

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	03/08/2018 03/08/2018	Keith Millard

LM Start		Rating **	A	Issue No.	25
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_ST0007_01_s_2013_25				
Comment Code					
Inspector Comment					
The Sacramento Maintenance Yard has a copy of the O&M Manual.					

No Photos

LM Start		Rating **	A	Issue No.	26
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_ST0007_01_s_2013_26				
Comment Code					
Inspector Comment					
The Sacramento Maintenance Yard has adequate emergency supplies stored.					

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  
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### Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	03/08/2018 03/08/2018	Keith Millard

LM Start		Rating **	A	Issue No.	27	
LM End		Issue Type +	Ma	Location *		
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Flood Preparedness & Training				o	
					o	
DWR ID	DWR_ST0007_01_s_2013_27					
Comment Code						
Inspector Comment						
The Sacramento Maintenance Yard trains yearly for flood fighting.						

No Photos

LM Start	0.04	Rating **	A/W	Issue No.	2
LM End	0.12	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.523119 °	38.521968 °
				-121.631356 °	-121.631519 °
DWR ID	DWR_ST0007_01_f_2016_2				
Comment Code					
Inspector Comment					
2011 - Old cobble site is unraveling, likely causing the toe of the bank to become unstable. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: PUC_0-1_L]. 10/30/17: Cobbles and waterside toe appear intact; similar to conditions extending to 0.46.					

Photo 1 of 1 : SP\_2018\_ST0007\_282\_2\_20180305\_00001.jpg



10/30/17: Cobbles and waterside toe appear intact; similar to conditions extending to 0.46.

<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 2018

### Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	03/08/2018 03/08/2018	Keith Millard

LM Start	0.58	Rating **	A/W	Issue No.	58
LM End	0.58	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.519660 °	38.519660 °
				-121.638820 °	-121.638820 °
DWR ID					

Comment Code

Inspector Comment

FS\_ID:33408  
DS\_ID:488  
EP\_NO: 10261  
Repair Type: No Action Needed  
Crossing Status: Found  
UCIP Comments:  
FIELD\_STRUCT\_DESC: 24-inch drainage pipe of unknown material through the levee, 12.5 feet below the crown. Slide gate is located on the waterside (WS) end. Concrete headwall is located on the WS. (24-inch pipe [HLM 0.58] authorized under Automatic Board Order (ABO) issued as Permit No. 10261, 1974 - Tufts) [Additional Reference(s): DWR Levee Log, 1981 and 2005. USACE Sacramento O&M Manual Unit 119, December 1952, (Station XX+XX)]  
FS Date: 4/10/2014 2:49:52 PM

LM Start	<b>0.58</b>	Rating **	A/W	Issue No.	<b>58 (cont)</b>
LM End	<b>0.58</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_SP\_2018\_33408\_60493.jpg



WS slide gate and headwall

Photo 2 of 3 : UCIP\_SP\_2018\_33408\_60495.jpg



LS pump and appurtenances

<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 2018**

**Sacramento Maintenance Yard Putah Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	03/08/2018 03/08/2018	Keith Millard

LM Start	0.58	Rating **	A/W	Issue No.	58 (cont)	
LM End	0.58	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.519660 °		38.519660 °
				-121.638820 °		-121.638820 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:33408						
DS_ID:488						
EP_NO: 10261						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 24-inch drainage pipe of unknown material through the levee, 12.5 feet below the crown. Slide gate is located on the waterside (WS) end. Concrete headwall is located on the WS. (24-inch pipe [HLM 0.58] authorized under Automatic Board Order (ABO) issued as Permit No. 10261, 1974 - Tufts) [Additional Reference(s): DWR Levee Log, 1981 and 2005. USACE Sacramento O&M Manual Unit 119, December 1952, (Station XX+XX)]						
FS Date: 4/10/2014 2:49:52 PM						

Photo 3 of 3 : UCIP\_SP\_2018\_33408\_60494.jpg



LS pump and appurtenances

<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 2018

### Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	03/08/2018 03/08/2018	Keith Millard

LM Start	2.13	Rating **	M	Issue No.	60
LM End	2.13	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.515739 °	38.515739 °
				-121.666432 °	-121.666432 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:43033  
DS\_ID:491  
EP\_NO: 10262  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: 09/21/2017 Pipe was permitted as an irrigation structure under ABO issued as Permit No. 10262. (DWR UCIP - O. Magana)  
04/03/2012 Pipe has significant rust and exfoliation of metal showing at ends. Recommend video inspection. (DWR UCIP - W. Wylie)  
FIELD\_STRUCT\_DESC: 24-inch irrigation pipe of unknown material through levee, 15.5 feet below crown. Slide gate is located on the waterside (WS) end. Concrete headwall is located on the landside (LS) end. (24-inch pipe [HLM 2.17] authorized under Automatic Board Order (ABO) issued as Permit No. 10262, 1974 - Wells Fargo Bank, Trustee for S.H. Cowell Foundation) [Additional Reference(s): DWR Levee Log, 1981 and 2005. USACE Sacramento O&M Manual Unit 119, December 1952, (Station XX+XX)]  
FS Date: 4/10/2014 2:45:00 PM

LM Start	<b>2.13</b>	Rating **	M	Issue No.	<b>60 (cont)</b>
LM End	<b>2.13</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_SP\_2018\_43033\_60465.jpg



LS headwall

Photo 2 of 3 : UCIP\_SP\_2018\_43033\_60467.jpg



LS distribution box

<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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## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	03/08/2018 03/08/2018	Keith Millard

LM Start	3.80	Rating **	A/W	Issue No.	63 (cont)	
LM End	3.80	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.519790 °	38.519790 °	
				-121.695450 °	-121.695450 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:33381						
DS_ID:496						
EP_NO: 10251						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through levee, 15 feet below the crown. Two metal cutoff walls were installed through the levee. A T-post and T-handle are located on the landside (LS) toe. The outfall structure and flap gate are located on the west side of bridge, waterside (WS). (24-inch pipe [HLM 3.87] authorized under Automatic Board Order (ABO) issued as Permit No. 10251, 1974 - F.M.C. Corp.) [Additional Reference(s): DWR Levee Log, 1981 and 2005. USACE Sacramento O&M Manual Unit 119, December 1952, (Station XX+XX)]						
FS Date: 4/10/2014 2:40:30 PM						

Photo 3 of 3 : UCIP\_SP\_2018\_33381\_60440.jpg



Outfall at creek with flap gate.

