

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2014 Levee Maintenance Deficiency Summary Report**

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

**Sacramento River Basin**

NA0005 City of Sacramento	Overall LMA Rating	Total LMA Miles						
	<b>A</b>	<b>3.67</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>								
Encroachments					0.47			
<i>Supplemental</i>								
USACE Erosion Survey	0.09		0.09	2.45%				
DWR UCIP Field Study					0.61	0.01		
<i>LMA Totals:</i>	0.09	0.00	0.09	2.45%	1.08	0.01	0.00	0.00

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Fall 2014 Levee Inspection Results**

**City of Sacramento**

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

\*\* 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 2014 Levee Inspection Results**

**City of Sacramento**

Waterway	Bank	Unit Miles
Unit No. 01 Sacramento River	Left	3.67

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>A</b>	
Date of Inspection	05/01/2014 - 05/01/2014		11/04/2014 - 11/04/2014	
DWR Inspector	John Williamson		Clay Thomas	
Accompanied By	Doug Henry City of Sacramento		Doug Henry City of Sacramento	
	Jeff Chase City of Sacramento		Jeff Chase City of Sacramento	
	William Roberts City of Sacramento		William Roberts City of Sacramento	

**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 2014**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	11/04/2014 11/04/2014	Clay Thomas

LM Start		Rating **	A	Issue No.	<b>20</b>
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_NA0005_01_s_2013_20				
Action/Comments					
Inspector Comments: City of Sacramento has levee manuals.					

No Photos

LM Start		Rating **	A	Issue No.	<b>22</b>
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Emergency Supplies & Equipment			o	
				o	
DWR ID	DWR_NA0005_01_s_2013_22				
Action/Comments					
Inspector Comments: City of Sacramento maintains a stockpile of response material.					

No Photos

LM Start		Rating **	A	Issue No.	<b>23</b>
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Flood Preparedness & Training			o	
				o	
DWR ID	DWR_NA0005_01_s_2013_23				
Action/Comments					
Inspector Comments: City of Sacramento has a written response plan and regular response training.					

No Photos

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

**Levee Inspection Report By Mile - Fall 2014**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	11/04/2014 11/04/2014	Clay Thomas

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>82</b>
LM End	<b>3.63</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation				
DWR ID	DWR_NA0005_01_f_2014_82				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : FA\_2014\_NA0005\_251\_82\_20141106\_00033.jpg



Levee mile 1017, vegetation on the water side levee slope, railroad tracks on the land side slope. Fall 2014.

LM Start	<b>0.06</b>	Rating **	M	Issue No.	<b>3</b>
LM End	<b>0.06</b>	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.589864 °	38.589864 °	
			-121.505128 °	-121.505128 °	
DWR ID	DWR_NA0005_01_f_2014_3				
Action/Comments					
Inspector Comments: FS_ID:19967 EP_NO: 14527 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine condition of crossing and last inspection date. FIELD_STRUCT_DESC: 12-inch diameter pipeline under channel through levee, 44 feet below the crown. Southern Pacific Pipe Lines. (Permit No. 14527, Southern Pacific Pipelines, Inc.-1987). FS Date: 3/6/2013					

No Photos

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

**Levee Inspection Report By Mile - Fall 2014**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	11/04/2014 11/04/2014	Clay Thomas

LM Start	<b>0.14</b>	Rating **	M	Issue No.	<b>15</b>
LM End	<b>0.14</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.588768 °	38.588768 °
				-121.504891 °	-121.504891 °
DWR ID	DWR_NA0005_01_f_2014_15				
Action/Comments					
Inspector Comments: FS_ID:40844 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: 42 inch water transmission main through levee at unknown depth. Crossing installed in 1966. FS Date: 3/6/2013					

No Photos

LM Start	<b>0.14</b>	Rating **	M	Issue No.	<b>17</b>
LM End	<b>0.14</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.588738 °	38.588738 °
				-121.504891 °	-121.504891 °
DWR ID	DWR_NA0005_01_f_2014_17				
Action/Comments					
Inspector Comments: FS_ID:40845 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to confirm alignment and status of crossings. FIELD_STRUCT_DESC: ARV communication line and 3-inch STLcommunication line on levee. FS Date: 3/6/2013					

No Photos

LM Start	<b>0.14</b>	Rating **	A	Issue No.	<b>1</b>
LM End	<b>0.14</b>	Issue Type +	Ob	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.588715 °	38.588715 °
				-121.504885 °	-121.504885 °
DWR ID	DWR_NA0005_01_s_2012_1				
Action/Comments					
Building Inspector Comments: Fenced area around State (DWR) recorder can.					

