

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2016 Levee Inspection Results

Sacramento Maintenance Yard Cache Creek

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

* **SPRING INSPECTIONS:** Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2016 Levee Inspection Results

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles
Unit No. 01 North Levee	Left	11.69

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/29/2016 - 3/29/2016			
DWR Inspector	Jai Lor			
Accompanied By	Ted Skidgel Sacramento Maintenance Yard			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	03/29/2016 03/29/2016	Jai Lor

LM Start		Rating **	A	Issue No.	2
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Operations & Maintenance Manuals			o	o
DWR ID	DWR_ST0001_01_s_2013_2				
Comment Code					
Inspector Comment					
The Sacramento Maintenance Yard has copies of the O&M Manuals, but they need to be updated by the USACE.					

No Photos

LM Start		Rating **	A	Issue No.	5
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Emergency Supplies & Equipment			o	o
DWR ID	DWR_ST0001_01_s_2013_5				
Comment Code					
Inspector Comment					
The Sacramento Maintenance Yard maintains a stockpile of flood fight materials.					

No Photos

LM Start		Rating **	A	Issue No.	21
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Flood Preparedness & Training			o	o
DWR ID	DWR_ST0001_01_s_2013_21				
Comment Code					
Inspector Comment					
The Sacramento Maintenance Yard remain current on their emergency response training and practices.					

No Photos

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

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	03/29/2016 03/29/2016	Jai Lor

LM Start	0.03	Rating **	M	Issue No.	48
LM End	0.16	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.715268 °	38.716647 °	
			-121.825345 °	-121.823667 °	
DWR ID	DWR_ST0001_01_s_2015_48				
Comment Code					
DT : Ditch					
Inspector Comment					
Ditch is located at the levee toe.					

Photo 1 of 1 : SP_2016_ST0001_259_48_20160304_00041.jpg



View of the ditch on the landward side of the levee looking upstream. Fall 2015.

LM Start	0.19	Rating **	C	Issue No.	66
LM End	0.19	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.716904 °	38.716904 °	
			-121.823218 °	-121.823218 °	
DWR ID	DWR_ST0001_01_f_2015_66				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Issue has been corrected.					

No Photos

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

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	03/29/2016 03/29/2016	Jai Lor

LM Start	0.93	Rating **	M	Issue No.	47
LM End	1.02	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.719222 °	38.720183 °	
			-121.815130 °	-121.813995 °	
DWR ID	DWR_ST0001_01_s_2015_47				
Comment Code					
DT : Ditch					
Inspector Comment					
Ditch is located at the toe levee.					

Photo 1 of 1 : SP_2016_ST0001_259_47_20160304_00040.jpg



View of the ditch on the landward side of the levee looking upstream. Fall 2015.

LM Start	0.93	Rating **	M	Issue No.	44
LM End	11.68	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.719244 °	38.698604 °	
			-121.815124 °	-121.674239 °	
DWR ID	DWR_ST0001_01_s_2016_44				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2016_ST0001_259_44_20160407_00073.jpg



View of the vegetation on the waterward side of the levee looking upstream. Spring 2016.

* 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**

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	03/29/2016 03/29/2016	Jai Lor

LM Start	1.33	Rating **	C	Issue No.	63
LM End	1.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.722302°	38.722302°	
			-121.809424°	-121.809424°	
DWR ID	DWR_ST0001_01_f_2015_63				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Ruts have been repaired.					

No Photos

LM Start	1.37	Rating **	M	Issue No.	73
LM End	1.37	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.722669°	38.722669°	
			-121.808792°	-121.808792°	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:46679 DS_ID:16270 EP_NO: 6790 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: May need additional signs on LS of levee. FIELD_STRUCT_DESC: 6-inch gas line through the levee at an unknown elevation and under channel. Gasline marker on WS slope (Permit No. 6790 - PG&E) FS Date: 10/5/2015 2:18:04 PM					

Photo 1 of 2 : UCIP_SP_2016_46679_60162.jpg



Waterside view: gasline marker

* 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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Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	03/29/2016 03/29/2016	Jai Lor

LM Start	1.37	Rating **	M	Issue No.	73 (cont)
LM End	1.37	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.722669 °	38.722669 °
				-121.808792 °	-121.808792 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:46679 DS_ID:16270 EP_NO: 6790 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: May need additional signs on LS of levee. FIELD_STRUCT_DESC: 6-inch gas line through the levee at an unknown elevation and under channel. Gasline marker on WS slope (Permit No. 6790 - PG&E) FS Date: 10/5/2015 2:18:04 PM					

Photo 2 of 2 : UCIP_SP_2016_46679_60161.jpg



Waterside view: closer look at gasline marker

LM Start	1.89	Rating **	M	Issue No.	3
LM End	1.98	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.729828 °	38.731143 °
				-121.806532 °	-121.806255 °
DWR ID	DWR_ST0001_01_s_2012_3				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 2 : SP_2016_ST0001_259_3_20160304_00002.jpg



The landscape needs to be trimmed up. Spring 2014

* 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**

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	03/29/2016 03/29/2016	Jai Lor

LM Start	1.89	Rating **	M	Issue No.	3 (cont)
LM End	1.98	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.729828 °	38.731143 °
				-121.806532 °	-121.806255 °
DWR ID	DWR_ST0001_01_s_2012_3				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 2 of 2 : SP_2016_ST0001_259_3_20160304_00003.jpg



View of the landscaping that needs to be trimmed on the landward side of the levee looking downstream. Fall 2015.

LM Start	1.94	Rating **	M	Issue No.	4
LM End	1.94	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.730528 °	38.730528 °
				-121.806485 °	-121.806485 °
DWR ID	DWR_ST0001_01_s_2012_4				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : SP_2016_ST0001_259_4_20160304_00004.jpg



The building backs up to the landside levee toe of the levee.

* 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**

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	03/29/2016 03/29/2016	Jai Lor

LM Start	1.96	Rating **	M	Issue No.	28
LM End	1.96	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.730860 °	38.730860 °	
			-121.806332 °	-121.806332 °	
DWR ID	DWR_ST0001_01_s_2014_28				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Cactus at the toe of the levee.					