<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 2018

### Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	03/08/2018 03/08/2018	Keith Millard

LM Start	4.05	Rating **	A/W	Issue No.	64
LM End	4.05	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.518685 °	38.518685 °
				-121.699835 °	-121.699835 °
DWR ID					

Comment Code

Inspector Comment

FS\_ID:33379  
 DS\_ID:497  
 EP\_NO: 10251  
 Repair Type: No Action Needed  
 Crossing Status: Found  
 UCIP Comments:  
 FIELD\_STRUCT\_DESC: PENDING CONSTRUCTION STATUS - 20-inch irrigation welded HDPE pipe sleeved through an existing 24-inch pipe through levee, 16 feet below the crown. Annular space between pipes was filled with grout. 36-inch galvanized corrugated metal pipe (CMP) riser and hinged lid are located on the waterside (WS) slope. (20-inch HDPE installed with a 36-inch galvanized CMP riser and hinged lid, work also included the removal of existing CMP riser authorized under Permit No. 10251-1, 2014 - Harris Moran Seed Company; 24-inch pipe [HLM 4.13] authorized under Automatic Board Order (ABO) issued as Permit No. 10251, 1974 - F.M.C. Corp.; assumed original 24-inch pipe was installed in 12/12/1952 per O&M manual) [Additional Reference(s): DWR Levee Log, 1981 and 2005. USACE Sacramento O&M Manual Unit 119, December 1952, (Station XX+XX)]  
 FS Date: 4/10/2014 2:39:45 PM

Photo 1 of 1 : UCIP\_SP\_2018\_33379\_60436.jpg



Slide gate in 36-inch Standpipe on 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	

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### Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	03/08/2018 03/08/2018	Keith Millard

LM Start	4.78	Rating **	A/W	Issue No.	65
LM End	4.78	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.518034 °	38.518034 °
				-121.713129 °	-121.713129 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:33374  
DS\_ID:499  
EP\_NO: 10256  
Repair Type: No Action Needed  
Crossing Status: Found  
UCIP Comments: 09/14/2017 Permit review authorized this crossing as an irrigation pipe with pump located on WS. Structure type was changed from drainage to irrigation. Also need an additional photo to show that both WS and LS were capped with concrete, there is only one photo showing concrete used to plug the inlet or outlet. (DWR UCIP - O. Magana)  
05/06/2013 inlet and outlet are capped with concrete. See pictures (DWR Sacramento Yard - unknown)  
04/04/2012 unable to determine if end of pipe is CAP with concrete. Dirt needs to be removed from both ends to verify proper abandonment. (DWR UCIP - W. Wylie)  
FIELD\_STRUCT\_DESC: \*ABANDONED\* 24-inch corrugated metal irrigation pipe through the levee, 9.5 feet below the crown. Headwalls on both the waterside (WS) and landside (LS). Pump is located on the WS, not found 2012. (24-inch pipe [HLM 4.90] authorized under Automatic Board Order (ABO) issued as Permit No. 10256, 1974 - Albert H. Lederer). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 119, December 1952, (Station 56+25 PCT)].  
FS Date: 4/10/2014 2:38:21 PM

LM Start	<b>4.78</b>	Rating **	A/W	Issue No.	<b>65 (cont)</b>
LM End	<b>4.78</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_SP\_2018\_33374\_60426.jpg



Enter photo 5 description or comment here.

Photo 2 of 3 : UCIP\_SP\_2018\_33374\_60423.jpg



LS shoulder looking down on headwall

* 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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### Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	03/08/2018 03/08/2018	Keith Millard

LM Start	4.78	Rating **	A/W	Issue No.	65 (cont)
LM End	4.78	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.518034 °	38.518034 °
				-121.713129 °	-121.713129 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:33374  
DS\_ID:499  
EP\_NO: 10256  
Repair Type: No Action Needed  
Crossing Status: Found  
UCIP Comments: 09/14/2017 Permit review authorized this crossing as an irrigation pipe with pump located on WS. Structure type was changed from drainage to irrigation. Also need an additional photo to show that both WS and LS were capped with concrete, there is only one photo showing concrete used to plug the inlet or outlet. (DWR UCIP - O. Magana)  
05/06/2013 inlet and outlet are capped with concrete. See pictures (DWR Sacramento Yard - unknown)  
04/04/2012 unable to determine if end of pipe is CAP with concrete. Dirt needs to be removed from both ends to verify proper abandonment. (DWR UCIP - W. Wylie)  
FIELD\_STRUCT\_DESC: \*ABANDONED\* 24-inch corrugated metal irrigation pipe through the levee, 9.5 feet below the crown. Headwalls on both the waterside (WS) and landside (LS). Pump is located on the WS, not found 2012. (24-inch pipe [HLM 4.90] authorized under Automatic Board Order (ABO) issued as Permit No. 10256, 1974 - Albert H. Lederer). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 119, December 1952, (Station 56+25 PCT)].  
FS Date: 4/10/2014 2:38:21 PM

Photo 3 of 3 : UCIP\_SP\_2018\_33374\_60425.jpg



WS toe looking down from shoulder

<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**

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### Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	03/08/2018 03/08/2018	Keith Millard

LM Start	5.28	Rating **	A/W	Issue No.	66
LM End	5.28	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.518022 °	38.518022 °
				-121.722521 °	-121.722521 °
DWR ID					

Comment Code

Inspector Comment

FS\_ID:33371  
DS\_ID:500  
EP\_NO: 10256  
Repair Type: No Action Needed  
Crossing Status: Found  
UCIP Comments: Debris removed. See picture  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal drainage pipe through the levee, 15 feet below the crown. Slide gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. (24-inch pipe [HLM 5.39] authorized under Automatic Board Order (ABO) issued as Permit No. 10256, 1974 - Albert H. Lederer). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 119, December 1952, (Station 83+70 PCT)].  
FS Date: 4/10/2014 2:37:39 PM

LM Start	<b>5.28</b>	Rating **	A/W	Issue No.	<b>66 (cont)</b>
LM End	<b>5.28</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_SP\_2018\_33371\_60418.jpg



Enter photo 3 description or comment here.

