

**Flood Control Project Maintenance
Levee Inspections**

Fall 2015 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

ST0001	Overall LMA Rating	Total LMA Miles	* Overall LMA Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall LMA Rating is M instead of A.					
Sacramento Maintenance Yard Cache Creek	M *	25.43						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.20		0.20	0.79%	0.30			
Trim / Thin Trees	0.01		0.01	0.04%				
Encroachments	0.06		0.06	0.24%	1.06			
Animal Control	0.09		0.09	0.35%				
Slope Stability	0.04		0.04	0.16%				
<i>Supplemental</i>								
2015 USACE Erosion Survey, DRAFT	0.24	0.04	0.40	1.57%				
DWR UCIP Field Study					0.06	0.01		
<i>LMA Totals:</i>	0.64	0.04	0.80	3.15% *	1.42	0.01	0.00	0.00
Unit No. 01 North Levee LB	Overall Unit Rating	Total Unit Miles	* Overall Unit Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall Unit Rating is M instead of A.					
ST0001	M *	11.69						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.20		0.20	1.71%	0.20			
Trim / Thin Trees	0.01		0.01	0.09%				
Encroachments	0.05		0.05	0.43%	0.99			
Animal Control	0.07		0.07	0.60%				
Slope Stability	0.02		0.02	0.17%				
<i>Supplemental</i>								
2015 USACE Erosion Survey, DRAFT	0.13	0.04	0.29	2.48%				
DWR UCIP Field Study					0.06	0.01		
<i>Unit Totals:</i>	0.48	0.04	0.64	5.47% *	1.25	0.01	0.00	0.00
Unit No. 02 South Levee RB	Overall Unit Rating	Total Unit Miles						
ST0001	A	11.48						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation					0.10			
Encroachments	0.01		0.01	0.09%	0.07			
Animal Control	0.02		0.02	0.17%				
Slope Stability	0.02		0.02	0.17%				
<i>Supplemental</i>								
2015 USACE Erosion Survey, DRAFT	0.11		0.11	0.96%				
<i>Unit Totals:</i>	0.16	0.00	0.16	1.39%	0.17	0.00	0.00	0.00
Unit No. 04 East Training Levee of Cache Creek Settling Basin LB	Overall Unit Rating	Total Unit Miles						
ST0001	A	2.26						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
No Items								
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%				

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2015 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)			M	

** 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

Fall 2015 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)			M	
Date of Inspection	04/09/2015 - 04/09/2015		10/07/2015 - 10/08/2015	
DWR Inspector	Jai Lor		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 - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/07/2015 10/08/2015	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				
Action/Comments					
Inspector Comments: 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
					o		o
DWR ID	DWR_ST0001_01_s _ 2013_5						
Action/Comments							
Inspector Comments: 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				°	
					°	
DWR ID	DWR_ST0001_01_s _ 2013_21					
Action/Comments						
Inspector Comments: 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 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/07/2015 10/08/2015	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				
Action/Comments					
Ditch					
Inspector Comments: Ditch is located at the levee toe.					

Photo 1 of 1 : FA_2015_ST0001_259_48_20151012_00080.jpg



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

LM Start	0.19	Rating **	M	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				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

No Photos

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				
Action/Comments					
Ditch					
Inspector Comments: Ditch is located at the toe levee.					

Photo 1 of 1 : FA_2015_ST0001_259_47_20151012_00079.jpg



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

* 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**

Levee Inspection Report By Mile - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/07/2015 10/08/2015	Jai Lor

LM Start	1.33	Rating **	M	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				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

Photo 1 of 1 : FA_2015_ST0001_259_63_20151012_00078.jpg



View of the potholes created by vehicles on the landward side of the levee looking upstream. Fall 2015.