Photo 1 of 1 : FA\_2014\_NA0005\_251\_1\_20141014\_00001.jpg



View of the I Street recorder can.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
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**Levee Inspection Report By Mile - Fall 2014**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	11/04/2014 11/04/2014	Clay Thomas

LM Start	<b>0.15</b>	Rating **	U	Issue No.	<b>18</b>
LM End	<b>0.15</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.588636 °	38.588636 °
				-121.504860 °	-121.504860 °
DWR ID	DWR_NA0005_01_f_2014_18				
Action/Comments					
Inspector Comments: FS_ID:40846 EP_NO: N/A Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: No markers found. Need to contact owner to determine status of crossing and to determine last inspection date. FIELD_STRUCT_DESC: PG&E line though levee at unknown depth. FS Date: 3/6/2013					

No Photos

LM Start	<b>0.16</b>	Rating **	M	Issue No.	<b>19</b>
LM End	<b>0.16</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.588500 °	38.588500 °
				-121.504856 °	-121.504856 °
DWR ID	DWR_NA0005_01_f_2014_19				
Action/Comments					
Inspector Comments: FS_ID:40847 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: No markers visible. FIELD_STRUCT_DESC: ATT communication line through levee at unknown depth. FS Date: 3/6/2013					

No Photos

LM Start	<b>0.16</b>	Rating **	M	Issue No.	<b>24</b>
LM End	<b>0.16</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.588427 °	38.588427 °
				-121.504859 °	-121.504859 °
DWR ID	DWR_NA0005_01_f_2014_24				
Action/Comments					
Inspector Comments: FS_ID:38707 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: ATT communication line through levee. FS Date: 3/6/2013					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
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**Levee Inspection Report By Mile - Fall 2014**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	11/04/2014 11/04/2014	Clay Thomas

LM Start	<b>0.22</b>	Rating **	M	Issue No.	<b>25</b>
LM End	<b>0.22</b>	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.587615 °	38.587615 °	
			-121.505034 °	-121.505034 °	
DWR ID	DWR_NA0005_01_f_2014_25				
Action/Comments					
Inspector Comments: FS_ID:40848 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Pump station appears non-functional. Owner will need to coordinate with DWR-Inspector and CVFPB to determine if crossing meets Title 23 requirements. FIELD_STRUCT_DESC: 12 inch connected to 10 inch pipe through levee at unknown depth. FS Date: 3/6/2013					

No Photos

LM Start	<b>0.22</b>	Rating **	A	Issue No.	<b>2</b>
LM End	<b>0.22</b>	Issue Type +	Ob	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.587592 °	38.587592 °	
			-121.504892 °	-121.504892 °	
DWR ID	DWR_NA0005_01_s_2012_2				
Action/Comments					
Building Inspector Comments: Historical building.					

Photo 1 of 2 : FA\_2014\_NA0005\_251\_2\_20141014\_00002.jpg



A view of the south side of the building. Fall 2011

LM Start	<b>0.22</b>	Rating **	A	Issue No.	<b>2 (cont)</b>
LM End	<b>0.22</b>	Issue Type +	Ob	Location *	WS

Photo 2 of 2 : FA\_2014\_NA0005\_251\_2\_20141014\_00003.jpg



Historical Building with foundations and ramps on upstream and downstream sides. Fall 2011

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

**Levee Inspection Report By Mile - Fall 2014**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	11/04/2014 11/04/2014	Clay Thomas

LM Start	<b>0.37</b>	Rating **	A	Issue No.	<b>14</b>
LM End	<b>0.73</b>	Issue Type +	Ob	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.585525 °	38.580445 °	
			-121.505338 °	-121.506966 °	
DWR ID	DWR_NA0005_01_s_2012_14				
Action/Comments					
Building Inspector Comments: This is the Old Sacramento flood wall. This part is a walking inspection. The vegetation along the waterside of the floodwall has been removed.					

Photo 1 of 3 : FA\_2014\_NA0005\_251\_14\_20141014\_00017.jpg



Photo looking downstream from the Delta King in Old Sacramento.