Photo 2 of 3 : UCIP\_SP\_2018\_33371\_60416.jpg



WS slide gate

<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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Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	03/08/2018 03/08/2018	Keith Millard

LM Start	5.28	Rating **	A/W	Issue No.	66 (cont)	
LM End	5.28	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.518022 °	38.518022 °	
				-121.722521 °	-121.722521 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:33371						
DS_ID:500						
EP_NO: 10256						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments: Debris removed. See picture						
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe						
through the levee, 15 feet below the crown. Slide gate on the waterside						
(WS) end. Concrete headwall on the landside (LS) end. (24-inch pipe						
[HLM 5.39] authorized under Automatic Board Order (ABO) issued as						
Permit No. 10256, 1974 - Albert H. Lederer). [Additional Reference(s):						
DWR Levee Log, 2005. USACE Sacramento O&M Manual 119,						
December 1952, (Station 83+70 PCT)].						
FS Date: 4/10/2014 2:37:39 PM						

Photo 3 of 3 : UCIP\_SP\_2018\_33371\_60417.jpg



LS headwall showing debris

LM Start	5.30	Rating **	A/W	Issue No.	67
LM End	5.30	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.518032 °	38.518032 °
				-121.722778 °	-121.722778 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33370 DS_ID:501 EP_NO: 10256 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 12.5 feet below the crown. Slide gate on the waterside (WS) end in 36-inch standpipe. Concrete headwall on the landside (LS) end. (24-inch pipe [HLM 5.40] authorized under Automatic Board Order (ABO) issued as Permit No. 10256, 1974 - Albert H. Lederer). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 119, December 1952, (Station 84+40 PCT)]. FS Date: 4/10/2014 2:36:12 PM					

Photo 1 of 2 : UCIP\_SP\_2018\_33370\_60415.jpg



LS pump and stand pipe

<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 Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	03/08/2018 03/08/2018	Keith Millard

LM Start	5.74	Rating **	A/W	Issue No.	70 (cont)	
LM End	5.74	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.518368 °	38.518368 °	
				-121.730947 °	-121.730947 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:33364 DS_ID:503 EP_NO: 10252 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: owner of pipe needs to clean out obstruction in pipe. FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Slide gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. (24-inch pipe [HLM 5.86] authorized under Automatic Board Order (ABO) issued as Permit No. 10252, 1974 - John F. Hamel). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 119, December 1952, (Station 108+00 PCT)]. FS Date: 4/10/2014 2:34:15 PM						

Photo 2 of 2 : UCIP\_SP\_2018\_33364\_60400.jpg



WS headwall and slidegate

LM Start	6.33	Rating **	M	Issue No.	36
LM End	6.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.518278 °	38.518217 °
				-121.741786 °	-121.743914 °
DWR ID	DWR_ST0007_01_s_2018_36				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove tall weeds from LS toe to allow inspection and access.					

Photo 1 of 1 : SP\_2018\_ST0007\_282\_36\_20180312\_00109.jpg



Large weeds at levee toe are dead, but should be removed to allow inspection and access.

<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 2018

### Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	03/08/2018 03/08/2018	Keith Millard

LM Start	6.45	Rating **	A/W	Issue No.	71
LM End	6.45	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.518208 °	38.518208 °
				-121.743990 °	-121.743990 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:33349  
DS\_ID:505  
EP\_NO: 10253  
Repair Type: No Action Needed  
Crossing Status: Found  
UCIP Comments:  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal drainage pipe through the levee, 10.4 feet below the crown. Slide gate on the waterside (WS), and concrete headwalls on both the WS and the landside (LS). (24-inch pipe [HLM 6.57] authorized under Automatic Board Order (ABO) issued as Permit No. 10253, 1974 - Lester J. Hamel). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 119, December 1952, (HLM 6.58) (Station 145+50 PCT)].  
FS Date: 4/10/2014 2:29:37 PM

LM Start	<b>6.45</b>	Rating **	A/W	Issue No.	<b>71 (cont)</b>
LM End	<b>6.45</b>	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP\_SP\_2018\_33349\_60372.jpg



WS Slide Gate

Photo 2 of 2 : UCIP\_SP\_2018\_33349\_60371.jpg



LS Headwall

<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 2018

### Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	03/08/2018 03/08/2018	Keith Millard

LM Start	6.88	Rating **	M	Issue No.	1
LM End	6.93	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.517362 °	38.517355 °
				-121.751778 °	-121.752824 °
DWR ID	DWR_ST0007_01_f_2016_1				
Comment Code					
Inspector Comment					
2011 - The toe to mid-bank is slumping. Large tree pop-outs have furthered the erosion. Slope is slightly steeper than 1:1. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: PUC_7-2_L]					

No Photos

LM Start	6.89	Rating **	M	Issue No.	56
LM End	6.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.517513 °	38.517513 °
				-121.752023 °	-121.752023 °
DWR ID	DWR_ST0007_01_f_2017_56				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP\_2018\_ST0007\_282\_56\_20180305\_00009.jpg



Trees and bushes on landside block visibility and access. Includes elderberries.

<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 2018

### Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	03/08/2018 03/08/2018	Keith Millard

LM Start	6.91	Rating **	C	Issue No.	57
LM End	6.91	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.517578 °	38.517578 °
				-121.752453 °	-121.752453 °
DWR ID	DWR_ST0007_01_f_2017_57				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Tree limb hanging over crown has been removed.					

No Photos

LM Start	6.95	Rating **	A/W	Issue No.	73	
LM End	6.95	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.517679 °	38.517679 °	
				-121.753146 °	-121.753146 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:33343 DS_ID:508 EP_NO: 10247 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch drainage pipe of an unknown material through the levee, 11 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete Apron on the WS. (24-inch pipe [HLM 7.09] authorized under Automatic Board Order (ABO) issued as Permit No. 10247, 1974 - University of California, Office of the Regents). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 119, December 1952, (Station 172+00 PCT)]. FS Date: 4/10/2014 2:27:50 PM						

Photo 1 of 3 : UCIP\_SP\_2018\_33343\_60357.jpg



WS flap gate

<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 2018

### Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	03/08/2018 03/08/2018	Keith Millard