Photo 1 of 1 : SP_2016_ST0001_259_28_20160304_00027.jpg



The property owner has planted cactus along the toe of the levee. Spring 2014

LM Start	1.98	Rating **	M	Issue No.	6
LM End	2.02	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.731197 °	38.731655 °	
			-121.806232 °	-121.806068 °	
DWR ID	DWR_ST0001_01_s_2012_6				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Catus on the waterside berm.					

Photo 1 of 1 : SP_2016_ST0001_259_6_20160304_00005.jpg



View of the cactus landscaping on the waterward side of the levee looking downstream. Fall 2015.

* 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**

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	03/29/2016 03/29/2016	Jai Lor

LM Start	1.98	Rating **	M	Issue No.	7
LM End	2.02	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.731198 °	38.731650 °	
			-121.806230 °	-121.806068 °	
DWR ID	DWR_ST0001_01_s_2012_7				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 2 : SP_2016_ST0001_259_7_20160304_00006.jpg



Wild grape and other plants are obstructing the view for inspection. Fall 2011

LM Start	1.98	Rating **	M	Issue No.	7 (cont)
LM End	2.02	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2016_ST0001_259_7_20160304_00007.jpg



View of the landscaping on the landward side of the levee looking downstream. Fall 2015.

* 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**

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	03/29/2016 03/29/2016	Jai Lor

LM Start	2.01	Rating **	M	Issue No.	8
LM End	2.01	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.731507 °	38.731507 °	
			-121.806122 °	-121.806122 °	
DWR ID	DWR_ST0001_01_s_2012_8				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : SP_2016_ST0001_259_8_20160304_00008.jpg



View of the building on the landward side of the levee looking upstream. Cactus planted at the toe obstructs visibility. Fall 2015.

LM Start	2.04	Rating **	M	Issue No.	9
LM End	2.04	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.731927 °	38.731927 °	
			-121.805973 °	-121.805973 °	
DWR ID	DWR_ST0001_01_s_2012_9				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : SP_2016_ST0001_259_9_20160304_00009.jpg



View of the house in the town of Yolo on the landward side of the levee looking downstream. Fall 2015.

* 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**

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	03/29/2016 03/29/2016	Jai Lor

LM Start	2.05	Rating **	M	Issue No.	10
LM End	2.05	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.732162 °	38.732162 °	
			-121.805895 °	-121.805895 °	
DWR ID	DWR_ST0001_01_s_2012_10				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : SP_2016_ST0001_259_10_20160304_00010.jpg



View of the house on the landward side of the levee looking downstream. Fall 2015.

LM Start	2.06	Rating **	M	Issue No.	11
LM End	2.06	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.732268 °	38.732268 °	
			-121.805832 °	-121.805832 °	
DWR ID	DWR_ST0001_01_s_2012_11				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : SP_2016_ST0001_259_11_20160304_00011.jpg



View of the building on the landward side of the levee looking downstream. Fall 2015.

* 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**

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	03/29/2016 03/29/2016	Jai Lor

LM Start	2.08	Rating **	M	Issue No.	13
LM End	2.08	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.732537 °	38.732537 °	
			-121.805708 °	-121.805708 °	
DWR ID	DWR_ST0001_01_s_2012_13				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : SP_2016_ST0001_259_13_20160304_00013.jpg



View of the building on the landward side of the levee looking upstream. Fall 2015.

LM Start	2.09	Rating **	M	Issue No.	74
LM End	2.09	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.732665 °	38.732665 °	
			-121.805604 °	-121.805604 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:46680 DS_ID:16269 EP_NO: 13077A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: A pump house located LS across the road. A debris is blocking the outlet channel of the pipe. It needs to be removed (an abandoned sofa). removed debri summer of 2013 FIELD_STRUCT_DESC: Pipe through the levee, screw gate on waterward slope. One of two pipes (30" diameter and 10" diameter) of a storm drainage system. A gate riser structure approximately 4 ft waterward of the waterside levee shoulder. A flap gate on the pipeline at the discharge structure. FS Date: 10/5/2015 2:22:58 PM					

Photo 1 of 2 : UCIP_SP_2016_46680_61122.jpg



Waterside view: a concrete control box with slide gate

* 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**

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	03/29/2016 03/29/2016	Jai Lor

LM Start	2.09	Rating **	M	Issue No.	74 (cont)
LM End	2.09	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.732665 °	38.732665 °
				-121.805604 °	-121.805604 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:46680 DS_ID:16269 EP_NO: 13077A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: A pump house located LS across the road. A debris is blocking the outlet channel of the pipe. It needs to be removed (an abandoned sofa). removed debris summer of 2013 FIELD_STRUCT_DESC: Pipe through the levee, screw gate on waterward slope. One of two pipes (30" diameter and 10" diameter) of a storm drainage system. A gate riser structure approximately 4 ft waterward of the waterside levee shoulder. A flap gate on the pipeline at the discharge structure. FS Date: 10/5/2015 2:22:58 PM					

Photo 2 of 2 : UCIP_SP_2016_46680_61120.jpg



Waterside view: inside the control box

LM Start	2.12	Rating **	M	Issue No.	12
LM End	2.12	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.733000 °	38.733000 °
				-121.805409 °	-121.805409 °
DWR ID	DWR_ST0001_01_s_2012_12				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : SP_2016_ST0001_259_12_20160304_00012.jpg



View of the building on the landward side of the levee looking downstream. Fall 2015.

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

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	03/29/2016 03/29/2016	Jai Lor

LM Start	2.12	Rating **	M	Issue No.	14
LM End	2.13	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.733117 °	38.733218 °	
			-121.805367 °	-121.805263 °	
DWR ID	DWR_ST0001_01_s_2012_14				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2016_ST0001_259_14_20160304_00014.jpg



View of the shrubs on the landward side of the levee looking upstream. Fall 2015.

LM Start	2.13	Rating **	M	Issue No.	15
LM End	2.15	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.733215 °	38.733350 °	
			-121.805262 °	-121.805082 °	
DWR ID	DWR_ST0001_01_s_2012_15				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP_2016_ST0001_259_15_20160304_00015.jpg



View of the fence on the landward side of the levee looking upstream. Fall 2015.