LM Start	1.37	Rating **	M	Issue No.	67
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					
Action/Comments					
Inspector Comments: FS_ID:46679					
DS_ID:16270					
EP_NO: 6790					
FS_HLM: 1.364					
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: 10/05/2015					

Photo 1 of 3 : UCIP_FA_2015_3832.jpg



Landside view: no gasline marker

* 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**

Levee Inspection Report By Mile - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/07/2015 10/08/2015	Jai Lor

LM Start	1.37	Rating **	M	Issue No.	67 (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					

Action/Comments

Inspector Comments: FS_ID:46679
 DS_ID:16270
 EP_NO: 6790
 FS_HLM: 1.364
 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: 10/05/2015

LM Start	1.37	Rating **	M	Issue No.	67 (cont)
LM End	1.37	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_FA_2015_3833.jpg



Waterside view: closer look at gasline marker

Photo 3 of 3 : UCIP_FA_2015_3834.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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/07/2015 10/08/2015	Jai Lor

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				
Action/Comments					
Landscaping					

Photo 1 of 2 : FA_2015_ST0001_259_3_20150914_00002.jpg



The landscape needs to be trimmed up. Spring 2014

Photo 2 of 2 : FA_2015_ST0001_259_3_20151012_00076.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				
Action/Comments					
Building					

Photo 1 of 1 : FA_2015_ST0001_259_4_20150914_00003.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 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/07/2015 10/08/2015	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				
Action/Comments					
Landscaping					
Inspector Comments: Cactus at the toe of the levee.					

Photo 1 of 1 : FA_2015_ST0001_259_28_20150914_00023.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				
Action/Comments					
Landscaping					
Inspector Comments: Catus on the waterside berm.					

Photo 1 of 1 : FA_2015_ST0001_259_6_20151012_00075.jpg



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

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				
Action/Comments					
Landscaping					

Photo 1 of 2 : FA_2015_ST0001_259_7_20150914_00006.jpg



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

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/07/2015 10/08/2015	Jai Lor

LM Start	1.98	Rating **	M	Issue No.	7 (cont)
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				
Action/Comments					
Landscaping					

Photo 2 of 2 : FA_2015_ST0001_259_7_20151012_00074.jpg



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

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				
Action/Comments					
Building					

Photo 1 of 1 : FA_2015_ST0001_259_8_20151012_00073.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				
Action/Comments					
Building					

Photo 1 of 1 : FA_2015_ST0001_259_9_20151012_00072.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 - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/07/2015 10/08/2015	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				
Action/Comments					
Building					

Photo 1 of 1 : FA_2015_ST0001_259_10_20151012_00071.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				
Action/Comments					
Building					

Photo 1 of 1 : FA_2015_ST0001_259_11_20151012_00070.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 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/07/2015 10/08/2015	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				
Action/Comments					
Building					

Photo 1 of 1 : FA_2015_ST0001_259_13_20151012_00069.jpg



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

LM Start	2.09	Rating **	M	Issue No.	68
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					
Action/Comments					
Inspector Comments: FS_ID:46680 DS_ID:16269 EP_NO: 13077A FS_HLM: 2.084 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: 10/05/2015					

Photo 1 of 2 : UCIP_FA_2015_3998.jpg



Waterside view: inside the control box

* 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 - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/07/2015 10/08/2015	Jai Lor

LM Start	2.09	Rating **	M	Issue No.	68 (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					

Action/Comments

Inspector Comments: FS_ID:46680
DS_ID:16269
EP_NO: 13077A
FS_HLM: 2.084
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: 10/05/2015

Photo 2 of 2 : UCIP_FA_2015_3999.jpg



Waterside view: a concrete control box with slide gate

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				

Action/Comments

Building

Photo 1 of 1 : FA_2015_ST0001_259_12_20151012_00068.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		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/07/2015 10/08/2015	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				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA_2015_ST0001_259_14_20151012_00067.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				
Action/Comments					
Fence					

Photo 1 of 1 : FA_2015_ST0001_259_15_20151012_00066.jpg



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

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				
Action/Comments					
Building					

Photo 1 of 2 : FA_2015_ST0001_259_16_20150914_00015.jpg



Horse barn and corral are within the easement 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 - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/07/2015 10/08/2015	Jai Lor

LM Start	2.17	Rating **	M	Issue No.	16 (cont)
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				
Action/Comments					
Building					