LM Start	6.95	Rating **	A/W	Issue No.	73 (cont)
LM End	6.95	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.517679 °	38.517679 °
				-121.753146 °	-121.753146 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:33343  
DS\_ID:508  
EP\_NO: 10247  
Repair Type: No Action Needed  
Crossing Status: Found  
UCIP Comments:  
FIELD\_STRUCT\_DESC: 24-inch drainage pipe of an unknown material through the levee, 11 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete Apron on the WS. (24-inch pipe [HLM 7.09] authorized under Automatic Board Order (ABO) issued as Permit No. 10247, 1974 - University of California, Office of the Regents). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 119, December 1952, (Station 172+00 PCT)].  
FS Date: 4/10/2014 2:27:50 PM

LM Start	<b>6.95</b>	Rating **	A/W	Issue No.	<b>73 (cont)</b>
LM End	<b>6.95</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_SP\_2018\_33343\_60359.jpg



LS headwall

Photo 3 of 3 : UCIP\_SP\_2018\_33343\_60358.jpg



LS headwall

<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 2018

### Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	03/08/2018 03/08/2018	Keith Millard

LM Start	7.18	Rating **	A/W	Issue No.	74
LM End	7.18	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.518181 °	38.518181 °
				-121.757309 °	-121.757309 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:42952  
DS\_ID:512  
EP\_NO: 10247  
Repair Type: No Action Needed  
Crossing Status: Found  
UCIP Comments: Debris removed from outlet  
FIELD\_STRUCT\_DESC: 24-inch drainage pipe of an unknown material through the levee, 12 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. (24-inch [HLM 7.36] authorized under Automatic Board Order (ABO) issued as Permit No. 10247, 1974 - University of California, Office of the Regents).  
[Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 119, December 1952, (Station 183+97 PCT)].  
FS Date: 4/10/2014 2:27:00 PM

LM Start	<b>7.18</b>	Rating **	A/W	Issue No.	<b>74 (cont)</b>
LM End	<b>7.18</b>	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP\_SP\_2018\_42952\_60353.jpg



LS Headwall

Photo 2 of 2 : UCIP\_SP\_2018\_42952\_60352.jpg



WS Flapgate

<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 2018

### Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	03/08/2018 03/08/2018	Keith Millard

LM Start	7.35	Rating **	M	Issue No.	77
LM End	7.35	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.518510 °	38.518510 °
				-121.760474 °	-121.760474 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:41353  
DS\_ID:516  
EP\_NO: 10260  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: Pipe is partially obstructed with sedimentation.  
Owner of pipe may have to clean sediment  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Flap gate on the waterside (WS) end. (24-inch pipe [HLM 7.52] authorized under Automatic Board Order (ABO) issued as Permit No. 10260, 1974 - Southern Pacific Transportation Company). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 119, December 1952, (Station 193+20 PCT)].  
FS Date: 4/10/2014 2:25:00 PM

LM Start	<b>7.35</b>	Rating **	M	Issue No.	<b>77 (cont)</b>
LM End	<b>7.35</b>	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP\_SP\_2018\_41353\_60345.jpg



WS Flap Gate and headwall.

Photo 2 of 2 : UCIP\_SP\_2018\_41353\_60344.jpg



LS headwall showing pipe partially blocked with soil.

<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 2018

### Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	03/08/2018 03/08/2018	Keith Millard

LM Start	7.56	Rating **	A/W	Issue No.	78
LM End	7.56	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.519002 °	38.519002 °
				-121.764315 °	-121.764315 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:33333  
DS\_ID:518  
EP\_NO: 10247  
Repair Type: No Action Needed  
Crossing Status: Found  
UCIP Comments: Fence blocking inlet. Owner of fence needs to move fence away from inlet.  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Slide gate on the waterside (WS) slope, and headwalls on both sides. (24-inch pipe [HLM 7.75] authorized under Automatic Board Order (ABO) issued as Permit No. 10247, 1974 - University of California, Office of the Regents).  
[Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 119, December 1952, (Station 204+00 PCT)].  
FS Date: 4/10/2014 2:24:52 PM

LM Start	<b>7.56</b>	Rating **	A/W	Issue No.	<b>78 (cont)</b>
LM End	<b>7.56</b>	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP\_SP\_2018\_33333\_60342.jpg



WS headwall and slide gate

Photo 2 of 2 : UCIP\_SP\_2018\_33333\_60341.jpg



LS headwall showing fence and soil buildup.

<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 2018

### Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	03/08/2018 03/08/2018	Keith Millard

LM Start	8.28	Rating **	A/W	Issue No.	80
LM End	8.28	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.521246 °	38.521246 °
				-121.776434 °	-121.776434 °
DWR ID					

Comment Code

Inspector Comment

FS\_ID:33328  
DS\_ID:520  
EP\_NO: 10247  
Repair Type: No Action Needed  
Crossing Status: Found  
UCIP Comments: Cleaned inlet and outlets. Owner of pipe may need to clean pipe  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal drainage pipe through the levee, 8 feet below the crown. Slide gate on the waterside (WS) end. (24-inch pipe [HLM 8.45] authorized under Automatic Board Order (ABO) issued as Permit No. 10247, 1974 - University of California, Office of the Regents). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 119, December 1952, (Station 241+50 PCT)].  
FS Date: 4/10/2014 2:23:46 PM

LM Start	<b>8.28</b>	Rating **	A/W	Issue No.	<b>80 (cont)</b>
LM End	<b>8.28</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_SP\_2018\_33328\_60329.jpg



Enter photo 3 description or comment here.

Photo 2 of 3 : UCIP\_SP\_2018\_33328\_60327.jpg



LS headwall showing pipe plugged with soil

<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 2018

### Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	03/08/2018 03/08/2018	Keith Millard

LM Start	8.28	Rating **	A/W	Issue No.	80 (cont)
LM End	8.28	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.521246 °	38.521246 °
				-121.776434 °	-121.776434 °
DWR ID					

Comment Code

Inspector Comment

FS\_ID:33328  
DS\_ID:520  
EP\_NO: 10247  
Repair Type: No Action Needed  
Crossing Status: Found  
UCIP Comments: Cleaned inlet and outlets. Owner of pipe may need to clean pipe  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal drainage pipe through the levee, 8 feet below the crown. Slide gate on the waterside (WS) end. (24-inch pipe [HLM 8.45] authorized under Automatic Board Order (ABO) issued as Permit No. 10247, 1974 - University of California, Office of the Regents). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 119, December 1952, (Station 241+50 PCT)].  
FS Date: 4/10/2014 2:23:46 PM

Photo 3 of 3 : UCIP\_SP\_2018\_33328\_60328.jpg



WS slide gate showing some blockage with soil.

