

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2013 Levee Maintenance Deficiency Summary Report**

**Overall LMA & Unit Ratings, including USACE Erosion Survey**

**Sacramento River Basin**

<b>ST0001</b>	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.					
<b>Sacramento Maintenance Yard Cache Creek</b>	<b>M *</b>	<b>25.52</b>						
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	0.15		0.15	0.59%	0.26			
Encroachments	0.07		0.07	0.27%	0.63			
<i>Supplemental</i>								
USACE Erosion Survey	0.21	0.32	1.49	5.84%				
DWR UCIP Field Study					0.12	0.02		
<i>LMA Totals:</i>	0.43	0.32	1.71	6.70% *	1.01	0.02	0.00	0.00
<b>Unit No. 01 North Levee LB</b>	Overall Unit Rating	Total Unit Miles						
<b>ST0001</b>	<b>M</b>	<b>11.81</b>						
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	0.15		0.15	1.27%	0.17			
Encroachments	0.05		0.05	0.42%	0.57			
<i>Supplemental</i>								
USACE Erosion Survey	0.12	0.32	1.40	11.85%				
DWR UCIP Field Study					0.09	0.02		
<i>Unit Totals:</i>	0.32	0.32	1.60	13.55%	0.83	0.02	0.00	0.00
<b>Unit No. 02 South Levee RB</b>	Overall Unit Rating	Total Unit Miles						
<b>ST0001</b>	<b>A</b>	<b>11.43</b>						
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					0.09			
Encroachments	0.02		0.02	0.18%	0.06			
<i>Supplemental</i>								
USACE Erosion Survey	0.09		0.09	0.79%				
DWR UCIP Field Study					0.03			
<i>Unit Totals:</i>	0.11	0.00	0.11	0.96%	0.18	0.00	0.00	0.00
<b>Unit No. 04 East Training Levee of Cache Creek Settling Basin LB</b>	Overall Unit Rating	Total Unit Miles						
<b>ST0001</b>	<b>A</b>	<b>2.28</b>						
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 2013 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 2013 Levee Inspection Results**

**Sacramento Maintenance Yard Cache Creek**

Waterway			Bank	Unit Miles
Unit No. 01 North Levee			Left	11.81
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			M	
Date of Inspection	-		11/05/2013 - 11/05/2013	
DWR Inspector	John Williamson		John Williamson	
Accompanied By	Ted Skidgel Sacramento Maintenance Yard		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.*

## Sacramento Maintenance Yard Cache Creek

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.81	11/05/2013 11/05/2013	John Williamson

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
16	2.08	2.08	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7902 EP_NO: N/A 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). 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: 11/6/2012	38.732665 ° -121.805604 °	38.732665 ° -121.805604 °	17
DWR ID: DWR_ST0001_01_f_2013_17										
17	2.08	2.08	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:13977 EP_NO: N/A 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). 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: 5/28/2013 3:03:16 PM	38.732665 ° -121.805604 °	38.732665 ° -121.805604 °	22 Y
DWR ID: DWR_ST0001_01_f_2013_22										
18	2.08	2.08	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7900 EP_NO: N/A 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). 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. FS Date: 11/6/2012	38.732665 ° -121.805604 °	38.732665 ° -121.805604 °	23
DWR ID: DWR_ST0001_01_f_2013_23										
19	2.09	2.09	Earthen Levee	Encroachments	LS	M En	BU : Building	38.733000 ° -121.805409 °	38.733000 ° -121.805409 °	12 Y
DWR ID: DWR_ST0001_01_s_2012_12										
20	2.10	2.11	Earthen Levee	Vegetation	LS	M En	V6 : Landscaping	38.733117 ° -121.805367 °	38.733218 ° -121.805263 °	14 Y
DWR ID: DWR_ST0001_01_s_2012_14										
21	2.11	2.13	Earthen Levee	Encroachments	LS	M En	FE : Fence	38.733215 ° -121.805262 °	38.733350 ° -121.805082 °	15 Y
DWR ID: DWR_ST0001_01_s_2012_15										

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>+ Issue Type</b> 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 2013**

**Sacramento Maintenance Yard Cache Creek**

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee				Left	11.81	11/05/2013 11/05/2013	John Williamson

  

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
22	2.15	2.15	Earthen Levee	Encroachments	LS	M En	BU : Building	38.733555 ° -121.804737 °	38.733555 ° -121.804737 °	16 Y
DWR ID: DWR_ST0001_01_s_2012_16										
23	2.15	11.80	Earthen Levee	Vegetation	LS	A Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.733550 ° -121.802160 °	38.698566 ° -121.674277 °	50 Y
DWR ID: DWR_ST0001_01_f_2013_50										
24	2.15	11.80	Earthen Levee	Vegetation	WS	A Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.733550 ° -121.802160 °	38.698566 ° -121.674277 °	51 Y
DWR ID: DWR_ST0001_01_f_2013_51										
25	2.42	2.51	Supplemental	USACE Erosion Survey	WS	U Ma	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: No observed change. [2012 Site ID: CHC_2-4_L]	38.732836 ° -121.797893 °	38.732685 ° -121.797154 °	18 Y
DWR ID:										
26	2.65	2.70	Earthen Levee	Encroachments	LS	M Ma	EQ : Equipment	38.733080 ° -121.796013 °	38.733492 ° -121.795293 °	19 Y
DWR ID: DWR_ST0001_01_s_2012_19										
27	2.66	2.66	Earthen Levee	Encroachments	LS	M En	BU : Building	38.733132 ° -121.795890 °	38.733132 ° -121.795890 °	20 Y
DWR ID: DWR_ST0001_01_s_2012_20										
28	2.79	2.83	Supplemental	USACE Erosion Survey	WS	M Ma	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. 2012: Construction planned for 2013 - 2014. [2012 Site ID: CHC_2-8_L]	38.734067 ° -121.793713 °	38.734171 ° -121.792992 °	25 Y
DWR ID:										
29	2.85	2.85	Earthen Levee	Encroachments	LS	M En	PR : Prunings	38.734222 ° -121.792763 °	38.734222 ° -121.792763 °	52 Y
DWR ID: DWR_ST0001_01_f_2013_52										
30	3.00	3.00	Earthen Levee	Encroachments	LS	C En	PR : Prunings	38.734399 ° -121.789950 °	38.734399 ° -121.789950 °	36 Y
DWR ID: DWR_ST0001_01_s_2013_36										
31	3.07	3.07	Earthen Levee	Encroachments	LS	M En	PR : Prunings	38.734342 ° -121.788718 °	38.734342 ° -121.788718 °	53 Y
DWR ID: DWR_ST0001_01_f_2013_53										
32	3.48	3.56	Supplemental	USACE Erosion Survey	WS	M Ma	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. 2012: Construction planned for 2013 - 2014. [2012 Site ID: CHC_3-4_L]	38.732942 ° -121.784965 °	38.731626 ° -121.785231 °	30 Y
DWR ID:										