* 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**

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	03/29/2016 03/29/2016	Jai Lor

LM Start	2.17	Rating **	M	Issue No.	16
LM End	2.17	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.733555 °	38.733555 °	
			-121.804737 °	-121.804737 °	
DWR ID	DWR_ST0001_01_s_2012_16				
Comment Code					
BU : Building					
Inspector Comment					

LM Start	2.17	Rating **	M	Issue No.	16 (cont)
LM End	2.17	Issue Type +	En	Location *	LS

Photo 1 of 2 : SP_2016_ST0001_259_16_20160304_00016.jpg



Horse barn and corral are within the easement of the levee.

Photo 2 of 2 : SP_2016_ST0001_259_16_20160304_00017.jpg



View of the horse barn on the landward side of the levee looking upstream. Fall 2015.

* 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**

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	03/29/2016 03/29/2016	Jai Lor

LM Start	2.26	Rating **	M	Issue No.	75
LM End	2.26	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.733675 °	38.733675 °
				-121.803009 °	-121.803009 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:46681 DS_ID:16268 EP_NO: 2415 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: May need to install gasoline marker on WS slope. FIELD_STRUCT_DESC: 20-inch gas line through the levee 4.0 feet below the crown. Two cutoff walls. Gasline indicator found on landside of the levee (Permit No. 2415 - PG&E) FS Date: 10/5/2015 2:23:47 PM					

Photo 1 of 2 : UCIP_SP_2016_46681_60164.jpg



Waterside view: no indicators found

LM Start	2.26	Rating **	M	Issue No.	75 (cont)
LM End	2.26	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_46681_60163.jpg



Landside view: gasoline indicator

* 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**

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	03/29/2016 03/29/2016	Jai Lor

LM Start	2.57	Rating **	A/W	Issue No.	17
LM End	2.61	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.732836 °	38.732685 °
				-121.797893 °	-121.797154 °
DWR ID	DWR_ST0001_01_s_2016_17				
Comment Code					
Inspector Comment					
Site identified as CRITICAL in 2002. 2006 - Currently constructing a setback levee. New failures present and extensive. Downstream end of the setback levee did not extend far enough. Upstream end was repaired. 2007 - DWR repaired with a setback levee, but the levee did not go far enough downstream. 2012 - New cracks observed. 2013 - Fresh erosion on upper bank. 2015: No observed changes. [2015 Site ID: CHC_2-4_L]					

Photo 1 of 1 : SP_2016_ST0001_259_17_20160304_00018.jpg



USACE 2013 Photo #1

LM Start	2.62	Rating **	M	Issue No.	65
LM End	2.62	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.732808 °	38.732808 °
				-121.796988 °	-121.796988 °
DWR ID	DWR_ST0001_01_f_2015_65				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	03/29/2016 03/29/2016	Jai Lor

LM Start	2.67	Rating **	C	Issue No.	64
LM End	2.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.733057 °	38.733057 °	
			-121.796066 °	-121.796066 °	
DWR ID	DWR_ST0001_01_f_2015_64				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Trees have been trimmed.					

No Photos

LM Start	2.67	Rating **	M	Issue No.	71
LM End	2.74	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.733075 °	38.733594 °	
			-121.796039 °	-121.795131 °	
DWR ID	DWR_ST0001_01_s_2016_71				
Comment Code					
EQ : Equipment					
Inspector Comment					

Photo 1 of 1 : SP_2016_ST0001_259_71_20160407_00075.jpg



View of the equipment on the landward side of the levee looking upstream. Spring 2016.

LM Start	2.69	Rating **	M	Issue No.	20
LM End	2.69	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.733145 °	38.733145 °	
			-121.795845 °	-121.795845 °	
DWR ID	DWR_ST0001_01_s_2012_20				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 2 : SP_2016_ST0001_259_20_20160304_00021.jpg



The corner of the shop is within the easement of the levee. Fall 2011

* Location LS : Land Side 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**

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	03/29/2016 03/29/2016	Jai Lor

LM Start	2.69	Rating **	M	Issue No.	20 (cont)
LM End	2.69	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.733145 °	38.733145 °
				-121.795845 °	-121.795845 °
DWR ID	DWR_ST0001_01_s_2012_20				
Comment Code					
BU : Building					
Inspector Comment					

Photo 2 of 2 : SP_2016_ST0001_259_20_20160304_00022.jpg



View of the building on the landward side of the levee looking upstream. Fall 2015.

LM Start	2.74	Rating **	M	Issue No.	69
LM End	3.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.733594 °	38.730490 °
				-121.795130 °	-121.784731 °
DWR ID	DWR_ST0001_01_s_2016_69				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	2.82	Rating **	A/W	Issue No.	38
LM End	2.86	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.734067 °	38.734171 °
				-121.793713 °	-121.792992 °
DWR ID	DWR_ST0001_01_s_2016_38				
Comment Code					
Inspector Comment					
2006 - Large new failure. 2008 - Plans for repair currently in the design phase. 2010 - Planned setback levee by CA DWR, 60% design complete, construction planned for 2012. 2011 - Construction delayed to 2013 - 2014. 2015: No observed changes. [2015 Site ID: CHC_2-8_L]					

Photo 1 of 1 : SP_2016_ST0001_259_38_20160304_00033.jpg



USACE 2013 Photo #1

* Location LS : Land Side 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**

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	03/29/2016 03/29/2016	Jai Lor

LM Start	2.82	Rating **	M	Issue No.	70
LM End	2.82	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.734450 °	38.734450 °	
			-121.793793 °	-121.793793 °	
DWR ID	DWR_ST0001_01_s_2016_70				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : SP_2016_ST0001_259_70_20160407_00074.jpg



View of the pruning pile on the landward side of the levee looking upstream. Spring 2016.

LM Start	3.10	Rating **	C	Issue No.	53
LM End	3.10	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.734363 °	38.734363 °	
			-121.788558 °	-121.788558 °	
DWR ID	DWR_ST0001_01_f_2013_53				
Comment Code					
PR : Prunings					
Inspector Comment					
Pruning piles have been removed.					