<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 2018

### Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	03/08/2018 03/08/2018	Keith Millard

LM Start	8.51	Rating **	M	Issue No.	38
LM End	8.51	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.523175 °	38.523175 °
				-121.780118 °	-121.780118 °
DWR ID	DWR_ST0007_01_s_2017_38				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
The wild growth of Elderberries are blocking the view of the levee section.					

No Photos

LM Start	8.69	Rating **	M	Issue No.	82
LM End	8.69	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.523999 °	38.523999 °
				-121.783037 °	-121.783037 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41129 DS_ID:523 EP_NO: 10247 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: *ABANDONED* FIELD_STRUCT_DESC: *ABANDONED* 48-inch drainage pipe of an unknown material through the levee, 15 feet below the crown. Steel plate installed over inlet off the landside (LS) toe. Pipe not grouted. Flap gate on waterside (WS) end. Headwalls on both ends. (48-inch pipe [HLM 8.88] authorized under Automatic Board Order (ABO) issued as Permit No. 10247, 1974 - University of California, Office of the Regents). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 119, December 1952, (Station 262+30 PCT)]. FS Date: 4/10/2014 2:21:00 PM					

Photo 1 of 3 : UCIP\_SP\_2018\_41129\_60301.jpg



Steel plate installed over pipe off 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 2018

### Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	03/08/2018 03/08/2018	Keith Millard

LM Start	8.69	Rating **	M	Issue No.	82 (cont)
LM End	8.69	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.523999 °	38.523999 °
				-121.783037 °	-121.783037 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:41129  
DS\_ID:523  
EP\_NO: 10247  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: \*ABANDONED\*  
FIELD\_STRUCT\_DESC: \*ABANDONED\* 48-inch drainage pipe of an unknown material through the levee, 15 feet below the crown. Steel plate installed over inlet off the landside (LS) toe. Pipe not grouted. Flap gate on waterside (WS) end. Headwalls on both ends. (48-inch pipe [HLM 8.88] authorized under Automatic Board Order (ABO) issued as Permit No. 10247, 1974 - University of California, Office of the Regents). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 119, December 1952, (Station 262+30 PCT)].  
FS Date: 4/10/2014 2:21:00 PM

LM Start	<b>8.69</b>	Rating **	M	Issue No.	<b>82 (cont)</b>
LM End	<b>8.69</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_SP\_2018\_41129\_60299.jpg



LS headwall and pipe before steel plate was installed over pipe to abandon it.

Photo 3 of 3 : UCIP\_SP\_2018\_41129\_60300.jpg



WS flap gate

<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 2018

### Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	03/08/2018 03/08/2018	Keith Millard

LM Start	0.18	Rating **	A/W	Issue No.	49
LM End	0.18	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.507320 °	38.507320 °
				-121.662799 °	-121.662799 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:33410  
DS\_ID:16631  
EP\_NO: 10275  
Repair Type: No Action Needed  
Crossing Status: Found  
UCIP Comments: 09/21/2017 Pipe was permitted as an irrigation structure under ABO issued as Permit No. 10275. (DWR UCIP - O. Magana)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal irrigation pipe through the levee, 11 feet below the crown. Slide gate on waterside (WS) end. (24-inch pipe [HLM 0.20] authorized under Automatic Board Order (ABO) issued as Permit No. 10275, 1974 - Mary Pereira).  
[Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 119, December 1952, (Station 12+65)].  
FS Date: 4/10/2014 2:50:16 PM

LM Start	<b>0.18</b>	Rating **	A/W	Issue No.	<b>49 (cont)</b>
LM End	<b>0.18</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_SP\_2018\_33410\_60496.jpg



L/S headwall and pipe

Photo 2 of 3 : UCIP\_SP\_2018\_33410\_60498.jpg



L/S headwall at pipe

<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 2018

### Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	03/08/2018 03/08/2018	Keith Millard

LM Start	0.18	Rating **	A/W	Issue No.	49 (cont)	
LM End	0.18	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.507320 °		38.507320 °
				-121.662799 °		-121.662799 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:33410 DS_ID:16631 EP_NO: 10275 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: 09/21/2017 Pipe was permitted as an irrigation structure under ABO issued as Permit No. 10275. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 24-inch corrugated metal irrigation pipe through the levee, 11 feet below the crown. Slide gate on waterside (WS) end. (24-inch pipe [HLM 0.20] authorized under Automatic Board Order (ABO) issued as Permit No. 10275, 1974 - Mary Pereira). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 119, December 1952, (Station 12+65)]. FS Date: 4/10/2014 2:50:16 PM						

Photo 3 of 3 : UCIP\_SP\_2018\_33410\_60497.jpg



W/S slide gate

LM Start	0.82	Rating **	A/W	Issue No.	50
LM End	0.82	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.510700 °	38.510700 °
				-121.672410 °	-121.672410 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33407 DS_ID:16621 EP_NO: 10270 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 14 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. (36-inch pipe [HLM 0.85] authorized under Automatic Board Order (ABO) issued as Permit No. 10270, 1974 - Hamel). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 119, December 1952, (Station T 1+45)]. FS Date: 4/10/2014 2:49:39 PM					

Photo 1 of 3 : UCIP\_SP\_2018\_33407\_60489.jpg



L/S inlet

<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 2018

### Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	03/08/2018 03/08/2018	Keith Millard

LM Start	0.82	Rating **	A/W	Issue No.	50 (cont)	
LM End	0.82	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.510700 °	38.510700 °	
				-121.672410 °	-121.672410 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:33407 DS_ID:16621 EP_NO: 10270 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 14 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. (36-inch pipe [HLM 0.85] authorized under Automatic Board Order (ABO) issued as Permit No. 10270, 1974 - Hamel). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 119, December 1952, (Station T 1+45)]. FS Date: 4/10/2014 2:49:39 PM						

Photo 2 of 3 : UCIP\_SP\_2018\_33407\_60492.jpg



L/S headwall

LM Start	<b>0.82</b>	Rating **	A/W	Issue No.	<b>50 (cont)</b>
LM End	<b>0.82</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_SP\_2018\_33407\_60491.jpg