**\* 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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Sacramento Maintenance Yard Cache Creek**

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee				Left	11.81	11/05/2013 11/05/2013	John Williamson

  

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
33	3.61	3.61	Earthen Levee	Encroachments	LS	M En	PR : Prunings	38.730687 ° -121.784833 °	38.730687 ° -121.784833 °	54 Y
DWR ID: DWR_ST0001_01_f_2013_54										
34	3.83	3.83	Earthen Levee	Encroachments	LS	C En	PR : Prunings	38.728506 ° -121.782025 °	38.728506 ° -121.782025 °	38 Y
DWR ID: DWR_ST0001_01_s_2013_38										
35	3.87	3.96	Supplemental	USACE Erosion Survey	WS	U Ma	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 - 2014. [2012 Site ID: CHC_3-9_L]	38.728165 ° -121.781673 °	38.727600 ° -121.780359 °	33 Y
DWR ID:										
36	4.14	4.28	Supplemental	USACE Erosion Survey	WS	U Ma	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 - 2014. [2012 Site ID: CHC_4-2_L]	38.727261 ° -121.776921 °	38.726903 ° -121.774435 °	34 Y
DWR ID:										
37	4.27	4.42	Earthen Levee	Vegetation	LS	M Ma	V6 : Landscaping	38.727047 ° -121.774413 °	38.726113 ° -121.771929 °	27 Y
DWR ID: DWR_ST0001_01_s_2012_27										
38	4.32	4.32	Earthen Levee	Encroachments	LS	M En	PR : Prunings	38.726785 ° -121.773538 °	38.726785 ° -121.773538 °	55 Y
DWR ID: DWR_ST0001_01_f_2013_55										
39	4.76	4.76	Earthen Levee	Encroachments	LS	M En	PI : Pipe	38.722590 ° -121.767294 °	38.722590 ° -121.767294 °	24 Y
DWR ID: DWR_ST0001_01_s_2012_24										
40	4.80	4.80	Earthen Levee	Encroachments	LS	M En	PR : Prunings	38.722384 ° -121.766882 °	38.722384 ° -121.766882 °	32 Y
DWR ID: DWR_ST0001_01_s_2013_32										
41	5.65	5.65	Earthen Levee	Encroachments	LS	M En	PR : Prunings	38.724102 ° -121.756090 °	38.724102 ° -121.756090 °	56 Y
DWR ID: DWR_ST0001_01_f_2013_56										

**\* 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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.81	11/05/2013 11/05/2013	John Williamson

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
42	5.73	5.73	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7912 EP_NO: 18033 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe is closed on both ends. Pipe seems to be connect with existing pump when required. Otherwise pipe is also connected with a well according to operators met during field survey. Dense vegetation on waterside of the levee. FIELD_STRUCT_DESC: A 12-inch diameter steel irrigation pipe through the left (north) bank levee, and a pumping plant on the landside of the levee. A concrete standpipe on the landside of the levee. A damaged head wall found on waterside of the levee. Application No. 18033 and As-built drawing not available/found. FS Date: 11/6/2012	38.723680 ° -121.755010 °	38.723680 ° -121.755010 °	26
DWR ID: DWR_ST0001_01_f_2013_26										
43	5.73	5.73	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8021 EP_NO: 18033 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe is closed on both ends. Pipe seems to be connect with existing pump when required. Otherwise pipe is also connected with a well according to operators met during field survey. Dense vegetation on waterside of the levee. Damaged headwall on WS. FIELD_STRUCT_DESC: A 12-inch diameter steel irrigation pipe through the left (north) bank levee, and a pumping plant on the landside of the levee. A concrete standpipe on the landside of the levee. A damaged head wall found on waterside of the levee. Application No. 18033 and As-built drawing not available/found. FS Date: 11/6/2012	38.723680 ° -121.755010 °	38.723680 ° -121.755010 °	29 Y
DWR ID: DWR_ST0001_01_f_2013_29										
44	5.73	5.73	Earthen Levee	Encroachments	LS	C En	PR : Prunings	38.723668 ° -121.755001 °	38.723668 ° -121.755001 °	44
DWR ID: DWR_ST0001_01_f_2012_44										
45	6.31	6.31	Earthen Levee	Encroachments	LS	M En	TA : Tank Inspector Comments: Filter tanks, concrete slab, fertilizer tanks, and pipe through levee. No permit for pipe.	38.728084 ° -121.746597 °	38.728084 ° -121.746597 °	31 Y
DWR ID: DWR_ST0001_01_s_2012_31										
46	6.94	7.24	Earthen Levee	Encroachments	LS	M En	DT : Ditch	38.728067 ° -121.735348 °	38.727508 ° -121.730153 °	37 Y
DWR ID: DWR_ST0001_01_s_2012_37										
47	7.29	7.29	Earthen Levee	Encroachments	LS	M En	PR : Prunings	38.727747 ° -121.729290 °	38.727747 ° -121.729290 °	41 Y
DWR ID: DWR_ST0001_01_s_2013_41										
48	7.33	7.38	Earthen Levee	Encroachments	LS	M En	EQ : Equipment	38.727878 ° -121.728553 °	38.728085 ° -121.727740 °	40 Y
DWR ID: DWR_ST0001_01_s_2012_40										