No Photos

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

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	03/29/2016 03/29/2016	Jai Lor

LM Start	3.48	Rating **	A/W	Issue No.	1
LM End	3.57	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.732942 °	38.731626 °
				-121.784965 °	-121.785231 °
DWR ID	DWR_ST0001_01_s_2016_1				
Comment Code					
Inspector Comment					
2006 - Some significant new erosion, especially fresh upper bank slumping. Still substantial berm. 2010 - Site extended downstream, some new erosion, heavily vegetated and hard to see. Planned setback levee by CA DWR, 60% design complete, construction planned for 2012. 2011 - Construction delayed to 2013 - 2014. 2015: No observed changes. [2015 Site ID: CHC_3-4_L]					

Photo 1 of 1 : SP_2016_ST0001_259_1_20160304_00001.jpg



USACE 2013 Photo #1

LM Start	3.60	Rating **	M	Issue No.	62
LM End	3.60	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.731134 °	38.731134 °
				-121.785010 °	-121.785010 °
DWR ID	DWR_ST0001_01_f_2015_62				
Comment Code					
EQ : Equipment					
Inspector Comment					

Photo 1 of 1 : SP_2016_ST0001_259_62_20160304_00053.jpg



View of pipes on the landward side of the levee looking upstream. Fall 2015.

* 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**

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	03/29/2016 03/29/2016	Jai Lor

LM Start	3.66	Rating **	C	Issue No.	43
LM End	3.66	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.730280 °	38.730280 °
				-121.784572 °	-121.784572 °
DWR ID	DWR_ST0001_01_s_2015_43				
Comment Code					
PR : Prunings					
Inspector Comment					
Pruning pile has been cleared.					

No Photos

LM Start	3.84	Rating **	C	Issue No.	42
LM End	3.87	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.728688 °	38.728753 °
				-121.782153 °	-121.781628 °
DWR ID	DWR_ST0001_01_s_2015_42				
Comment Code					
PR : Prunings					
Inspector Comment					
Pruning pile has been cleared.					

No Photos

LM Start	3.86	Rating **	M	Issue No.	68
LM End	4.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.728751 °	38.726949 °
				-121.781847 °	-121.774188 °
DWR ID	DWR_ST0001_01_s_2016_68				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

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

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	03/29/2016 03/29/2016	Jai Lor

LM Start	4.28	Rating **	M	Issue No.	27
LM End	4.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.727047 °	38.726113 °	
			-121.774413 °	-121.771929 °	
DWR ID	DWR_ST0001_01_s_2012_27				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2016_ST0001_259_27_20160304_00026.jpg



View of the landscape trees on the landward side of the levee looking upstream. Fall 2015.

LM Start	4.33	Rating **	M	Issue No.	55
LM End	4.33	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.726785 °	38.726785 °	
			-121.773538 °	-121.773538 °	
DWR ID	DWR_ST0001_01_f_2013_55				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : SP_2016_ST0001_259_55_20160304_00048.jpg



View of the pruning pile on the landward side of the levee looking upstream. Fall 2015.

* 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**

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	03/29/2016 03/29/2016	Jai Lor

LM Start	4.42	Rating **	M	Issue No.	67
LM End	4.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.726179 °	38.721357 °	
			-121.772088 °	-121.764856 °	
DWR ID	DWR_ST0001_01_s_2016_67				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	4.78	Rating **	M	Issue No.	24
LM End	4.78	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.722590 °	38.722590 °	
			-121.767294 °	-121.767294 °	
DWR ID	DWR_ST0001_01_s_2012_24				
Comment Code					
PI : Pipe					
Inspector Comment					

Photo 1 of 1 : SP_2016_ST0001_259_24_20160304_00023.jpg



View of the aluminum irrigation pipe along the levee toe of the landward side looking upstream. Fall 2015.

* 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**

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	03/29/2016 03/29/2016	Jai Lor

LM Start	4.98	Rating **	M	Issue No.	76
LM End	4.98	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.721038 °	38.721038 °
				-121.764180 °	-121.764180 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:46685 DS_ID:16265 EP_NO: 7232 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: May need marker on WS. FIELD_STRUCT_DESC: Submarine Communication cable through the levee 2.5-feet below the crown. Communication marker located on eastside of highway 113 on LS toe. (Permit No. 7232 - PT&T). FS Date: 10/5/2015 2:26:16 PM					

Photo 1 of 2 : UCIP_SP_2016_46685_73501.jpg



Sign on LS toe.

LM Start	4.98	Rating **	M	Issue No.	76 (cont)
LM End	4.98	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_46685_73500.jpg



Sign on LS toe.

* 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**

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	03/29/2016 03/29/2016	Jai Lor

LM Start	4.99	Rating **	M	Issue No.	77
LM End	4.99	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.721025 °	38.721025 °
				-121.764147 °	-121.764147 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:46686 DS_ID:16756 EP_NO: 3089 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Signage in disrepair and need signs at Levee. Need to contact owner to determine status of crossing and install new signs if appropriate to do so. FIELD_STRUCT_DESC: 4-inch steel gas line through the levee 4-feet below the crown. Gasline marker located 500-feet north of levee crossing at levee access road/gate. Pipe alignment to east of bridge (Permit No. 3089, 1959). FS Date: 10/5/2015 2:26:42 PM					

Photo 1 of 2 : UCIP_SP_2016_46686_73504.jpg



Gasline marker next to levee access gate 500-feet north of levee crown.

LM Start	4.99	Rating **	M	Issue No.	77 (cont)
LM End	4.99	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_46686_73503.jpg



Gasline marker at Best Ranch Road, 1500-feet south of levee crossing.

* 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**

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	03/29/2016 03/29/2016	Jai Lor

LM Start	5.17	Rating **	M	Issue No.	61
LM End	5.17	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.720705 °	38.720705 °
				-121.761009 °	-121.761009 °
DWR ID	DWR_ST0001_01_f_2015_61				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	5.65	Rating **	C	Issue No.	60
LM End	5.65	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.724074 °	38.724074 °
				-121.756142 °	-121.756142 °
DWR ID	DWR_ST0001_01_f_2015_60				
Comment Code					
PR : Prunings					
Inspector Comment					
Pruning pile has been cleared.					