LM Start	<b>0.37</b>	Rating **	A	Issue No.	<b>14 (cont)</b>
LM End	<b>0.73</b>	Issue Type +	Ob	Location *	CR

Photo 2 of 3 : FA\_2014\_NA0005\_251\_14\_20141014\_00018.jpg



The buildings are on top of the flood wall and extend out over the river.  
Fall 2011

LM Start	<b>0.37</b>	Rating **	A	Issue No.	<b>14 (cont)</b>
LM End	<b>0.73</b>	Issue Type +	Ob	Location *	CR

Photo 3 of 3 : FA\_2014\_NA0005\_251\_14\_20141014\_00019.jpg



The wooden boardwalk in Old Sacramento on top of the flood wall. Fall 2011

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

**Levee Inspection Report By Mile - Fall 2014**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	11/04/2014 11/04/2014	Clay Thomas

LM Start	<b>0.41</b>	Rating **	M	Issue No.	<b>26</b>
LM End	<b>0.41</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.584794 °	38.584794 °
				-121.505548 °	-121.505548 °
DWR ID	DWR_NA0005_01_f_2014_26				
Action/Comments					
Inspector Comments: FS_ID:40863 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: 10 inch pipe through levee. Record was					

No Photos

LM Start	<b>0.42</b>	Rating **	M	Issue No.	<b>27</b>
LM End	<b>0.42</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.584745 °	38.584745 °
				-121.505460 °	-121.505460 °
DWR ID	DWR_NA0005_01_f_2014_27				
Action/Comments					
Inspector Comments: FS_ID:38713 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: unknown FS Date: 3/6/2013					

No Photos

LM Start	<b>0.42</b>	Rating **	M	Issue No.	<b>28</b>
LM End	<b>0.42</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.584739 °	38.584739 °
				-121.505483 °	-121.505483 °
DWR ID	DWR_NA0005_01_f_2014_28				
Action/Comments					
Inspector Comments: FS_ID:38712 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: unknown crossing FS Date: 3/6/2013					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> 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 2014**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	11/04/2014 11/04/2014	Clay Thomas

LM Start	<b>0.42</b>	Rating **	M	Issue No.	<b>29</b>
LM End	<b>0.42</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.584762 °	38.584762 °
				-121.505556 °	-121.505556 °
DWR ID	DWR_NA0005_01_f_2014_29				
Action/Comments					
Inspector Comments: FS_ID:20384 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Only manhole was visible; need to determine condition of crossing; Will need to follow up with the City of Sacramento. FIELD_STRUCT_DESC: 18-inch-diameter storm drain through the levee, 5 feet below the crown. Concrete surge box on the waterward side of the retaining wall. Concrete box spillway. FS Date: 3/6/2013					

No Photos

LM Start	<b>0.42</b>	Rating **	M	Issue No.	<b>30</b>
LM End	<b>0.42</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.584767 °	38.584767 °
				-121.505700 °	-121.505700 °
DWR ID	DWR_NA0005_01_f_2014_30				
Action/Comments					
Inspector Comments: FS_ID:40864 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need additional information about crossing--depth of pipe, owner, and status.. FIELD_STRUCT_DESC: PacBell conduit through levee at unknown depth. FS Date: 3/6/2013					

No Photos

LM Start	<b>0.49</b>	Rating **	M	Issue No.	<b>31</b>
LM End	<b>0.49</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.583853 °	38.583853 °
				-121.506061 °	-121.506061 °
DWR ID	DWR_NA0005_01_f_2014_31				
Action/Comments					
Inspector Comments: FS_ID:38715 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: unknown FS Date: 3/6/2013					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<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 2014**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	11/04/2014 11/04/2014	Clay Thomas

LM Start	<b>0.50</b>	Rating **	M	Issue No.	<b>32</b>
LM End	<b>0.50</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.583693 °	38.583693 °
				-121.505909 °	-121.505909 °
DWR ID	DWR_NA0005_01_f_2014_32				
Action/Comments					
Inspector Comments: FS_ID:38716 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: 8 inch pipe through levee and along waterward side for about 800 feet. Crosses levee again at 38.581544, -121.506688. FS Date: 3/6/2013					

No Photos

LM Start	<b>0.57</b>	Rating **	M	Issue No.	<b>33</b>
LM End	<b>0.57</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.582700 °	38.582700 °
				-121.506266 °	-121.506266 °
DWR ID	DWR_NA0005_01_f_2014_33				
Action/Comments					
Inspector Comments: FS_ID:38763 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to confirm. No signs visible during site visit. No photos available. FIELD_STRUCT_DESC: 10 inch line through levee. Record found in Sacramento County GIS records. FS Date: 3/6/2013					

No Photos

LM Start	<b>0.57</b>	Rating **	M	Issue No.	<b>34</b>
LM End	<b>0.57</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.582689 °	38.582689 °
				-121.506419 °	-121.506419 °
DWR ID	DWR_NA0005_01_f_2014_34				
Action/Comments					
Inspector Comments: FS_ID:38718 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: Conduit group. FS Date: 3/6/2013					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<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 2014**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	11/04/2014 11/04/2014	Clay Thomas