Photo 2 of 2 : FA_2015_ST0001_259_16_20151012_00065.jpg



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

LM Start	2.26	Rating **	M	Issue No.	69
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					
Action/Comments					
Inspector Comments: FS_ID:46681 DS_ID:16268 EP_NO: 2415 FS_HLM: 2.257 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: 10/05/2015					

Photo 1 of 2 : UCIP_FA_2015_3835.jpg



Landside view: gasline 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 - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/07/2015 10/08/2015	Jai Lor

LM Start	2.26	Rating **	M	Issue No.	69 (cont)
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					
Action/Comments					
Inspector Comments: FS_ID:46681 DS_ID:16268 EP_NO: 2415 FS_HLM: 2.257 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: 10/05/2015					

Photo 2 of 2 : UCIP_FA_2015_3836.jpg



Waterside view: no indicators found

LM Start	2.57	Rating **	U	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					
Action/Comments					
Inspector Comments: 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 : USACE2013A_CHC_2-4_L_2.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				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/07/2015 10/08/2015	Jai Lor

LM Start	2.67	Rating **	M	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				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	2.68	Rating **	M	Issue No.	19
LM End	2.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.733080 °	38.733492 °
				-121.796013 °	-121.795293 °
DWR ID	DWR_ST0001_01_s_2012_19				
Action/Comments					
Equipment					

Photo 1 of 2 : FA_2015_ST0001_259_19_20150914_00017.jpg



The equipment is stored at the toe of the levee. Fall 2011

Photo 2 of 2 : FA_2015_ST0001_259_19_20150914_00018.jpg



Equipment and parts stacked along the levee toe and slope. Spring 2014

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/07/2015 10/08/2015	Jai Lor

LM Start	2.68	Rating **	M	Issue No.	20
LM End	2.68	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.733132 °	38.733132
				-121.795890 °	-121.795890
DWR ID	DWR_ST0001_01_s_2012_20				
Action/Comments					
Building					

Photo 1 of 2 : FA_2015_ST0001_259_20_20150914_00019.jpg



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

Photo 2 of 2 : FA_2015_ST0001_259_20_20151012_00064.jpg



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

LM Start	2.82	Rating **	M	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					
Action/Comments					
Inspector Comments: 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 : USACE2013A_CHC_2-8_L_2.jpg



USACE 2013 Photo #1

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/07/2015 10/08/2015	Jai Lor

LM Start	2.87	Rating **	C	Issue No.	45
LM End	2.87	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.734223 °	38.734223 °
				-121.792785 °	-121.792785 °
DWR ID	DWR_ST0001_01_s_2015_45				
Action/Comments					
Prunings					

No Photos

LM Start	3.10	Rating **	M	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				
Action/Comments					
Prunings					

Photo 1 of 1 : FA_2015_ST0001_259_53_20151012_00063.jpg



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

LM Start	3.21	Rating **	C	Issue No.	44
LM End	3.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.735165 °	38.735165 °
				-121.786773 °	-121.786773 °
DWR ID	DWR_ST0001_01_s_2015_44				
Action/Comments					
Trim trees to at least five feet above ground level.					

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 - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/07/2015 10/08/2015	Jai Lor

LM Start	3.48	Rating **	M	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					
Action/Comments					
Inspector Comments: 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 : USACE2013A_CHC_3-4_L_6.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				
Action/Comments					
Equipment					

Photo 1 of 1 : FA_2015_ST0001_259_62_20151012_00062.jpg



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

LM Start	3.66	Rating **	M	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				
Action/Comments					
Prunings					

Photo 1 of 1 : FA_2015_ST0001_259_43_20151012_00061.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 - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/07/2015 10/08/2015	Jai Lor

LM Start	3.84	Rating **	M	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				
Action/Comments					
Prunings					

Photo 1 of 1 : FA_2015_ST0001_259_42_20151012_00060.jpg



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

LM Start	3.88	Rating **	C	Issue No.	30
LM End	3.96	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.728165 °	38.727600 °
				-121.781673 °	-121.780359 °
DWR ID					
Action/Comments					
Inspector Comments: Site identified as CRITICAL in 2006. 2006 - Some significant new erosion, especially fresh upper bank slumping. Also have a small piping failure due to recent overbank flows. 2007 - Some new minor upper bank slumps. 2010 - Planned setback levee by CA DWR, 100% design complete, construction planned for 2011. 2011 - Minor new erosion, construction delayed to 2012. 2012 - Minimal new erosion, construction planned for 2013. 2013 - Site repaired by CA Department of Water Resources with a setback levee. 2015: [2015 Site ID: CHC_3-9_L]					