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



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.81	11/05/2013 11/05/2013	John Williamson

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
49	7.33	7.33	Earthen Levee	Encroachments	LS	M En	BU : Building	38.727870 ° -121.728527 °	38.727870 ° -121.728527 °	39 Y
DWR ID: DWR_ST0001_01_s_2012_39										
50	7.39	7.39	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7926 EP_NO: 16810 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipes are capped on both ends. One of the pipes is not capped on. FIELD_STRUCT_DESC: 2 of 2. A 14-inch-diameter steel pipeline and a 100 hp mobile pumping plant on the waterside slope and through the left bank levee of Cache Creek. Application No. 16810 FS Date: 11/6/2012	38.728155 ° -121.727539 °	38.728155 ° -121.727539 °	35 Y
DWR ID: DWR_ST0001_01_f_2013_35										
51	9.40	9.40	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7957 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: A damaged release valve found on landside shoulder of the levee. FIELD_STRUCT_DESC: 18" Steel pipe (soil proofed steel pipe with 0.25 inch thickness) FS Date: 11/6/2012	38.720077 ° -121.697274 °	38.720077 ° -121.697274 °	42 Y
DWR ID: DWR_ST0001_01_f_2013_42										
52	10.34	10.34	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7958 EP_NO: 13034A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Landside pipe is half filled with mud/soil. FIELD_STRUCT_DESC: A 48 inch reinforced concrete drainage pipe culvert through levee, waterside headwall, slide gate, And walkway. FS Date: 11/6/2012	38.706905 ° -121.697174 °	38.706905 ° -121.697174 °	45 Y
DWR ID: DWR_ST0001_01_f_2013_45										
53	10.85	10.85	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:7960 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. FIELD_STRUCT_DESC: A 18-inch soil proofed Steel Pipe 0.25" thick. FS Date: 11/6/2012	38.701814 ° -121.690832 °	38.701814 ° -121.690832 °	46 Y
DWR ID: DWR_ST0001_01_f_2013_46										

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

**Levee Inspection Report By Mile - Fall 2013**

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.81	11/05/2013 11/05/2013	John Williamson

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
54	10.85	10.85	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:13984 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe leaks, severe erosion from levee shoulder to pipe daylight on landside levee slope. FIELD_STRUCT_DESC: A 18-inch soil proofed Steel Pipe 0.25" thick. FS Date: 5/28/2013 3:22:00 PM	38.701814 ° -121.690832 °	38.701814 ° -121.690832 °	47 Y
DWR ID: DWR_ST0001_01_f_2013_47										
55	10.85	10.85	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:13983 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. FIELD_STRUCT_DESC: A 18-inch soil proofed Steel Pipe 0.25" thick. FS Date: 5/28/2013 3:22:50 PM	38.701814 ° -121.690832 °	38.701814 ° -121.690832 °	48
DWR ID: DWR_ST0001_01_f_2013_48										

**\* 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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.81	11/05/2013 11/05/2013	John Williamson

Levee Mile Report Line	4
Start Levee Mile	0.18
End Levee Mile	1.63
Location	Land Side
Category	Earthen Levee
Item	Vegetation

The levee has no unwanted vegetation on it. Fall 2013

johngw\_f\_20131112\_288.JPG



Levee Mile Report Line	5
Start Levee Mile	0.18
End Levee Mile	1.63
Location	Water Side
Category	Earthen Levee
Item	Vegetation

The levee has no unwanted vegetation on it. Fall 2013

johngw\_f\_20131112\_289.JPG



Levee Mile Report Line	6
Start Levee Mile	1.83
End Levee Mile	1.83
Location	Land Side
Category	Earthen Levee
Item	Encroachments

The owner has a lot of building material stored within the easement. Fall 2011

johngw\_f\_20131021\_756.jpg



**\* 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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.81	11/05/2013 11/05/2013	John Williamson

Levee Mile Report Line	6
Start Levee Mile	1.83
End Levee Mile	1.83
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Building materials stacked along landside toe. Fall 2012	
johngw_f_20131021_757.jpg	



Levee Mile Report Line	7
Start Levee Mile	1.86
End Levee Mile	1.96
Location	Land Side
Category	Earthen Levee
Item	Vegetation
The landscape vegetation needs to be trimmed for visibility of the levee slope. Fall 2011	
johngw_f_20131021_758.jpg	



Levee Mile Report Line	8
Start Levee Mile	1.91
End Levee Mile	1.91
Location	Land Side
Category	Earthen Levee
Item	Encroachments
The building backs up to the landside levee toe of the levee.	
johngw_f_20131021_759.jpg	



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

**Levee Inspection Report By Mile - Fall 2013**

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.81	11/05/2013 11/05/2013	John Williamson

Levee Mile Report Line	9
Start Levee Mile	1.96
End Levee Mile	1.99
Location	Water Side
Category	Earthen Levee
Item	Vegetation

A cactus garden is planted on the waterside of the levee. There is some planted on the landside also.

johngw\_f\_20131021\_760.jpg



Levee Mile Report Line	10
Start Levee Mile	1.96
End Levee Mile	1.99
Location	Land Side
Category	Earthen Levee
Item	Vegetation

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

johngw\_f\_20131021\_761.jpg



Levee Mile Report Line	11
Start Levee Mile	1.98
End Levee Mile	1.98
Location	Land Side
Category	Earthen Levee
Item	Encroachments