No Photos

LM Start	5.67	Rating **	M	Issue No.	59
LM End	5.67	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.723839 °	38.723839 °
				-121.755823 °	-121.755823 °
DWR ID	DWR_ST0001_01_f_2015_59				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : SP_2016_ST0001_259_59_20160304_00051.jpg



View of the beehives on the landward side of the levee looking upstream. Fall 2015.

* 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**

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	03/29/2016 03/29/2016	Jai Lor

LM Start	5.74	Rating **	M	Issue No.	45
LM End	5.74	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.723735°	38.723735°
				-121.754588°	-121.754588°
DWR ID	DWR_ST0001_01_s_2016_45				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	6.26	Rating **	M	Issue No.	58
LM End	6.26	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.727955°	38.727955°
				-121.747124°	-121.747124°
DWR ID	DWR_ST0001_01_f_2015_58				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	6.52	Rating **	C	Issue No.	52
LM End	6.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.728824°	38.728858°
				-121.742494°	-121.741821°
DWR ID	DWR_ST0001_01_f_2015_52				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Vegetation has been cleared.					

No Photos

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

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	03/29/2016 03/29/2016	Jai Lor

LM Start	6.90	Rating **	C	Issue No.	33
LM End	6.90	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.728065 °	38.728065 °	
			-121.735623 °	-121.735623 °	
DWR ID	DWR_ST0001_01_s_2015_33				
Comment Code					
DE : Debris					
Inspector Comment					
Debris pile has been cleared.					

No Photos

LM Start	6.91	Rating **	M	Issue No.	19
LM End	7.20	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.728051 °	38.727472 °	
			-121.735366 °	-121.730309 °	
DWR ID	DWR_ST0001_01_s_2016_19				
Comment Code					
DT : Ditch					
Inspector Comment					
Ditch is freshly dug at the toe of the levee. About 3 feet wide and 1.5 ft deep. V-ditch.					

Photo 1 of 3 : SP_2016_ST0001_259_19_20160413_00078.jpg



The PVC pipe is at the end of the ditch at levee mile 6.91. Spring 2016.

LM Start	6.91	Rating **	M	Issue No.	19 (cont)
LM End	7.20	Issue Type +	En	Location *	LS

Photo 2 of 3 : SP_2016_ST0001_259_19_20160413_00076.jpg



Perspective view of the ditch along the levee toe on the landward side looking upstream. Spring 2016.

* 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**

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	03/29/2016 03/29/2016	Jai Lor

LM Start	6.91	Rating **	M	Issue No.	19 (cont)
LM End	7.20	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.728051 °	38.727472 °	
			-121.735366 °	-121.730309 °	
DWR ID	DWR_ST0001_01_s_2016_19				
Comment Code					
DT : Ditch					
Inspector Comment					
Ditch is freshly dug at the toe of the levee. About 3 feet wide and 1.5 ft deep. V-ditch.					

Photo 3 of 3 : SP_2016_ST0001_259_19_20160413_00079.jpg



View of the ditch and pvc pipe looking upstream. Spring 2016.

LM Start	7.25	Rating **	M	Issue No.	57
LM End	7.25	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.727705 °	38.727705 °	
			-121.729462 °	-121.729462 °	
DWR ID	DWR_ST0001_01_f_2015_57				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2016_ST0001_259_57_20160304_00050.jpg



View of the cactus on the landward side of the levee looking upstream. Fall 2015.

LM Start	7.30	Rating **	M	Issue No.	40
LM End	7.34	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.727878 °	38.728085 °	
			-121.728553 °	-121.727740 °	
DWR ID	DWR_ST0001_01_s_2012_40				
Comment Code					
EQ : Equipment					
Inspector Comment					

Photo 1 of 2 : SP_2016_ST0001_259_40_20160304_00035.jpg



Irrigation pipe and equipment are within the easement of the levee.

* Location LS : Land Side 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**

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	03/29/2016 03/29/2016	Jai Lor

LM Start	7.30	Rating **	M	Issue No.	40 (cont)
LM End	7.34	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.727878 °	38.728085 °
				-121.728553 °	-121.727740 °
DWR ID	DWR_ST0001_01_s_2012_40				
Comment Code					
EQ : Equipment					
Inspector Comment					

Photo 2 of 2 : SP_2016_ST0001_259_40_20160304_00036.jpg



View of the equipment at the levee toe on the landward side looking downstream. Fall 2015.

LM Start	7.30	Rating **	M	Issue No.	39
LM End	7.30	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.727870 °	38.727870 °
				-121.728527 °	-121.728527 °
DWR ID	DWR_ST0001_01_s_2012_39				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : SP_2016_ST0001_259_39_20160304_00034.jpg



The barn and livestock pens are within the easement of the levee.

LM Start	7.34	Rating **	C	Issue No.	56
LM End	7.34	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.728025 °	38.728025 °
				-121.727829 °	-121.727829 °
DWR ID	DWR_ST0001_01_f_2015_56				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Tree branches on the levee has been cleared.					

No Photos

* Location LS : Land Side 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**

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	03/29/2016 03/29/2016	Jai Lor

LM Start	7.36	Rating **	M	Issue No.	26
LM End	7.78	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.728188 °	38.728212 °
				-121.727442 °	-121.720304 °
DWR ID	DWR_ST0001_01_s_2015_26				
Comment Code					
DT : Ditch					
Inspector Comment					
Ditch is located at the levee toe.					

LM Start	7.36	Rating **	M	Issue No.	26 (cont)
LM End	7.78	Issue Type +	En	Location *	LS

Photo 1 of 2 : SP_2016_ST0001_259_26_20160304_00024.jpg



View of ditch on the landward side of the levee looking upstream. Spring 2015.

Photo 2 of 2 : SP_2016_ST0001_259_26_20160304_00025.jpg



View of the ditch on the landward side of the levee looking upstream. Fall 2015.

* 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**

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	03/29/2016 03/29/2016	Jai Lor

LM Start	7.60	Rating **	M	Issue No.	54
LM End	7.60	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.729218 °	38.729218 °	
			-121.723325 °	-121.723325 °	
DWR ID	DWR_ST0001_01_f_2015_54				
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_2016_ST0001_259_54_20160304_00047.jpg



View of the rodent holes on the waterward side of the levee looking downstream. Fall 2015.