No Photos

LM Start	4.14	Rating **	C	Issue No.	18
LM End	4.29	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.727261 °	38.726903 °
				-121.776921 °	-121.774435 °
DWR ID					
Action/Comments					
Inspector Comments: Site identified as CRITICAL in 2006. 2006 - Some significant new erosion, especially fresh upper bank slumping. Also have a small piping failure due to recent overbank flows. 2010 - New erosion, flood fought in early 2010. Planned setback levee by CA DWR, 100% designs complete, construction planned for 2011. 2011 - Large sections of bank have slumped since the previous year. 2012 - Significant new erosion along top of bank. Construction planned for 2013. 2013 - Site repaired by CA Department of Water Resources with a setback levee. 2015: [2015 Site ID: CHC 4-2 L]					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/07/2015 10/08/2015	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				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA_2015_ST0001_259_27_20151012_00059.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				
Action/Comments					
Prunings					

Photo 1 of 1 : FA_2015_ST0001_259_55_20151012_00058.jpg



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

LM Start	4.47	Rating **	C	Issue No.	36
LM End	4.72	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.725760 °	38.723202 °
				-121.771432 °	-121.768155 °
DWR ID	DWR_ST0001_01_s _ 2015_36				
Action/Comments					
Ditch					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/07/2015 10/08/2015	Jai Lor

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				
Action/Comments					
Pipe					

Photo 1 of 1 : FA_2015_ST0001_259_24_20151012_00057.jpg



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

LM Start	4.81	Rating **	C	Issue No.	32
LM End	4.81	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.722384 °	38.722384 °
				-121.766882 °	-121.766882 °
DWR ID	DWR_ST0001_01_s _ 2013_32				
Action/Comments					
Prunings					

No Photos

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

Levee Inspection Report By Mile - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/07/2015 10/08/2015	Jai Lor

LM Start	4.98	Rating **	M	Issue No.	70
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					
Action/Comments					
Inspector Comments: FS_ID:46685 DS_ID:16265 EP_NO: 7232 FS_HLM: 4.98 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: 10/05/2015					

Photo 1 of 2 : UCIP_FA_2015_5786.jpg



Sign on LS toe.

LM Start	4.98	Rating **	M	Issue No.	70 (cont)
LM End	4.98	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_FA_2015_5787.jpg



Sign on LS toe.

* 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/07/2015 10/08/2015	Jai Lor

LM Start	4.99	Rating **	M	Issue No.	71
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					
Action/Comments					
Inspector Comments: FS_ID:46686					
DS_ID:16756					
EP_NO: 3089					
FS_HLM: 4.98					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					

LM Start	4.99	Rating **	M	Issue No.	71 (cont)
LM End	4.99	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP_FA_2015_5788.jpg



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

Photo 2 of 2 : UCIP_FA_2015_5789.jpg



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

* 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/07/2015 10/08/2015	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				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	5.65	Rating **	M	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				
Action/Comments					
Prunings					

Photo 1 of 1 : FA_2015_ST0001_259_60_20151012_00056.jpg



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

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				
Action/Comments					
Building					

Photo 1 of 1 : FA_2015_ST0001_259_59_20151012_00055.jpg



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

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/07/2015 10/08/2015	Jai Lor

LM Start	5.71	Rating **	A	Issue No.	23
LM End	11.69	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.723660 °	38.698622 °
				-121.755130 °	-121.674202 °
DWR ID	DWR_ST0001_01_f_ 2015_23				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: The LMA has burned and dragged the levee.					

Photo 1 of 1 : FA_2015_ST0001_259_23_20151012_00037.jpg



View of the vegetation on the waterward side of the levee looking upstream taken at levee mile 11.69. Fall 2015.