The building is in the easement of the levee. Cactus is planted at the toe obstructs visibility.

johngw\_f\_20131021\_762.jpg



**\* Location**

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**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.81	11/05/2013 11/05/2013	John Williamson

Levee Mile Report Line	12
Start Levee Mile	2.01
End Levee Mile	2.01
Location	Land Side
Category	Earthen Levee
Item	Encroachments

A photo looking downstream of homes in the town of Yolo.

johngw\_f\_20131021\_763.jpg



Levee Mile Report Line	13
Start Levee Mile	2.03
End Levee Mile	2.03
Location	Land Side
Category	Earthen Levee
Item	Encroachments

The house is in the easement of the levee toe. Fall 2011

johngw\_f\_20131021\_764.jpg



Levee Mile Report Line	14
Start Levee Mile	2.04
End Levee Mile	2.04
Location	Land Side
Category	Earthen Levee
Item	Encroachments

The building is in the easement of the levee. Fall 2011

johngw\_f\_20131021\_765.jpg



**\* Location**

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**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.81	11/05/2013 11/05/2013	John Williamson

Levee Mile Report Line	15
Start Levee Mile	2.06
End Levee Mile	2.06
Location	Land Side
Category	Earthen Levee
Item	Encroachments

The building is in the easement of the levee. Fall 2011

johngw\_f\_20131021\_767.jpg



Levee Mile Report Line	17
Start Levee Mile	2.08
End Levee Mile	2.08
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

Waterside view: a concrete control box with slide gate

UCIP\_7490.jpg



Levee Mile Report Line	19
Start Levee Mile	2.09
End Levee Mile	2.09
Location	Land Side
Category	Earthen Levee
Item	Encroachments

The building is in the easement of the levee.

johngw\_f\_20131021\_766.jpg



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

**Levee Inspection Report By Mile - Fall 2013**

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.81	11/05/2013 11/05/2013	John Williamson

Levee Mile Report Line	20
Start Levee Mile	2.10
End Levee Mile	2.11
Location	Land Side
Category	Earthen Levee
Item	Vegetation

The shrubs block visibility of the levee slope. Fall 2011

johngw\_f\_20131021\_768.jpg



Levee Mile Report Line	21
Start Levee Mile	2.11
End Levee Mile	2.13
Location	Land Side
Category	Earthen Levee
Item	Encroachments

The fence blocks the visibility of the levee. Fall 2011

johngw\_f\_20131021\_769.jpg



Levee Mile Report Line	22
Start Levee Mile	2.15
End Levee Mile	2.15
Location	Land Side
Category	Earthen Levee
Item	Encroachments

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

johngw\_f\_20131021\_770.jpg



**\* Location**

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A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

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Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.81	11/05/2013 11/05/2013	John Williamson

Levee Mile Report Line	23
Start Levee Mile	2.15
End Levee Mile	11.80
Location	Land Side
Category	Earthen Levee
Item	Vegetation

The levee has no unwanted vegetation on the slopes. Fall 2013

johngw\_f\_20131112\_291.JPG



Levee Mile Report Line	24
Start Levee Mile	2.15
End Levee Mile	11.80
Location	Water Side
Category	Earthen Levee
Item	Vegetation

The levee has no unwanted vegetation on the slope. Fall 2013

johngw\_f\_20131112\_292.JPG



Levee Mile Report Line	25
Start Levee Mile	2.42
End Levee Mile	2.51
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

USACE2013\_CHC\_2-4\_L\_1.jpg



**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
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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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.81	11/05/2013 11/05/2013	John Williamson

Levee Mile Report Line	25
Start Levee Mile	2.42
End Levee Mile	2.51
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

USACE2013\_CHC\_2-4\_L\_2.jpg



Levee Mile Report Line	26
Start Levee Mile	2.65
End Levee Mile	2.70
Location	Land Side
Category	Earthen Levee
Item	Encroachments

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

johngw\_f\_20131021\_773.jpg



Levee Mile Report Line	27
Start Levee Mile	2.66
End Levee Mile	2.66
Location	Land Side
Category	Earthen Levee
Item	Encroachments

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

johngw\_f\_20131021\_774.jpg



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

**Levee Inspection Report By Mile - Fall 2013**

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.81	11/05/2013 11/05/2013	John Williamson

Levee Mile Report Line	28
Start Levee Mile	2.79
End Levee Mile	2.83
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

USACE2013\_CHC\_2-8\_L\_1.jpg



Levee Mile Report Line	28
Start Levee Mile	2.79
End Levee Mile	2.83
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

USACE2013\_CHC\_2-8\_L\_2.jpg



Levee Mile Report Line	29
Start Levee Mile	2.85
End Levee Mile	2.85
Location	Land Side
Category	Earthen Levee
Item	Encroachments

The pruning pile is at the toe of the levee. Fall 2013

johngw\_f\_20131112\_293.JPG



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

**Levee Inspection Report By Mile - Fall 2013**

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.81	11/05/2013 11/05/2013	John Williamson

Levee Mile Report Line	31
Start Levee Mile	3.07
End Levee Mile	3.07
Location	Land Side
Category	Earthen Levee
Item	Encroachments

A pruning pile with some furniture is at the toe of the levee. Fall 2013

johngw\_f\_20131112\_294.JPG



Levee Mile Report Line	32
Start Levee Mile	3.48
End Levee Mile	3.56
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

USACE2013\_CHC\_3-4\_L\_1.jpg



Levee Mile Report Line	32
Start Levee Mile	3.48
End Levee Mile	3.56
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

USACE2013\_CHC\_3-4\_L\_2.jpg



**\* Location**

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WS : Water Side  
CR : Crown

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**+ Issue Type**

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En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.81	11/05/2013 11/05/2013	John Williamson