LM Start	7.69	Rating **	M	Issue No.	29
LM End	7.69	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.729027 °	38.729027 °	
			-121.721683 °	-121.721683 °	
DWR ID	DWR_ST0001_01_s_2015_29				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

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

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	03/29/2016 03/29/2016	Jai Lor

LM Start	7.89	Rating **	M	Issue No.	78
LM End	7.89	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.727333 °	38.727333 °
				-121.718558 °	-121.718558 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:46696 DS_ID:16264 EP_NO: 12983 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Gasline markers in disrepair and should be replaced. Gasline indicator found on waterside of the levee. FIELD_STRUCT_DESC: 6-inch diameter gas pipeline through the levee (App. No. 12983 - Shell Oil Co.). To install a 4-inch and 6-inch gas pipeline crossing Cache Creek, Cache Creek levees, and the Cache Creek Settling Basin. FS Date: 10/5/2015 2:37:25 PM					

Photo 1 of 2 : UCIP_SP_2016_46696_60197.jpg



Waterside view: gasline indicator

LM Start	7.89	Rating **	M	Issue No.	78 (cont)
LM End	7.89	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_SP_2016_46696_60196.jpg



Landside view: no indicator found.

* 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**

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	03/29/2016 03/29/2016	Jai Lor

LM Start	7.95	Rating **	M	Issue No.	50
LM End	7.95	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.727271 °	38.727271 °	
			-121.717595 °	-121.717595 °	
DWR ID	DWR_ST0001_01_f_2015_50				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : SP_2016_ST0001_259_50_20160304_00043.jpg



View of the beehives on the waterward side of the levee looking upstream. Fall 2015.

LM Start	7.99	Rating **	C	Issue No.	51
LM End	7.99	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.727167 °	38.727167 °	
			-121.716817 °	-121.716817 °	
DWR ID	DWR_ST0001_01_f_2015_51				
Comment Code					
PR : Prunings					
Inspector Comment					
Pruning pile has been removed.					

No Photos

LM Start	8.37	Rating **	M	Issue No.	41
LM End	11.68	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.726490 °	38.698604 °	
			-121.709903 °	-121.674239 °	
DWR ID	DWR_ST0001_01_s_2016_41				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

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

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	03/29/2016 03/29/2016	Jai Lor

LM Start	8.38	Rating **	M	Issue No.	46
LM End	8.38	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.726502 °	38.726502 °	
			-121.709818 °	-121.709818 °	
DWR ID	DWR_ST0001_01_f_2015_46				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : SP_2016_ST0001_259_46_20160304_00039.jpg



View of the pile of prunings on the landward side of the levee looking upstream. Fall 2015.

LM Start	9.38	Rating **	M	Issue No.	37
LM End	9.38	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.719392 °	38.719392 °	
			-121.696879 °	-121.696879 °	
DWR ID	DWR_ST0001_01_f_2015_37				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 2 : SP_2016_ST0001_259_37_20160304_00031.jpg



View of the rodent hole on the waterward side of the levee looking upstream. Fall 2015.

* 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**

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	03/29/2016 03/29/2016	Jai Lor

LM Start	9.38	Rating **	M	Issue No.	37 (cont)
LM End	9.38	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.719392 °	38.719392 °
				-121.696879 °	-121.696879 °
DWR ID	DWR_ST0001_01_f_2015_37				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 2 of 2 : SP_2016_ST0001_259_37_20160304_00032.jpg



View of the rodent hole on the waterward side of the levee looking downstream. Fall 2015.

LM Start	9.72	Rating **	M	Issue No.	35
LM End	9.72	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.714413 °	38.714413 °
				-121.697168 °	-121.697168 °
DWR ID	DWR_ST0001_01_f_2015_35				
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_2016_ST0001_259_35_20160304_00030.jpg



View of the rodent hole on the waterward side of the levee looking upstream. Fall 2015.

* 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**

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	03/29/2016 03/29/2016	Jai Lor

LM Start	10.00	Rating **	M	Issue No.	25
LM End	10.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.710321 °	38.710321 °	
			-121.697494 °	-121.697494 °	
DWR ID	DWR_ST0001_01_f_2015_25				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	10.75	Rating **	U	Issue No.	72
LM End	10.75	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.701814 °	38.701814 °	
			-121.690832 °	-121.690832 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:46707 DS_ID:17119 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Pipe leaks, severe erosion from levee shoulder to pipe daylight on landside levee slope, summer of 2013 repaired erosion, pipe needs repaired. FIELD_STRUCT_DESC: A 18-inch soil proofed Steel Pipe 0.25" thick. FS Date: 10/5/2015 2:47:13 PM					

Photo 1 of 2 : UCIP_SP_2016_46707_60148.jpg



Waterside view: pipe in the ditch

* 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**

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	03/29/2016 03/29/2016	Jai Lor

LM Start	10.75	Rating **	U	Issue No.	72 (cont)
LM End	10.75	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.701814 °	38.701814 °
				-121.690832 °	-121.690832 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:46707 DS_ID:17119 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Pipe leaks, severe erosion from levee shoulder to pipe daylight on landside levee slope, summer of 2013 repaired erosion, pipe needs repaired. FIELD_STRUCT_DESC: A 18-inch soil proofed Steel Pipe 0.25" thick. FS Date: 10/5/2015 2:47:13 PM					

Photo 2 of 2 : UCIP_SP_2016_46707_60147.jpg



Landside view: pipe daylight on LS levee slope

* 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**

Unit Cover Sheet

Spring 2016 Levee Inspection Results

Sacramento Maintenance Yard Cache Creek

Waterway		Bank	Unit Miles	
Unit No. 02 South Levee		Right	11.48	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/29/2016 - 3/29/2016			
DWR Inspector	Jai Lor			
Accompanied By	Ted Skidgel Sacramento Maintenance Yard			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	03/29/2016 03/29/2016	Jai Lor

LM Start	0.03	Rating **	M	Issue No.	5
LM End	1.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.727474 °	38.733428 °	
			-121.806002 °	-121.792309 °	
DWR ID	DWR_ST0001_02_s_2016_5				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.03	Rating **	M	Issue No.	4
LM End	4.11	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.727475 °	38.724525 °	
			-121.806003 °	-121.751916 °	
DWR ID	DWR_ST0001_02_s_2016_4				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2016_ST0001_260_4_20160407_00024.jpg



View of the vegetation on the waterward side of the levee looking downstream. Spring 2016.