LM Start	5.74	Rating **	C	Issue No.	34
LM End	5.74	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.723685 °	38.723685 °
				-121.754710 °	-121.754710 °
DWR ID	DWR_ST0001_01_s_ 2015_34				
Action/Comments					
Prunings					

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				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/07/2015 10/08/2015	Jai Lor

LM Start	6.52	Rating **	M	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				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : FA_2015_ST0001_259_52_20151012_00054.jpg



LM Start	6.56	Rating **	A	Issue No.	22
LM End	11.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.728859 °	38.698622 °
				-121.741821 °	-121.674202 °
DWR ID	DWR_ST0001_01_f_2015_22				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: The LMA has burned and dragged the levee.					

Photo 1 of 1 : FA_2015_ST0001_259_22_20151012_00038.jpg



View of the vegetation on the landward side of the levee looking upstream taken at levee mile 11.69. Fall 2015.

LM Start	6.90	Rating **	M	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				
Action/Comments					
Debris					

Photo 1 of 1 : FA_2015_ST0001_259_33_20151012_00052.jpg



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

* 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**

Levee Inspection Report By Mile - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/07/2015 10/08/2015	Jai Lor

LM Start	6.91	Rating **	M	Issue No.	31
LM End	6.99	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.728033 °	38.727807 °
				-121.735378 °	-121.734004 °
DWR ID	DWR_ST0001_01_s_2015_31				
Action/Comments					
Ditch					
Inspector Comments: Ditch is located at the levee toe.					

Photo 1 of 1 : FA_2015_ST0001_259_31_20151012_00053.jpg



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

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				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA_2015_ST0001_259_57_20151012_00050.jpg



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

LM Start	7.25	Rating **	C	Issue No.	41
LM End	7.25	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.727747 °	38.727747 °
				-121.729290 °	-121.729290 °
DWR ID	DWR_ST0001_01_s_2013_41				
Action/Comments					
Prunings					

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 - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/07/2015 10/08/2015	Jai Lor

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				
Action/Comments					
Equipment					

Photo 1 of 2 : FA_2015_ST0001_259_40_20150914_00028.jpg



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

LM Start	7.30	Rating **	M	Issue No.	40 (cont)
LM End	7.34	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA_2015_ST0001_259_40_20151012_00051.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				
Action/Comments					
Building					

Photo 1 of 1 : FA_2015_ST0001_259_39_20150914_00027.jpg



The barn and livestock pens are within the easement 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 - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/07/2015 10/08/2015	Jai Lor

LM Start	7.34	Rating **	M	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				
Action/Comments					
Tree or limb					

Photo 1 of 1 : FA_2015_ST0001_259_56_20151012_00049.jpg



View of the broken tree branches on the waterward side of the levee looking upstream. Fall 2015.

LM Start	7.36	Rating **	M	Issue No.	26
LM End	7.75	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.728188 °	38.728470 °
				-121.727442 °	-121.720812 °
DWR ID	DWR_ST0001_01_s_2015_26				
Action/Comments					
Ditch					
Inspector Comments: Ditch is located at the levee toe.					

Photo 1 of 2 : FA_2015_ST0001_259_26_20150914_00021.jpg



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

LM Start	7.36	Rating **	M	Issue No.	26 (cont)
LM End	7.75	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA_2015_ST0001_259_26_20151012_00047.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 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/07/2015 10/08/2015	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				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA_2015_ST0001_259_54_20151012_00048.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				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

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

Levee Inspection Report By Mile - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/07/2015 10/08/2015	Jai Lor

LM Start	7.89	Rating **	M	Issue No.	72
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					

Action/Comments					
Inspector Comments: FS_ID:46696 DS_ID:16264 EP_NO: 12983 FS_HLM: 7.939 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: 10/05/2015					

LM Start	7.89	Rating **	M	Issue No.	72 (cont)
LM End	7.89	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_FA_2015_3936.jpg



Landside view: no indicator found.

Photo 2 of 2 : UCIP_FA_2015_3937.jpg



Waterside view: gasline indicator

* 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**

Levee Inspection Report By Mile - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/07/2015 10/08/2015	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				
Action/Comments					
Building					

Photo 1 of 1 : FA_2015_ST0001_259_50_20151012_00045.jpg



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

LM Start	7.99	Rating **	M	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				
Action/Comments					
Prunings					

Photo 1 of 1 : FA_2015_ST0001_259_51_20151012_00046.jpg



View of the prunings at the toe of the levee looking upstream. Fall 2015.