W/S Channel

<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 2018

### Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	03/08/2018 03/08/2018	Keith Millard

LM Start	1.59	Rating **	A/W	Issue No.	51 (cont)	
LM End	1.59	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.514220 °	38.514220 °	
				-121.685880 °	-121.685880 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:33401						
DS_ID:16622						
EP_NO: 10270						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments: 09/21/2017 Pipe was permitted as an irrigation structure under ABO issued as Permit No. 10270. (DWR UCIP - O. Magana)						
FIELD_STRUCT_DESC: 24-inch corrugated metal irrigation pipe through the levee, 16 feet below the crown. Slide gate on the waterside (WS) slope. Concrete headwalls on both ends. (24-inch pipe [HLM 1.64] authorized under Automatic Board Order (ABO) issued as Permit No. 10270, 1974 - Hamel). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 119, December 1952, (Station P 233+00)].						
FS Date: 4/10/2014 2:48:13 PM						

Photo 3 of 3 : UCIP\_SP\_2018\_33401\_60477.jpg



WS slide gate

LM Start	2.00	Rating **	A/W	Issue No.	9
LM End	2.09	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.515356 °	38.515456 °
				-121.693168 °	-121.694817 °
DWR ID	DWR_ST0007_02_s_2013_9				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
No indications of recent rodent activity. Bait stations remain. Area should be monitored.					

Photo 1 of 1 : SP\_2018\_ST0007\_283\_9\_20180312\_00094.jpg



Rodent bait station at LM 2.09.

<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 2018

### Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	03/08/2018 03/08/2018	Keith Millard

LM Start	2.65	Rating **	A/W	Issue No.	54
LM End	2.65	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.514865 °	38.514865 °
				-121.703839 °	-121.703839 °
DWR ID					

Comment Code

Inspector Comment

FS\_ID:33395  
DS\_ID:16625  
EP\_NO: 10277  
Repair Type: No Action Needed  
Crossing Status: Found  
UCIP Comments:  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal drainage pipe through the levee, 9 feet below the crown. Slide gate on the waterside (WS) slope. Concrete headwalls on both ends. (24-inch pipe [HLM 2.71] authorized under Automatic Board Order (ABO) issued as Permit No. 10277, 1974 - Naomi Schoeningh). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 119, December 1952, (Station 30+15 PCT)].  
FS Date: 4/10/2014 2:43:57 PM

LM Start	<b>2.65</b>	Rating **	A/W	Issue No.	<b>54 (cont)</b>
LM End	<b>2.65</b>	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP\_SP\_2018\_33395\_60460.jpg



LS headwall

Photo 2 of 2 : UCIP\_SP\_2018\_33395\_60459.jpg



WS headwall and slidegate

<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 2018

### Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	03/08/2018 03/08/2018	Keith Millard

LM Start	3.04	Rating **	A/W	Issue No.	55
LM End	3.04	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.515080 °	38.515080 °
				-121.711050 °	-121.711050 °
DWR ID					

Comment Code

Inspector Comment

FS\_ID:33393  
DS\_ID:16626  
EP\_NO: 10277  
Repair Type: No Action Needed  
Crossing Status: Found  
UCIP Comments:  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal drainage pipe through the levee, 9 feet below the crown. Slide gate on the waterside (WS) slope, and headwalls on both sides. (24-inch pipe [HLM 3.11] authorized under Automatic Board Order (ABO) issued as Permit No. 10277, 1974 - Naomi Schoeningh). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 119, December 1952, (Station 50+72 PCT)].  
FS Date: 4/10/2014 2:43:31 PM

LM Start	<b>3.04</b>	Rating **	A/W	Issue No.	<b>55 (cont)</b>
LM End	<b>3.04</b>	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP\_SP\_2018\_33393\_60456.jpg



WS headwall and slide gate

Photo 2 of 2 : UCIP\_SP\_2018\_33393\_60455.jpg



LS headwall and pipe

<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 2018

### Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	03/08/2018 03/08/2018	Keith Millard

LM Start	3.93	Rating **	A/W	Issue No.	57
LM End	3.93	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.515620 °	38.515620 °
				-121.727540 °	-121.727540 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:33380  
 DS\_ID:16628  
 EP\_NO: 10269  
 Repair Type: No Action Needed  
 Crossing Status: Found  
 UCIP Comments: 09/21/2017 Pipe was permitted as an irrigation structure under ABO issued as Permit No. 10269. (DWR UCIP - O. Magana)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal irrigation pipe through the levee, 12 feet below the crown. Slide gate on the waterside (WS) end. Concrete headwalls on both ends. (24-inch pipe [HLM 4.02] authorized under Automatic Board Order (ABO) issued as Permit No. 10269, 1974 - Joseph Fahn). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 119, December 1952, (Station 98+00 PCT)].  
 FS Date: 4/10/2014 2:40:00 PM

LM Start	<b>3.93</b>	Rating **	A/W	Issue No.	<b>57 (cont)</b>
LM End	<b>3.93</b>	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP\_SP\_2018\_33380\_60438.jpg



WS headwall and slide gate

Photo 2 of 2 : UCIP\_SP\_2018\_33380\_60437.jpg



LS headwall

<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 2018

### Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	03/08/2018 03/08/2018	Keith Millard

LM Start	4.17	Rating **	A/W	Issue No.	58
LM End	4.17	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.515770 °	38.515770 °
				-121.731840 °	-121.731840 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33378 DS_ID:16629 EP_NO: 10269 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 12.5 feet below the crown. Slide gate on the waterside (WS) end. Concrete headwalls on both ends. (24-inch pipe [HLM 4.26] authorized under Automatic Board Order (ABO) issued as Permit No. 10269, 1974 - Joseph Fahn). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 119, December 1952, (Station 109+75 PCT)]. FS Date: 4/10/2014 2:39:31 PM					

Photo 1 of 2 : UCIP\_SP\_2018\_33378\_60435.jpg



LS headwall

LM Start	<b>4.17</b>	Rating **	A/W	Issue No.	<b>58 (cont)</b>
LM End	<b>4.17</b>	Issue Type +	Ma	Location *	

Photo 2 of 2 : UCIP\_SP\_2018\_33378\_60434.jpg



WS slide gate and headwall

<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 2018

### Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	03/08/2018 03/08/2018	Keith Millard

LM Start	4.66	Rating **	A/W	Issue No.	60
LM End	4.66	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.515814 °	38.515814 °
				-121.741030 °	-121.741030 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33375 DS_ID:16644 EP_NO: 10271 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 9.5 feet below the crown. Flap gate on the waterside (WS). 36-inch standpipe on the landside (LS). (24-inch pipe [HLM 4.77] authorized under Automatic Board Order (ABO) issued as Permit No. 10271, 1974 - Ray H. Hamel). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 119, December 1952, (Station 136+40 PCT)]. FS Date: 4/10/2014 2:38:34 PM					

Photo 1 of 3 : UCIP\_SP\_2018\_33375\_60427.jpg



LS 36-inch standpipe

LM Start	<b>4.66</b>	Rating **	A/W	Issue No.	<b>60 (cont)</b>
LM End	<b>4.66</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_SP\_2018\_33375\_60429.jpg



WS headwall and flapgate.

