 1 of 2 : SP\_2017\_LD0001G\_432\_79\_20170315\_00042.jpg



View of the rodent holes along the landside slope with large hammer sitting in the hole.

LM Start	11.66	Rating **	U	Issue No.	79 (cont)
LM End	11.66	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP\_2017\_LD0001G\_432\_79\_20170315\_00043.jpg



Another view of the rodent holes along the landside slope with a large hammer sitting next to the hole.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> 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 - Spring 2017

### Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	03/28/2017 03/28/2017	Bob Duffey

LM Start	11.67	Rating **	M	Issue No.	42
LM End	11.79	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.624171 °	39.625823 °
				-121.999967 °	-122.000834 °
DWR ID	DWR_LD0001G_01_s_2012_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	11.76	Rating **	M	Issue No.	423
LM End	11.76	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.625463 °	39.625463 °
				-122.000658 °	-122.000658 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:14567 DS_ID:22927 EP_NO: 9554 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Erosion and sloughing on LS slope possibly due to rodent activity in area. FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through levee, 11 feet below crown. Slide gate in 36-inch corrugated metal pipe riser on waterside (WS) slope. 48-inch concrete standpipe on landside toe. Two corrugated metal cutoff walls. (24-inch pipe authorized under Automatic Board Order (ABO) issued as Permit No. 9554, 1974 - T. H. Reed). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual Unit 140, May 1960, (HLM 11.93)]. FS Date: 5/31/2013					

Photo 1 of 3 : UCIP\_SP\_2017\_14567\_24017.jpg



Concrete standpipe on LS toe.

<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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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	03/28/2017 03/28/2017	Bob Duffey

LM Start	11.87	Rating **	M	Issue No.	424
LM End	11.87	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.626918 °	39.626918 °
				-122.001421 °	-122.001421 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:14569  
DS\_ID:22928  
EP\_NO: 9554  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: Flap gate heavily corroded. Good candidate for video inspection. Vegetation interfering with inlet.  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal drainage pipe through levee, 7 feet below crown. Flap gate on waterside (WS) end. Slide gate in 36-inch corrugated metal pipe riser on WS slope. Concrete headwalls on both ends. Two corrugated metal cutoff walls. (24-inch pipe authorized under Automatic Board Order (ABO) issued as Permit No. 9554, 1974 - T. H. Reed). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual Unit 140, May 1960, (HLM 12.04)].  
FS Date: 5/31/2013

LM Start	<b>11.87</b>	Rating **	M	Issue No.	<b>424 (cont)</b>
LM End	<b>11.87</b>	Issue Type +	Ma	Location *	LS

Photo 1 of 3 : UCIP\_SP\_2017\_14569\_24026.jpg



Slidegate in 36-inch CMP riser on WS slope.

Photo 2 of 3 : UCIP\_SP\_2017\_14569\_24025.jpg



Drainage channel on LS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> 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 - Spring 2017

### Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	03/28/2017 03/28/2017	Bob Duffey

LM Start	11.87	Rating **	M	Issue No.	424 (cont)
LM End	11.87	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.626918 °	39.626918 °
				-122.001421 °	-122.001421 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:14569 DS_ID:22928 EP_NO: 9554 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Flap gate heavily corroded. Good candidate for video inspection. Vegetation interfering with inlet. FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through levee, 7 feet below crown. Flap gate on waterside (WS) end. Slide gate in 36-inch corrugated metal pipe riser on WS slope. Concrete headwalls on both ends. Two corrugated metal cutoff walls. (24-inch pipe authorized under Automatic Board Order (ABO) issued as Permit No. 9554, 1974 - T. H. Reed). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual Unit 140, May 1960, (HLM 12.04)]. FS Date: 5/31/2013					

Photo 3 of 3 : UCIP\_SP\_2017\_14569\_24024.jpg



Headwall and flapgate on WS toe.

LM Start	11.91	Rating **	M	Issue No.	44
LM End	11.97	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.627423 °	39.628278 °
				-122.001562 °	-122.001818 °
DWR ID	DWR_LD0001G_01_s_2012_44				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Elderberries partially block visibility.					

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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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	03/28/2017 03/28/2017	Bob Duffey

LM Start	12.13	Rating **	A/W	Issue No.	425
LM End	12.13	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.630451 °	39.630451 °
				-122.002737 °	-122.002737 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:14570 DS_ID:22929 EP_NO: 9554 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through levee, 7 feet below crown. Flap gate on waterside (WS) end. Slide gate in 36-inch corrugated metal pipe (CMP) riser on WS slope. U-shaped concrete headwalls on both ends. (24-inch pipe authorized under Automatic Board Order (ABO) issued under Permit No. 9554, 1974 - T. H. Reed). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual Unit 140, May 1960, (HLM 12.29)]. FS Date: 5/31/2013					

Photo 1 of 3 : UCIP\_SP\_2017\_14570\_24029.jpg



Flapgate and U-shaped concrete headwall on WS toe.

LM Start	12.13	Rating **	A/W	Issue No.	425 (cont)
LM End	12.13	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : UCIP\_SP\_2017\_14570\_24028.jpg



Slidegate in 36-inch CMP riser on WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> 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 - Spring 2017

### Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	03/28/2017 03/28/2017	Bob Duffey

LM Start	12.13	Rating **	A/W	Issue No.	425 (cont)
LM End	12.13	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.630451 °	39.630451 °
				-122.002737 °	-122.002737 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:14570 DS_ID:22929 EP_NO: 9554 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through levee, 7 feet below crown. Flap gate on waterside (WS) end. Slide gate in 36-inch corrugated metal pipe (CMP) riser on WS slope. U-shaped concrete headwalls on both ends. (24-inch pipe authorized under Automatic Board Order (ABO) issued under Permit No. 9554, 1974 - T. H. Reed). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual Unit 140, May 1960, (HLM 12.29)]. FS Date: 5/31/2013					

Photo 3 of 3 : UCIP\_SP\_2017\_14570\_24027.jpg



U-shaped concrete headwall on LS toe.

<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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