Levee Mile Report Line	33
Start Levee Mile	3.61
End Levee Mile	3.61
Location	Land Side
Category	Earthen Levee
Item	Encroachments

The pruning pile with tree stumps is at the toe of the levee. Fall 2013

johngw\_f\_20131112\_295.JPG



Levee Mile Report Line	35
Start Levee Mile	3.87
End Levee Mile	3.96
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

USACE2013\_CHC\_3-9\_L\_1.jpg



Levee Mile Report Line	35
Start Levee Mile	3.87
End Levee Mile	3.96
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

USACE2013\_CHC\_3-9\_L\_2.jpg



**\* 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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.81	11/05/2013 11/05/2013	John Williamson

Levee Mile Report Line	36
Start Levee Mile	4.14
End Levee Mile	4.28
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

USACE2013\_CHC\_4-2\_L\_1.jpg



Levee Mile Report Line	36
Start Levee Mile	4.14
End Levee Mile	4.28
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

USACE2013\_CHC\_4-2\_L\_2.jpg



Levee Mile Report Line	36
Start Levee Mile	4.14
End Levee Mile	4.28
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #3

USACE2013\_CHC\_4-2\_L\_3.jpg



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

**Levee Inspection Report By Mile - Fall 2013**

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.81	11/05/2013 11/05/2013	John Williamson

Levee Mile Report Line	37
Start Levee Mile	4.27
End Levee Mile	4.42
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Landscape trees are planted along the levee to and on the slope. Some of the trees are trimmed up for visibility. Fall 2011

johngw\_f\_20131021\_778.jpg



Levee Mile Report Line	38
Start Levee Mile	4.32
End Levee Mile	4.32
Location	Land Side
Category	Earthen Levee
Item	Encroachments

The pruning pile is at the toe of the levee. Fall 2013

johngw\_f\_20131112\_296.JPG



Levee Mile Report Line	39
Start Levee Mile	4.76
End Levee Mile	4.76
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Aluminum irrigation pipe is placed along the landside levee toe.

johngw\_f\_20131021\_775.jpg



**\* Location**

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WS : Water Side  
CR : Crown

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**+ Issue Type**

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Ob : Design & System Obsolescence  
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.81	11/05/2013 11/05/2013	John Williamson

Levee Mile Report Line	40
Start Levee Mile	4.80
End Levee Mile	4.80
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Pruning's and root balls at the toe of the levee. Spring 2013	
johngw_f_20131021_782.JPG	



Levee Mile Report Line	41
Start Levee Mile	5.65
End Levee Mile	5.65
Location	Land Side
Category	Earthen Levee
Item	Encroachments
A large pruning pile is at the toe of the levee. Fall 2013	
johngw_f_20131112_297.JPG	



Levee Mile Report Line	43
Start Levee Mile	5.73
End Levee Mile	5.73
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
Landside view: pumping plant	
UCIP_3753.jpg	



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

**Levee Inspection Report By Mile - Fall 2013**

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.81	11/05/2013 11/05/2013	John Williamson

Levee Mile Report Line	45
Start Levee Mile	6.31
End Levee Mile	6.31
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Pipe through levee, filter, and fertilizer tanks are within the easement of the levee.	
johngw_f_20131021_781.jpg	



Levee Mile Report Line	46
Start Levee Mile	6.94
End Levee Mile	7.24
Location	Land Side
Category	Earthen Levee
Item	Encroachments
The farmer cuts an ag-ditch along the landside toe, photo taken spring 2012.	
johngw_f_20131021_789.jpg	



Levee Mile Report Line	46
Start Levee Mile	6.94
End Levee Mile	7.24
Location	Land Side
Category	Earthen Levee
Item	Encroachments
The farmer continues to v-ditch the toe of the levee. Spring 2013	
johngw_f_20131021_790.JPG	



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

**Levee Inspection Report By Mile - Fall 2013**

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.81	11/05/2013 11/05/2013	John Williamson

Levee Mile Report Line	47
Start Levee Mile	7.29
End Levee Mile	7.29
Location	Land Side
Category	Earthen Levee
Item	Encroachments

A pruning pile is at the toe of the levee. Fall 2013

johngw\_f\_20131112\_298.JPG



Levee Mile Report Line	48
Start Levee Mile	7.33
End Levee Mile	7.38
Location	Land Side
Category	Earthen Levee
Item	Encroachments

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

johngw\_f\_20131021\_793.jpg



Levee Mile Report Line	49
Start Levee Mile	7.33
End Levee Mile	7.33
Location	Land Side
Category	Earthen Levee
Item	Encroachments

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

johngw\_f\_20131021\_792.jpg



**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

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U : Unacceptable  
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C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.81	11/05/2013 11/05/2013	John Williamson

Levee Mile Report Line	50
Start Levee Mile	7.39
End Levee Mile	7.39
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

Landside view: overview of the pipes

UCIP\_3530.jpg



Levee Mile Report Line	51
Start Levee Mile	9.40
End Levee Mile	9.40
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

Waterside view: steel pipe on waterside slope of the levee

UCIP\_3617.jpg



Levee Mile Report Line	52
Start Levee Mile	10.34
End Levee Mile	10.34
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

Waterside view: overview of gate structure

UCIP\_3624.jpg



**\* Location**

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WS : Water Side  
CR : Crown

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A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.81	11/05/2013 11/05/2013	John Williamson

Levee Mile Report Line	54
Start Levee Mile	10.85
End Levee Mile	10.85
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
Landside view: pipe daylight on LS levee slope	
UCIP_7502.jpg	



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

**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2013 Levee Inspection Results**

**Sacramento Maintenance Yard Cache Creek**

Waterway			Bank	Unit Miles
Unit No. 02 South Levee			Right	11.43
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>A</b>	
Date of Inspection	-		11/06/2013 - 11/06/2013	
DWR Inspector	John Williamson		John Williamson	
Accompanied By	Ted Skidgel Sacramento Maintenance Yard		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 2013**