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				
Action/Comments					
Prunings					

Photo 1 of 1 : FA_2015_ST0001_259_46_20151012_00044.jpg



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

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/07/2015 10/08/2015	Jai Lor

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				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 2 : FA_2015_ST0001_259_37_20151012_00040.jpg



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

LM Start	9.38	Rating **	M	Issue No.	37 (cont)
LM End	9.38	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2015_ST0001_259_37_20151012_00042.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				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA_2015_ST0001_259_35_20151012_00039.jpg



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

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/07/2015 10/08/2015	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				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	10.75	Rating **	U	Issue No.	73
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					
Action/Comments					
Inspector Comments: FS_ID:46707 DS_ID:17119 EP_NO: N/A FS_HLM: 10.847 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: 10/05/2015					

Photo 1 of 2 : UCIP_FA_2015_3631.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**

Levee Inspection Report By Mile - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/07/2015 10/08/2015	Jai Lor

LM Start	10.75	Rating **	U	Issue No.	73 (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						
Action/Comments						
Inspector Comments: FS_ID:46707						
DS_ID:17119						
EP_NO: N/A						
FS_HLM: 10.847						
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: 10/05/2015						

Photo 2 of 2 : UCIP_FA_2015_3632.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**

Unit Cover Sheet

Fall 2015 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)			A	
Date of Inspection	04/09/2015 - 04/09/2015		10/07/2015 - 10/07/2015	
DWR Inspector	Jai Lor		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 - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	10/07/2015 10/07/2015	Jai Lor

LM Start	0.01	Rating **	A	Issue No.	5
LM End	11.47	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.727240 °	38.678067 °
				-121.806270 °	-121.673114 °
DWR ID	DWR_ST0001_02_f_2015_5				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: LMA has burned and dragged the levee.					

Photo 1 of 1 : FA_2015_ST0001_260_5_20151012_00020.jpg



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

LM Start	0.01	Rating **	A	Issue No.	4
LM End	11.47	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.727243 °	38.678067 °
				-121.806253 °	-121.673114 °
DWR ID	DWR_ST0001_02_f_2015_4				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: LMA has burned and dragged the levee.					

Photo 1 of 1 : FA_2015_ST0001_260_4_20151012_00019.jpg



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

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				
Action/Comments					
Tree stumps.					
Inspector Comments: The stump is located at the levee toe.					

Photo 1 of 1 : FA_2015_ST0001_260_10_20151012_00021.jpg



View of the tree stump at 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 - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	10/07/2015 10/07/2015	Jai Lor

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				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : FA_2015_ST0001_260_6_20150914_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				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	0.69	Rating **	M	Issue No.	1
LM End	0.69	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.732229 °	38.732229 °
				-121.798922 °	-121.798922 °
DWR ID	DWR_ST0001_02_s_2012_1				
Action/Comments					
Debris					

Photo 1 of 1 : FA_2015_ST0001_260_1_20151012_00022.jpg



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

* 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**

Levee Inspection Report By Mile - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	10/07/2015 10/07/2015	Jai Lor

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				
Action/Comments					
Inspector Comments: The erosion is down by the channel and does not appear to be in the levee prism.					

Photo 1 of 2 : FA_2015_ST0001_260_11_20150914_00008.jpg



The view of the erosion from a distance. 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 : FA_2015_ST0001_260_11_20150914_00009.jpg



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

LM Start	1.67	Rating **	M	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				
Action/Comments					
Prunings					

Photo 1 of 1 : FA_2015_ST0001_260_12_20151012_00023.jpg



View of the prunings pile 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 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	10/07/2015 10/07/2015	Jai Lor

LM Start	1.74	Rating **	C	Issue No.	15
LM End	1.74	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.729765 °	38.729765 °
				-121.785397 °	-121.785397 °
DWR ID	DWR_ST0001_02_s_2015_15				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

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				
Action/Comments					
Pipe					
Inspector Comments: A hose is on top of the levee and is slowly causing erosion on the landward side of the levee.					