LM Start	<b>0.59</b>	Rating **	M	Issue No.	<b>35</b>
LM End	<b>0.59</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.582482 °	38.582482 °
				-121.506346 °	-121.506346 °
DWR ID	DWR_NA0005_01_f_2014_35				
Action/Comments					
Inspector Comments: FS_ID:38764 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner. Need to determine permit issued for crossing. FIELD_STRUCT_DESC: 12 inch pipe through levee. FS Date: 3/6/2013					

No Photos

LM Start	<b>0.61</b>	Rating **	M	Issue No.	<b>36</b>
LM End	<b>0.61</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.582167 °	38.582167 °
				-121.506337 °	-121.506337 °
DWR ID	DWR_NA0005_01_f_2014_36				
Action/Comments					
Inspector Comments: FS_ID:38720 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: Sewer line FS Date: 3/6/2013					

No Photos

LM Start	<b>0.64</b>	Rating **	M	Issue No.	<b>37</b>
LM End	<b>0.64</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581695 °	38.581695 °
				-121.506635 °	-121.506635 °
DWR ID	DWR_NA0005_01_f_2014_37				
Action/Comments					
Inspector Comments: FS_ID:38721 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: group conduits. Start 38.58169451, -121.5066352 End 38.581555, -121.506688 FS Date: 3/6/2013					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<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 2014**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	11/04/2014 11/04/2014	Clay Thomas

LM Start	<b>0.68</b>	Rating **	M	Issue No.	<b>38</b>
LM End	<b>0.68</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581197 °	38.581197 °
				-121.506819 °	-121.506819 °
DWR ID	DWR_NA0005_01_f_2014_38				
Action/Comments					
Inspector Comments: FS_ID:38722 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: water line penetration FS Date: 3/6/2013					

No Photos

LM Start	<b>0.68</b>	Rating **	M	Issue No.	<b>40</b>
LM End	<b>0.68</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581131 °	38.581131 °
				-121.506819 °	-121.506819 °
DWR ID	DWR_NA0005_01_f_2014_40				
Action/Comments					
Inspector Comments: FS_ID:38723 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: line penetration FS Date: 3/6/2013					

No Photos

LM Start	<b>0.70</b>	Rating **	M	Issue No.	<b>41</b>
LM End	<b>0.70</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581332 °	38.581332 °
				-121.506853 °	-121.506853 °
DWR ID	DWR_NA0005_01_f_2014_41				
Action/Comments					
Inspector Comments: FS_ID:38765 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm if crossing goes through levee. Need to contact owner to determine alignment for crossing. FIELD_STRUCT_DESC: Fire hydrant visible on levee crown located in downtown Sacramento. FS Date: 3/6/2013					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> 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 2014**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	11/04/2014 11/04/2014	Clay Thomas

LM Start	<b>0.71</b>	Rating **	M	Issue No.	<b>42</b>
LM End	<b>0.71</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.580743 °	38.580743 °
				-121.506986 °	-121.506986 °
DWR ID	DWR_NA0005_01_f_2014_42				
Action/Comments					
Inspector Comments: FS_ID:38766 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine type of crossing and status of crossing. FIELD_STRUCT_DESC: Crossing visible through floodwall visible on waterward side. FS Date: 3/6/2013					

No Photos

LM Start	<b>0.73</b>	Rating **	M	Issue No.	<b>43</b>
LM End	<b>0.73</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.580472 °	38.580472 °
				-121.507147 °	-121.507147 °
DWR ID	DWR_NA0005_01_f_2014_43				
Action/Comments					
Inspector Comments: FS_ID:38726 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: electrical conduit box FS Date: 3/6/2013					

No Photos

LM Start	<b>0.74</b>	Rating **	M	Issue No.	<b>44</b>
LM End	<b>0.74</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.580413 °	38.580413 °
				-121.507166 °	-121.507166 °
DWR ID	DWR_NA0005_01_f_2014_44				
Action/Comments					
Inspector Comments: FS_ID:38783 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status. FIELD_STRUCT_DESC: Corrugated metal drainage pipe through floodwall visible on waterward side. FS Date: 3/6/2013					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<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 2014**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	11/04/2014 11/04/2014	Clay Thomas

LM Start	<b>0.78</b>	Rating **	A	Issue No.	<b>4</b>
LM End	<b>0.78</b>	Issue Type +	Ob	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.579712 °	38.579712 °	
			-121.507347 °	-121.507347 °	
DWR ID	DWR_NA0005_01_s_2012_4				
Action/Comments					
Building Inspector Comments: Embassy Suites					