* 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**

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	03/29/2016 03/29/2016	Jai Lor

LM Start	0.18	Rating **	N	Issue No.	10
LM End	0.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.729560 °	38.729560 °
				-121.805231 °	-121.805231 °
DWR ID	DWR_ST0001_02_f_2015_10				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
The stump is located at the levee toe.					

Photo 1 of 1 : SP_2016_ST0001_260_10_20160304_00008.jpg



View of the tree stump at the landward side of the levee looking downstream. Fall 2015.

LM Start	0.27	Rating **	N	Issue No.	6
LM End	0.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.730723 °	38.730723 °
				-121.804972 °	-121.804972 °
DWR ID	DWR_ST0001_02_s_2014_6				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : SP_2016_ST0001_260_6_20160304_00004.jpg



A large black walnut tree stump is at the toe of the levee. Spring 2014

LM Start	0.53	Rating **	M	Issue No.	16
LM End	0.53	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.732759 °	38.732759 °
				-121.801652 °	-121.801652 °
DWR ID	DWR_ST0001_02_f_2015_16				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side 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**

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	03/29/2016 03/29/2016	Jai Lor

LM Start	0.68	Rating **	M	Issue No.	1
LM End	0.68	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.732293 °	38.732293 °
				-121.799071 °	-121.799071 °
DWR ID	DWR_ST0001_02_s_2012_1				
Comment Code					
DE : Debris					
Inspector Comment					

Photo 1 of 1 : SP_2016_ST0001_260_1_20160304_00001.jpg



View of the prunings and stakes at the toe of the landward side of the levee looking downstream. Fall 2015.

LM Start	1.60	Rating **	A/W	Issue No.	11
LM End	1.60	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.731652 °	38.731652 °
				-121.786253 °	-121.786253 °
DWR ID	DWR_ST0001_02_s_2015_11				
Comment Code					
Inspector Comment					
The erosion is down by the channel and does not appear to be in the levee prism.					

Photo 1 of 2 : SP_2016_ST0001_260_11_20160304_00009.jpg



View of the erosion on the channel looking downstream. Spring 2015.

LM Start	1.60	Rating **	A/W	Issue No.	11 (cont)
LM End	1.60	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2016_ST0001_260_11_20160304_00010.jpg



The view of the erosion from a distance. Spring 2015.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	03/29/2016 03/29/2016	Jai Lor

LM Start	1.67	Rating **	C	Issue No.	12
LM End	1.67	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.730624 °	38.730624 °	
			-121.786050 °	-121.786050 °	
DWR ID	DWR_ST0001_02_f_2012_12				
Comment Code					
PR : Prunings					
Inspector Comment					
Issue has been corrected.					

No Photos

LM Start	2.40	Rating **	A/W	Issue No.	19
LM End	2.40	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.726216 °	38.726216 °	
			-121.774927 °	-121.774927 °	
DWR ID	DWR_ST0001_02_f_2015_19				
Comment Code					
PI : Pipe					
Inspector Comment					
A hose is on top of the levee and is slowly causing erosion on the landward side of the levee.					

Photo 1 of 2 : SP_2016_ST0001_260_19_20160304_00014.jpg



The erosion is under the hose on the landward side of the levee. Fall 2015.

LM Start	2.40	Rating **	A/W	Issue No.	19 (cont)
LM End	2.40	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2016_ST0001_260_19_20160304_00015.jpg



View of the hose that goes from the landward side to the waterward side of the levee looking downstream. Fall 2015.

* Location LS : Land Side 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**

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	03/29/2016 03/29/2016	Jai Lor

LM Start	2.40	Rating **	M	Issue No.	3
LM End	2.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.726182 °	38.726182 °	
			-121.774835 °	-121.774835 °	
DWR ID	DWR_ST0001_02_s_2012_3				
Comment Code					
DE : Debris					
Inspector Comment					

Photo 1 of 1 : SP_2016_ST0001_260_3_20160304_00003.jpg



View of the concrete pile at the toe of the landward side of the levee looking downstream. Fall 2015.

LM Start	3.06	Rating **	C	Issue No.	21
LM End	3.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.720565 °	38.720565 °	
			-121.765306 °	-121.765306 °	
DWR ID	DWR_ST0001_02_f_2015_21				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Issue has been corrected.					

No Photos

LM Start	3.07	Rating **	C	Issue No.	20
LM End	3.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.720466 °	38.720466 °	
			-121.765027 °	-121.765027 °	
DWR ID	DWR_ST0001_02_f_2015_20				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Issue has been corrected.					

No Photos

* Location LS : Land Side 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**

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	03/29/2016 03/29/2016	Jai Lor

LM Start	3.32	Rating **	M	Issue No.	435
LM End	3.32	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.719648 °	38.719648 °
				-121.760691 °	-121.760691 °
DWR ID	DWR_ST0001_02_f_2014_435				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2016_ST0001_260_435_20160304_00023.jpg



View of the landscaping vegetation on the landward side of the levee looking downstream. The pile of pruning has been removed. Spring 2015.

LM Start	3.44	Rating **	C	Issue No.	22
LM End	3.44	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.720862 °	38.720862 °
				-121.759540 °	-121.759540 °
DWR ID	DWR_ST0001_02_f_2015_22				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Issue has been corrected.					

No Photos

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

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	03/29/2016 03/29/2016	Jai Lor

LM Start	3.53	Rating **	M	Issue No.	2
LM End	3.60	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.722138 °	38.723294 °
				-121.759736 °	-121.759588 °
DWR ID	DWR_ST0001_02_s_2016_2				
Comment Code					
Inspector Comment					
2010 - Large slump on the upper berm, a tree has recently slid down the slope. 2011 - Large slump and new erosion. 2012 - Slightly steeper slopes and cracks observed. 2015: No observed changes. [2015 Site ID: CHC_3-5_R]					

Photo 1 of 1 : SP_2016_ST0001_260_2_20160304_00002.jpg



USACE 2013 Photo #1

LM Start	3.53	Rating **	A/W	Issue No.	7
LM End	3.62	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.722228 °	38.723322 °
				-121.759663 °	-121.759317 °
DWR ID	DWR_ST0001_02_s_2012_7				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2016_ST0001_260_7_20160304_00005.jpg



View of the landscaping and fence on the landward side of the levee looking downstream. Fall 2015.