**Sacramento Maintenance Yard Cache Creek**

Waterway					Bank	Unit Miles	Inspection Start/End		Inspector
Unit No. 02 South Levee					Right	11.43	11/06/2013 11/06/2013		John Williamson
LMR No.	Levee Mile		Category	Item	Location * + Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End					Start	End	
1	0.02	11.42	Earthen Levee	Vegetation	WS Ma	A V1 : Control annual grass and weeds on the levee slopes and easements.	38.727357 ° -121.806077 °	38.678018 ° -121.673103 °	15 Y
DWR ID: DWR_ST0001_02_f_2013_15									
2	0.02	11.42	Earthen Levee	Vegetation	LS Ma	A V1 : Control annual grass and weeds on the levee slopes and easements.	38.727378 ° -121.806082 °	38.678018 ° -121.673108 °	13 Y
DWR ID: DWR_ST0001_02_f_2013_13									
3	0.19	0.19	Earthen Levee	Encroachments	LS En	C FW : Firewood	38.729645 ° -121.805212 °	38.729645 ° -121.805212 °	21 Y
DWR ID: DWR_ST0001_02_s_2013_21									
4	0.19	0.19	Earthen Levee	Encroachments	LS Ma	C PR : Prunings Inspector Comments: stumps	38.729743 ° -121.805194 °	38.729743 ° -121.805194 °	11 Y
DWR ID: DWR_ST0001_02_s_2012_11									
5	0.26	0.26	Earthen Levee	Encroachments	LS En	M PR : Prunings	38.730715 ° -121.804958 °	38.730715 ° -121.804958 °	17 Y
DWR ID: DWR_ST0001_02_f_2013_17									
6	0.27	0.27	Earthen Levee	Encroachments	WS En	C PR : Prunings	38.730834 ° -121.804951 °	38.730834 ° -121.804951 °	22 Y
DWR ID: DWR_ST0001_02_s_2013_22									
7	0.28	0.28	Earthen Levee	Encroachments	LS Ma	C DE : Debris	38.730998 ° -121.804907 °	38.730998 ° -121.804907 °	16 Y
DWR ID: DWR_ST0001_02_s_2012_16									
8	0.68	0.68	Earthen Levee	Encroachments	LS En	M DE : Debris	38.732229 ° -121.798922 °	38.732229 ° -121.798922 °	1 Y
DWR ID: DWR_ST0001_02_s_2012_1									
9	1.65	1.65	Earthen Levee	Encroachments	LS En	M PR : Prunings	38.730559 ° -121.786043 °	38.730559 ° -121.786043 °	12 Y
DWR ID: DWR_ST0001_02_f_2012_12									
10	1.94	1.94	Earthen Levee	Encroachments	LS En	A LI : Landscape Irrigation Inspector Comments: No permit to install the irrigation within the easement.	38.727640 ° -121.782357 °	38.727640 ° -121.782357 °	19 Y
DWR ID: DWR_ST0001_02_f_2013_19									
11	2.17	2.17	Earthen Levee	Encroachments	LS En	A LI : Landscape Irrigation Inspector Comments: No permit to install the irrigation within the easement.	38.726353 ° -121.778482 °	38.726353 ° -121.778482 °	23 Y
DWR ID: DWR_ST0001_02_f_2013_23									
12	2.24	2.24	Earthen Levee	Encroachments	LS En	A LI : Landscape Irrigation Inspector Comments: No permit to install the irrigation within the easement.	38.726445 ° -121.777125 °	38.726445 ° -121.777125 °	24 Y
DWR ID: DWR_ST0001_02_f_2013_24									
13	2.36	2.36	Earthen Levee	Encroachments	LS Ma	M DE : Debris	38.726182 ° -121.774835 °	38.726182 ° -121.774835 °	3 Y
DWR ID: DWR_ST0001_02_s_2012_3									
14	3.33	3.33	Earthen Levee	Animal Control	WS Ma	A A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.720037 ° -121.759905 °	38.720037 ° -121.759905 °	25 Y
DWR ID: DWR_ST0001_02_f_2013_25									

**\* 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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.43	11/06/2013 11/06/2013	John Williamson

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
15	3.42	3.42	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:7700 EP_NO: 10223 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 18-inch steel pipe in 36-inch concrete pipe distribution box on LS. 18-inch steel riser on WS. An abandoned pump house. FIELD_STRUCT_DESC: 24-inch CMP through levee 6.0 feet below crown. Pump house foundation on waterward slope. Slide gate in riser on waterward shoulder. (ABO No. 10223 - Lawley) FS Date: 11/7/2012	38.721348 ° -121.759503 °	38.721348 ° -121.759503 °	2
DWR ID: DWR_ST0001_02_f_2013_2										
16	3.42	3.42	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:8040 EP_NO: 10223 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 18-inch steel pipe in 36-inch concrete pipe distribution box on LS. 18-inch steel riser on WS. An abandoned foundation of a pump house on waterside of the levee. FIELD_STRUCT_DESC: 24-inch CMP through levee 6.0 feet below crown. Pump house foundation on waterward slope. Slide gate in riser on waterward shoulder. (ABO No. 10223 - Lawley) FS Date: 11/7/2012	38.721348 ° -121.759503 °	38.721348 ° -121.759503 °	5 Y
DWR ID: DWR_ST0001_02_f_2013_5										
17	3.42	3.42	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:13985 EP_NO: 10223 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 18-inch steel pipe in 36-inch concrete pipe distribution box on LS. 18-inch steel riser on WS. An abandoned foundation of a pump house on waterside of the levee. FIELD_STRUCT_DESC: 24-inch CMP through levee 6.0 feet below crown. Pump house foundation on waterward slope. Slide gate in riser on waterward shoulder. (ABO No. 10223 - Lawley) FS Date: 5/28/2013 3:24:34 PM	38.721348 ° -121.759503 °	38.721348 ° -121.759503 °	6
DWR ID: DWR_ST0001_02_f_2013_6										
18	3.48	3.57	Earthen Levee	Vegetation	LS	A/W Ma	V6 : Landscaping	38.722228 ° -121.759663 °	38.723322 ° -121.759317 °	7 Y
DWR ID: DWR_ST0001_02_s_2012_7										
19	3.53	3.61	Supplemental	USACE Erosion Survey	WS	M Ma	Inspector Comments: 2010 - Large slump on the upper berm, a tree has recently slid down the slope. 2011 - Large slump and new erosion. 2012: No observed change. [2012 Site ID: CHC_3-5_R]	38.722138 ° -121.759736 °	38.723294 ° -121.759588 °	14 Y
DWR ID:										