<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 2018

### Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	03/08/2018 03/08/2018	Keith Millard

LM Start	4.66	Rating **	A/W	Issue No.	60 (cont)	
LM End	4.66	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.515814 °	38.515814 °	
				-121.741030 °	-121.741030 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:33375 DS_ID:16644 EP_NO: 10271 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 9.5 feet below the crown. Flap gate on the waterside (WS). 36-inch standpipe on the landside (LS). (24-inch pipe [HLM 4.77] authorized under Automatic Board Order (ABO) issued as Permit No. 10271, 1974 - Ray H. Hamel). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 119, December 1952, (Station 136+40 PCT)]. FS Date: 4/10/2014 2:38:34 PM						

Photo 3 of 3 : UCIP\_SP\_2018\_33375\_60428.jpg



LS looking down standpipe at CC pipe

LM Start	5.30	Rating **	A/W	Issue No.	13
LM End	5.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.515377 °	38.515418 °
				-121.752795 °	-121.756028 °
DWR ID	DWR_ST0007_02_f_2012_13				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
No indications of rodent activity or bait stations observed.					

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 2018

### Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	03/08/2018 03/08/2018	Keith Millard

LM Start	5.44	Rating **	A/W	Issue No.	62
LM End	5.44	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.515369 °	38.515369 °
				-121.755247 °	-121.755247 °
DWR ID					

Comment Code

Inspector Comment

FS\_ID:33369  
DS\_ID:16620  
EP\_NO: 10267  
Repair Type: No Action Needed  
Crossing Status: Found  
UCIP Comments: Gate has been oiled and debris removed from outlet on land side  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal drainage pipe through the levee, 13 feet below the crown. Slide gate on the waterside (WS) slope. Concrete headwalls on both ends. (24-inch pipe [HLM 5.56] authorized under Automatic Board Order (ABO) issued as Permit No. 10267, 1974 - Davis Laboratories, Inc.). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 119, December 1952, (Station 177+80 PCT)].  
FS Date: 4/10/2014 2:35:57 PM

LM Start	<b>5.44</b>	Rating **	A/W	Issue No.	<b>62 (cont)</b>
LM End	<b>5.44</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_SP\_2018\_33369\_60411.jpg



W/S

Photo 2 of 3 : UCIP\_SP\_2018\_33369\_60413.jpg



L/S Clogged

<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 2018

### Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	03/08/2018 03/08/2018	Keith Millard

LM Start	5.44	Rating **	A/W	Issue No.	62 (cont)	
LM End	5.44	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.515369 °		38.515369 °
				-121.755247 °		-121.755247 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:33369 DS_ID:16620 EP_NO: 10267 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: Gate has been oiled and debris removed from outlet on land side FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 13 feet below the crown. Slide gate on the waterside (WS) slope. Concrete headwalls on both ends. (24-inch pipe [HLM 5.56] authorized under Automatic Board Order (ABO) issued as Permit No. 10267, 1974 - Davis Laboratories, Inc.). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 119, December 1952, (Station 177+80 PCT)]. FS Date: 4/10/2014 2:35:57 PM						

Photo 3 of 3 : UCIP\_SP\_2018\_33369\_60412.jpg



W/S positive closure device

<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 2018

### Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	03/08/2018 03/08/2018	Keith Millard

LM Start	<b>5.74</b>	Rating **	A/W	Issue No.	<b>63</b>
LM End	<b>5.74</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.516000 °	38.516000 °	
			-121.760500 °	-121.760500 °	
DWR ID					

Comment Code

Inspector Comment

FS\_ID:33363  
DS\_ID:16636  
EP\_NO: 10279  
Repair Type: No Action Needed  
Crossing Status: Found  
UCIP Comments: Pipe was cleaned by the owner and 6 in pipe is still being used  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal drainage pipe through the levee, 14 feet below the crown. Slide gate on the waterside (WS) end. Concrete headwall on landside (LS) end. (name change for existing 24-inch drainpipe and slide gate on WS [HLM 5.89] issued under Permit No. 10279-1, 2012 - Elizabeth Dankworth and Michelle Christison; 24-inch pipe [HLM 5.89] authorized under Automatic Board Order (ABO) issued as Permit No. 10279, 1974 - Carmelita Watkins). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 119, December 1952, (Station 193+00 PCT)].  
FS Date: 4/10/2014 2:34:02 PM

LM Start	<b>5.74</b>	Rating **	A/W	Issue No.	<b>63 (cont)</b>
LM End	<b>5.74</b>	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP\_SP\_2018\_33363\_60399.jpg



WS slide gate and headwall. 6-inch irrigation pipe just inside 24-inch pipe.