LM Start	3.85	Rating **	M	Issue No.	23
LM End	3.85	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.722583 °	38.722583 °
				-121.755458 °	-121.755458 °
DWR ID	DWR_ST0001_02_f_2015_23				
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_2016_ST0001_260_23_20160304_00019.jpg



View of the animal holes on the waterward side of the levee. Fall 2015.

* Location LS : Land Side 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**

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	03/29/2016 03/29/2016	Jai Lor

LM Start	4.06	Rating **	M	Issue No.	8
LM End	4.06	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.723997°	38.723997°	
			-121.752505°	-121.752505°	
DWR ID	DWR_ST0001_02_s_2012_8				
Comment Code					
BU : Building					
Inspector Comment					
Building is within the easement of the levee.					

Photo 1 of 1 : SP_2016_ST0001_260_8_20160304_00006.jpg



View of the building on the landward side of the levee looking downstream. Fall 2015.

LM Start	4.08	Rating **	M	Issue No.	26
LM End	4.08	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.724200°	38.724200°	
			-121.752272°	-121.752272°	
DWR ID	DWR_ST0001_02_f_2013_26				
Comment Code					
EQ : Equipment					
Inspector Comment					

Photo 1 of 1 : SP_2016_ST0001_260_26_20160304_00021.jpg



View of the equipment at the toe of the landward side of the levee. Fall 2015.

* 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**

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	03/29/2016 03/29/2016	Jai Lor

LM Start	4.09	Rating **	M	Issue No.	9
LM End	4.18	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.724317 °	38.725242 °	
			-121.752148 °	-121.751075 °	
DWR ID	DWR_ST0001_02_s_2012_9				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2016_ST0001_260_9_20160304_00007.jpg



View of the landscaping vegetation on the landward side of the levee looking downstream. Fall 2015.

LM Start	4.18	Rating **	C	Issue No.	18
LM End	4.18	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.725320 °	38.725320 °	
			-121.751023 °	-121.751023 °	
DWR ID	DWR_ST0001_02_s_2015_18				
Comment Code					
PR : Prunings					
Inspector Comment					
Pruning piles have been cleared.					

No Photos

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

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	03/29/2016 03/29/2016	Jai Lor

LM Start	4.49	Rating **	M	Issue No.	27
LM End	4.49	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.727065 °	38.727065 °	
			-121.746002 °	-121.746002 °	
DWR ID	DWR_ST0001_02_f_2013_27				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : SP_2016_ST0001_260_27_20160304_00022.jpg



View of the horse corral and building on the waterward side of the levee looking downstream. Fall 2015.

LM Start	4.68	Rating **	C	Issue No.	24
LM End	4.68	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.727629 °	38.727629 °	
			-121.742496 °	-121.742496 °	
DWR ID	DWR_ST0001_02_f_2015_24				
Comment Code					
DE : Debris					
Inspector Comment					
Pipes in the area have been removed.					

No Photos

LM Start	4.69	Rating **	M	Issue No.	14
LM End	4.80	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.727588 °	38.727158 °	
			-121.742387 °	-121.740499 °	
DWR ID	DWR_ST0001_02_s_2016_14				
Comment Code					
DT : Ditch					
Inspector Comment					

No Photos

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

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	03/29/2016 03/29/2016	Jai Lor

LM Start	4.74	Rating **	M	Issue No.	15
LM End	9.04	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.727396 °	38.683694 °	
			-121.741453 °	-121.713718 °	
DWR ID	DWR_ST0001_02_s_2016_15				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	4.89	Rating **	M	Issue No.	17
LM End	9.57	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.726834 °	38.678204 °	
			-121.738741 °	-121.708225 °	
DWR ID	DWR_ST0001_02_s_2016_17				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	5.33	Rating **	A/W	Issue No.	13
LM End	5.37	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2015 USACE Erosion Survey, DRAFT		38.722933 °	38.723467 °	
			-121.760561 °	-121.760436 °	
DWR ID	DWR_ST0001_02_s_2016_13				
Comment Code					
Inspector Comment					
2009 - Erosion into the levee slope. 2010 - Minor new erosion. 2011 - New erosion and a freshly fallen tree. 2012 - New animal holes and slightly steeper slopes. 2013 - New tree popout and 2 feet of erosion along the top bank. 2015: No observed changes. [2015 Site ID: CHC_5-4_L]					

Photo 1 of 1 : SP_2016_ST0001_260_13_20160304_00012.jpg



USACE 2013 Photo #1

* Location LS : Land Side 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**

Unit Cover Sheet

Spring 2016 Levee Inspection Results

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles
Unit No. 04 East Training Levee of Cache Creek Settling Basin	Left	2.26

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/30/2016 - 3/30/2016			
DWR Inspector	Jai Lor			
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 East Training Levee of Cache Creek Settling Basin	Left	2.26	03/30/2016 03/30/2016	Jai Lor

LM Start	0.00	Rating **	M	Issue No.	1
LM End	2.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.727196°	38.695490°	
			-121.718264°	-121.715930°	
DWR ID	DWR_ST0001_04_s_2016_1				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Both sides of the levee are waterward side. This side is on the Cache Creek side.					

Photo 1 of 1 : SP_2016_ST0001_261_1_20160411_00001.jpg



View of the vegetation on the slope of the levee looking upstream. Spring 2016.

LM Start	0.02	Rating **	M	Issue No.	2
LM End	2.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.727022°	38.695490°	
			-121.717916°	-121.715930°	
DWR ID	DWR_ST0001_04_s_2016_2				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
This side is on the Cache Creek Settling Basin.					

Photo 1 of 1 : SP_2016_ST0001_261_2_20160411_00002.jpg



View of the vegetation on the slope of the levee looking upstream. Spring 2016.

* 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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