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

**Levee Inspection Report By Mile - Fall 2013**

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.43	11/06/2013 11/06/2013	John Williamson

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
20	3.58	3.59	Supplemental	USACE Erosion Survey	WS	M Ma	Inspector Comments: 2009 - Erosion into the levee slope. 2010 - Minor new erosion. 2011 - New erosion and a freshly fallen tree. 2012: No observed change. [2012 Site ID: CHC_5-4_L]	38.722933 ° -121.760561 °	38.723467 ° -121.760436 °	20 Y
DWR ID: DWR_ST0001_02_s_2012_8										
21	4.01	4.01	Earthen Levee	Encroachments	LS	M Ma	BU : Building	38.723997 ° -121.752505 °	38.723997 ° -121.752505 °	8 Y
DWR ID: DWR_ST0001_02_s_2012_8										
22	4.03	4.03	Earthen Levee	Encroachments	LS	M En	EQ : Equipment	38.724200 ° -121.752272 °	38.724200 ° -121.752272 °	26 Y
DWR ID: DWR_ST0001_02_f_2013_26										
23	4.04	4.13	Earthen Levee	Vegetation	LS	M En	V6 : Landscaping	38.724317 ° -121.752148 °	38.725242 ° -121.751075 °	9 Y
DWR ID: DWR_ST0001_02_s_2012_9										
24	4.14	4.14	Earthen Levee	Encroachments	LS	C Ma	PR : Prunings	38.725354 ° -121.750982 °	38.725354 ° -121.750982 °	4 Y
DWR ID: DWR_ST0001_02_s_2012_4										
25	4.42	4.42	Earthen Levee	Vegetation	LS	C En	V6 : Landscaping	38.726996 ° -121.746275 °	38.726996 ° -121.746275 °	10 Y
DWR ID: DWR_ST0001_02_s_2012_10										
26	4.43	4.43	Earthen Levee	Encroachments	LS	M En	PR : Prunings	38.727040 ° -121.746080 °	38.727040 ° -121.746080 °	28 Y
DWR ID: DWR_ST0001_02_f_2013_28										
27	4.43	4.43	Earthen Levee	Encroachments	WS	M En	BU : Building	38.727032 ° -121.746070 °	38.727032 ° -121.746070 °	27 Y
DWR ID: DWR_ST0001_02_f_2013_27										
28	5.76	5.76	Earthen Levee	Trim / Thin Trees	LS	C Ma	T5 : Tree stumps. Inspector Comments: The trees were allowed to be cut down by the CVFPB. The landowner did the cutting and had no instructions to remove the stumps. Total of ten trees.	38.727570 ° -121.722624 °	38.727570 ° -121.722624 °	18 Y
DWR ID: DWR_ST0001_02_f_2012_18										

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
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C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.43	11/06/2013 11/06/2013	John Williamson

Levee Mile Report Line	1
Start Levee Mile	0.02
End Levee Mile	11.42
Location	Water Side
Category	Earthen Levee
Item	Vegetation

The levee has no unwanted vegetation on the slope. Fall 2013

johngw\_f\_20131112\_302.JPG



Levee Mile Report Line	2
Start Levee Mile	0.02
End Levee Mile	11.42
Location	Land Side
Category	Earthen Levee
Item	Vegetation

The levee has no unwanted vegetation on the slope. Fall 2013

johngw\_f\_20131112\_301.JPG



Levee Mile Report Line	5
Start Levee Mile	0.26
End Levee Mile	0.26
Location	Land Side
Category	Earthen Levee
Item	Encroachments

A pruning pile is within the easement of the levee. Fall 2013

johngw\_f\_20131112\_303.JPG



**\* Location**

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CR : Crown

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C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.43	11/06/2013 11/06/2013	John Williamson

Levee Mile Report Line	8
Start Levee Mile	0.68
End Levee Mile	0.68
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Tree stakes and pruning's are at the toe of the levee. Fall 2013	
johngw_f_20131112_304.JPG	



Levee Mile Report Line	9
Start Levee Mile	1.65
End Levee Mile	1.65
Location	Land Side
Category	Earthen Levee
Item	Encroachments
The pruning pile at the toe continues to grow. Spring 2013	
johngw_f_20131021_806.JPG	



Levee Mile Report Line	9
Start Levee Mile	1.65
End Levee Mile	1.65
Location	Land Side
Category	Earthen Levee
Item	Encroachments
The never ending pruning pile is at the toe of the levee. Fall 2013	
johngw_f_20131112_305.JPG	

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

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U : Unacceptable  
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C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.43	11/06/2013 11/06/2013	John Williamson

Levee Mile Report Line	10
Start Levee Mile	1.94
End Levee Mile	1.94
Location	Land Side
Category	Earthen Levee
Item	Encroachments

The irrigation valves are installed at the toe of the levee. Fall 2013

johngw\_f\_20131112\_306.JPG



Levee Mile Report Line	11
Start Levee Mile	2.17
End Levee Mile	2.17
Location	Land Side
Category	Earthen Levee
Item	Encroachments