Photo 1 of 2 : FA_2015_ST0001_260_19_20151012_00025.jpg



View of the hose that goes from the landward side to the waterward side of the levee looking downstream. 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 : FA_2015_ST0001_260_19_20151012_00026.jpg



The erosion is under the hose on 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 - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	10/07/2015 10/07/2015	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				
Action/Comments					
Debris					

Photo 1 of 1 : FA_2015_ST0001_260_3_20151012_00024.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 **	M	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				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

Photo 1 of 1 : FA_2015_ST0001_260_21_20151012_00028.jpg



View of the potholes created from vehicles on the waterward side of the levee looking downstream. Fall 2015.

LM Start	3.07	Rating **	A/W	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				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comments: Suggest monitoring the slopes in the area for slope damage due to vehicle access.					

Photo 1 of 1 : FA_2015_ST0001_260_20_20151012_00027.jpg



View of the slope stability caused by vehicles 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 - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	10/07/2015 10/07/2015	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				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA_2015_ST0001_260_435_20150914_00018.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 **	M	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				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

Photo 1 of 1 : FA_2015_ST0001_260_22_20151012_00029.jpg



View of the potholes created by vehicle access 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 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	10/07/2015 10/07/2015	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					
Action/Comments					
Inspector Comments: 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 : USACE2013A_CHC_3-5_R_7.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				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA_2015_ST0001_260_7_20151012_00030.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				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA_2015_ST0001_260_23_20151012_00033.jpg



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

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	10/07/2015 10/07/2015	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				
Action/Comments					
Building					
Inspector Comments: Building is within the easement of the levee.					

Photo 1 of 1 : FA_2015_ST0001_260_8_20151012_00035.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				
Action/Comments					
Equipment					

Photo 1 of 1 : FA_2015_ST0001_260_26_20151012_00034.jpg



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

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				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA_2015_ST0001_260_9_20151012_00036.jpg



View of the landscaping vegetation 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 - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	10/07/2015 10/07/2015	Jai Lor

LM Start	4.18	Rating **	M	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				
Action/Comments					
Prunings					

Photo 1 of 1 : FA_2015_ST0001_260_18_20150914_00015.jpg



View of the prunings on the landward side of the levee looking downstream. Spring 2015.

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			38.727032 °	38.727032 °
				-121.746070 °	-121.746070 °
DWR ID	DWR_ST0001_02_f _ 2013_27				
Action/Comments					
Building					

Photo 1 of 1 : FA_2015_ST0001_260_27_20151012_00037.jpg



View of the horse corral and building 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 - Fall 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	10/07/2015 10/07/2015	Jai Lor

LM Start	4.68	Rating **	M	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				
Action/Comments					
Debris					

Photo 1 of 1 : FA_2015_ST0001_260_24_20151012_00038.jpg



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

LM Start	5.33	Rating **	M	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					
Action/Comments					
Inspector Comments: 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 : USACE2013A_CHC_5-4_L_2.jpg



USACE 2013 Photo #1

* 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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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2015 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)			A	
Date of Inspection	04/09/2015 - 04/09/2015		10/07/2015 - 10/07/2015	
DWR Inspector	Jai Lor		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 - Fall 2015

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	10/07/2015 10/07/2015	Jai Lor

LM Start	0.00	Rating **	A	Issue No.	2
LM End	2.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.727221 °	38.695528 °
				-121.718294 °	-121.715918 °
DWR ID	DWR_ST0001_04_f_2015_2				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: The LMA has burned and dragged the levee.					

Photo 1 of 1 : FA_2015_ST0001_261_2_20151012_00002.jpg



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

LM Start	0.00	Rating **	A	Issue No.	1
LM End	2.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.727220 °	38.695528 °
				-121.718294 °	-121.715918 °
DWR ID	DWR_ST0001_04_f_2015_1				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: The LMA has burned and dragged the levee.					

Photo 1 of 1 : FA_2015_ST0001_261_1_20151012_00001.jpg



View of the vegetation 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 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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