Photo 2 of 2 : UCIP\_SP\_2018\_33363\_60398.jpg



LS headwall showing sedimentation and 6-inch pipe sleeved through 24-inch 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 2018

### Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	03/08/2018 03/08/2018	Keith Millard

LM Start	<b>5.84</b>	Rating **	A/W	Issue No.	<b>67</b>
LM End	<b>5.84</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.516290 °	38.516290 °	
			-121.762280 °	-121.762280 °	
DWR ID					

Comment Code

Inspector Comment

FS\_ID:42953  
DS\_ID:16639  
EP\_NO: 10278  
Repair Type: No Action Needed  
Crossing Status: Found  
UCIP Comments: All material was removed  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal drainage pipe through the levee, 15 feet below the crown. Flap gate on waterside (WS) end. Headwall on the landside (LS). (24-inch pipe [HLM 5.99] authorized under Automatic Board Order (ABO) issued as Permit No. 10278, 1974 - Southern Pacific Transportation Company). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 119, December 1952, (Station 208+00 PCT)].  
FS Date: 4/10/2014 2:32:00 PM

LM Start	<b>5.84</b>	Rating **	A/W	Issue No.	<b>67 (cont)</b>
LM End	<b>5.84</b>	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP\_SP\_2018\_42953\_60397.jpg



WS Flapgate blocked by sedimentation

Photo 2 of 2 : UCIP\_SP\_2018\_42953\_60396.jpg



LS headwall

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

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	03/08/2018 03/08/2018	Keith Millard

LM Start	6.02	Rating **	A/W	Issue No.	68
LM End	6.02	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.516658 °	38.516658 °
				-121.765572 °	-121.765572 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:33353  
DS\_ID:16641  
EP\_NO: 10265  
Repair Type: No Action Needed  
Crossing Status: Found  
UCIP Comments: Pipe has some sedimentation buildup internally.  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal drainage pipe through the levee, 11 feet below the crown. Slide gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. (24-inch pipe [HLM 6.19] authorized under Automatic Board Order (ABO) issued as Permit No. 10265, 1974 - State of California, Division of Highways. Also included in Automatic Board Order (ABO) issued as Permit No. 11296, 1974 - Capitol National Bank of Sacramento and Crocker Citizens National Bank). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 119, December 1952, (Station 237+50 PCT)].  
FS Date: 4/10/2014 2:30:16 PM

LM Start	<b>6.02</b>	Rating **	A/W	Issue No.	<b>68 (cont)</b>
LM End	<b>6.02</b>	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP\_SP\_2018\_33353\_60380.jpg



LS headwall and pipe showing sediment buildup.

Photo 2 of 2 : UCIP\_SP\_2018\_33353\_60379.jpg



WS slide gate

<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 2018

### Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	03/08/2018 03/08/2018	Keith Millard

LM Start	6.34	Rating **	M	Issue No.	69
LM End	6.34	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.517199°	38.517199°
				-121.771262°	-121.771262°
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:42959  
 DS\_ID:16642  
 EP\_NO: 10265  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: Debris buildup at WS outlet  
 FIELD\_STRUCT\_DESC: 30-inch drainage pipe of an unknown material through the levee, 17 feet below the crown. Headwall and slide gate on the landside (LS) end. Flap gate on the waterside (WS) end, 120 feet to the north of the crossing. (36-inch pipe [HLM 6.50] authorized under Automatic Board Order (ABO) issued as Permit No. 10265, 1974 - State of California, Division of Highways. Also included in Automatic Board Order (ABO) issued as Permit No. 11296, 1974 - Capitol National Bank of Sacramento and Crocker Citizens National Bank). [Additional Reference(s): DWR Levee Log, 2005, 36-inch pipe listed. USACE Sacramento O&M Manual 119, December 1952, (Station 208+00 ""PCT""), listed as a 24-inch pipe].  
 FS Date: 4/10/2014 2:29:00 PM

LM Start	<b>6.34</b>	Rating **	M	Issue No.	<b>69 (cont)</b>
LM End	<b>6.34</b>	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP\_SP\_2018\_42959\_60374.jpg



LS slide gate

Photo 2 of 2 : UCIP\_SP\_2018\_42959\_60373.jpg



WS flap gate

<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 2018

### Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	03/08/2018 03/08/2018	Keith Millard

LM Start	6.65	Rating **	M	Issue No.	71
LM End	6.65	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.519470 °	38.519470 °
				-121.776150 °	-121.776150 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:33346  
DS\_ID:16633  
EP\_NO: 10276  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: Pipe heavily clogged with soil. Will contact owner of pipe and ask to clean for inspection.  
FIELD\_STRUCT\_DESC: 24-inch drainage pipe of an unknown material through the levee, 6 feet below the crown. Slide gate on the waterside (WS) end, and headwalls on both ends. (24-inch pipe [HLM 6.83] authorized under Automatic Board Order (ABO) issued as Permit No. 10276, 1974 - Patricia Schlabes). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 119, December 1952, (Station 237+50 ""PCT"")].  
FS Date: 4/10/2014 2:28:29 PM

LM Start	<b>6.65</b>	Rating **	M	Issue No.	<b>71 (cont)</b>
LM End	<b>6.65</b>	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP\_SP\_2018\_33346\_60364.jpg



WS slide gate showing soil plug

Photo 2 of 2 : UCIP\_SP\_2018\_33346\_60363.jpg



LS headwall showing soil plug

<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 2018

### Sacramento Maintenance Yard Putah Creek

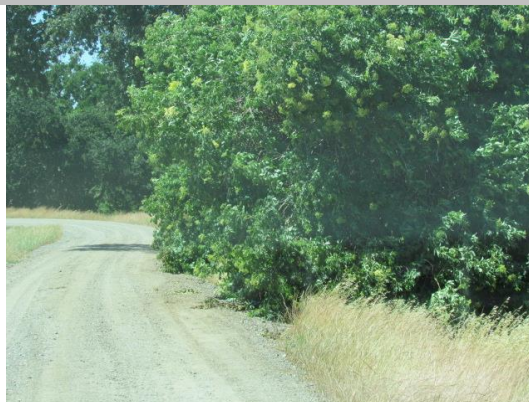
Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	03/08/2018 03/08/2018	Keith Millard

LM Start	6.88	Rating **	U	Issue No.	46
LM End	6.90	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.521408 °	38.521547 °
				-121.779775 °	-121.780033 °
DWR ID	DWR_ST0007_02_s_2017_46				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Stalks less than 1 inch in diameter can be trimmed and thinned.					

No Photos

LM Start	7.00	Rating **	U	Issue No.	47
LM End	7.01	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.522328 °	38.522393 °
				-121.781447 °	-121.781663 °
DWR ID	DWR_ST0007_02_s_2017_47				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
These Elderberries are blocking view of levee section and blocking access to a portion of the shoulder waterward. Some of these stalks are less than 1.0 inch that could be thinned out.					

Photo 1 of 1 : SP\_2018\_ST0007\_283\_47\_20180305\_00013.jpg



Elderberry bushes blocking view of waterside shoulder at this location.

<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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