A relief valve for the drip irrigation system is installed at the toe. Fall 2013

johngw\_f\_20131112\_307.JPG



Levee Mile Report Line	12
Start Levee Mile	2.24
End Levee Mile	2.24
Location	Land Side
Category	Earthen Levee
Item	Encroachments

The irrigation valve and relief valve is installed at the toe. Fall 2013

johngw\_f\_20131112\_308.JPG



**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

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A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.43	11/06/2013 11/06/2013	John Williamson

Levee Mile Report Line	13
Start Levee Mile	2.36
End Levee Mile	2.36
Location	Land Side
Category	Earthen Levee
Item	Encroachments

The concrete pipe is within the easement of the levee. Fall 2013

johngw\_f\_20131112\_309.JPG



Levee Mile Report Line	14
Start Levee Mile	3.33
End Levee Mile	3.33
Location	Water Side
Category	Earthen Levee
Item	Animal Control

There was no rodents visible. The LMA has been grouting rodent holes this fall. Fall 2013

johngw\_f\_20131112\_310.JPG



Levee Mile Report Line	16
Start Levee Mile	3.42
End Levee Mile	3.42
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study

Waterside view: 36-inch CMP riser and abandoned pump house

UCIP\_3757.jpg



**\* Location**

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CR : Crown

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A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.43	11/06/2013 11/06/2013	John Williamson

Levee Mile Report Line	18
Start Levee Mile	3.48
End Levee Mile	3.57
Location	Land Side
Category	Earthen Levee
Item	Vegetation

The landscaping and fence are obstructive to viewing the levee toe. Fall 2011

johngw\_f\_20131021\_800.jpg



Levee Mile Report Line	19
Start Levee Mile	3.53
End Levee Mile	3.61
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

USACE2013\_CHC\_3-5\_R\_1.jpg



Levee Mile Report Line	19
Start Levee Mile	3.53
End Levee Mile	3.61
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

USACE2013\_CHC\_3-5\_R\_2.jpg



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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.43	11/06/2013 11/06/2013	John Williamson

Levee Mile Report Line	19
Start Levee Mile	3.53
End Levee Mile	3.61
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #3

USACE2013\_CHC\_3-5\_R\_3.jpg



Levee Mile Report Line	20
Start Levee Mile	3.58
End Levee Mile	3.59
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

USACE2013\_CHC\_5-4\_L\_1.jpg



Levee Mile Report Line	20
Start Levee Mile	3.58
End Levee Mile	3.59
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

USACE2013\_CHC\_5-4\_L\_2.jpg



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

**Levee Inspection Report By Mile - Fall 2013**

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.43	11/06/2013 11/06/2013	John Williamson

Levee Mile Report Line	21
Start Levee Mile	4.01
End Levee Mile	4.01
Location	Land Side
Category	Earthen Levee
Item	Encroachments

The out buildings are within the easement of the levee. Fall 2013

johngw\_f\_20131112\_311.JPG



Levee Mile Report Line	22
Start Levee Mile	4.03
End Levee Mile	4.03
Location	Land Side
Category	Earthen Levee
Item	Encroachments

The are several pieces of equipment near the toe of the levee. Fall 2013

johngw\_f\_20131112\_312.JPG



Levee Mile Report Line	23
Start Levee Mile	4.04
End Levee Mile	4.13
Location	Land Side
Category	Earthen Levee
Item	Vegetation

The landscape shrubs block visibility of the toe. Fall 2011

johngw\_f\_20131021\_802.jpg



**\* Location**

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CR : Crown

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C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.43	11/06/2013 11/06/2013	John Williamson

Levee Mile Report Line	26
Start Levee Mile	4.43
End Levee Mile	4.43
Location	Land Side
Category	Earthen Levee
Item	Encroachments

A pruning pile is at the toe of the levee. Fall 2013

johngw\_f\_20131112\_314.JPG



Levee Mile Report Line	27
Start Levee Mile	4.43
End Levee Mile	4.43
Location	Water Side
Category	Earthen Levee
Item	Encroachments

The horse corral and building are on the waterside berm. Fall 2013

johngw\_f\_20131112\_313.JPG



**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

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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



**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2013 Levee Inspection Results**

**Sacramento Maintenance Yard Cache Creek**

Waterway			Bank	Unit Miles
Unit No. 04 East Training Levee of Cache Creek Settling Basin			Left	2.28
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>A</b>	
Date of Inspection	-		11/05/2013 - 11/05/2013	
DWR Inspector	John Williamson		John Williamson	
Accompanied By	Ted Skidgel Sacramento Maintenance Yard		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 2013**

**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	2.28	11/05/2013 11/05/2013	John Williamson

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
1	0.01	2.26	Earthen Levee	Vegetation	WS	A Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.727223 ° -121.718247 °	38.695545 ° -121.715933 °	2 Y
DWR ID: DWR_ST0001_04_f_2013_2										
2	2.26	2.26	Earthen Levee	Vegetation	LS	A Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.695570 ° -121.715933 °	38.695570 ° -121.715933 °	1 Y
DWR ID: DWR_ST0001_04_f_2013_1										

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
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A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**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	2.28	11/05/2013 11/05/2013	John Williamson

Levee Mile Report Line	1
Start Levee Mile	0.01
End Levee Mile	2.26
Location	Water Side
Category	Earthen Levee
Item	Vegetation

The levee has no unwanted vegetation on the slope. Fall 2013

johngw\_f\_20131112\_299.JPG



Levee Mile Report Line	2
Start Levee Mile	2.26
End Levee Mile	2.26
Location	Land Side
Category	Earthen Levee
Item	Vegetation

The levee has no unwanted vegetation on the slope. Fall 2013

johngw\_f\_20131112\_300.JPG



**\* 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