Photo 1 of 1 : FA\_2014\_NA0005\_251\_4\_20141014\_00004.jpg



Embassy Suites

LM Start	<b>0.79</b>	Rating **	M	Issue No.	<b>45</b>
LM End	<b>0.79</b>	Issue Type +	En	Location *	CR
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.579661 °	38.579661 °	
			-121.507480 °	-121.507480 °	
DWR ID	DWR_NA0005_01_f_2014_45				
Action/Comments					
Inspector Comments: FS_ID:38728 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: 3 inch conduit FS Date: 3/6/2013					

No Photos

LM Start	<b>0.79</b>	Rating **	M	Issue No.	<b>46</b>
LM End	<b>0.79</b>	Issue Type +	En	Location *	CR
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.579598 °	38.579598 °	
			-121.507368 °	-121.507368 °	
DWR ID	DWR_NA0005_01_f_2014_46				
Action/Comments					
Inspector Comments: FS_ID:38729 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: backflow line FS Date: 3/6/2013					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> 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 2014**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	11/04/2014 11/04/2014	Clay Thomas

LM Start	<b>0.81</b>	Rating **	M	Issue No.	<b>47</b>
LM End	<b>0.81</b>	Issue Type +	En	Location *	CR
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.579353 °	38.579353 °	
			-121.507560 °	-121.507560 °	
DWR ID	DWR_NA0005_01_f_2014_47				
Action/Comments					
Inspector Comments: FS_ID:38784 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status and purpose for lines. FIELD_STRUCT_DESC: Cluster of conduits through floodwall visible from waterward side. FS Date: 3/6/2013					

No Photos

LM Start	<b>1.15</b>	Rating **	A/W	Issue No.	<b>13</b>
LM End	<b>1.69</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.574780 °	38.568757 °	
			-121.510191 °	-121.515930 °	
DWR ID	DWR_NA0005_01_f_2012_13				
Action/Comments					
Trees / Woody Vegetation					

Photo 1 of 3 : FA\_2014\_NA0005\_251\_13\_20141014\_00014.jpg



Trees and brush are larger than 2 inches but does not effect visibility. Photo fall 2012.

LM Start	<b>1.15</b>	Rating **	A/W	Issue No.	<b>13 (cont)</b>
LM End	<b>1.69</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : FA\_2014\_NA0005\_251\_13\_20141014\_00015.jpg



Monitor the trees and vegetation along the rivers edge. Fall 2013

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> 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 2014**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	11/04/2014 11/04/2014	Clay Thomas

LM Start	<b>1.15</b>	Rating **	A/W	Issue No.	<b>13 (cont)</b>
LM End	<b>1.69</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.574780 °	38.568757 °	
			-121.510191 °	-121.515930 °	
DWR ID	DWR_NA0005_01_f_2012_13				
Action/Comments					
Trees / Woody Vegetation					

Photo 3 of 3 : FA\_2014\_NA0005\_251\_13\_20141014\_00016.jpg



Monitor the trees and woody vegetation along the rivers edge. Fall 2013

LM Start	<b>1.20</b>	Rating **	M	Issue No.	<b>48</b>
LM End	<b>1.20</b>	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.578890 °	38.578890 °	
			-121.507370 °	-121.507370 °	
DWR ID	DWR_NA0005_01_f_2014_48				
Action/Comments					
Inspector Comments: FS_ID:38731 EP_NO: 18171 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: To replace existing 12-inch-diameter, 692-foot-long steel water pipe with a 14-inch-diameter steel water pipe on the left (east) bank levee of the Sacramento River. FS Date: 3/6/2013					

No Photos

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

**Levee Inspection Report By Mile - Fall 2014**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	11/04/2014 11/04/2014	Clay Thomas

LM Start	<b>1.23</b>	Rating **	M	Issue No.	<b>49</b>
LM End	<b>1.23</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.573901 °	38.573901 °
				-121.511025 °	-121.511025 °
DWR ID	DWR_NA0005_01_f_2014_49				
Action/Comments					
Inspector Comments: FS_ID:20184 EP_NO: 5140 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to determine more details pertaining to crossing, coordinate with City of Sacramento. FIELD_STRUCT_DESC: 30-inch diameter condensing water pipe sleeved through 40-inch diameter pipe 5 feet below the crown, annular space grouted. Anchor blocks on both ends, concrete pipes under pads over pipe under railroad. Cap on the waterward end. A 1.5 foot thick by 8 foot high by 8 foot wide reinforced concrete headwall supported on a 2 foot thick by 5.5 foot wide by 12 foot long concrete footing. An 8 foot high by 64 foot wide apron constructed around the waterward end of the pipe at the waterward shoulder of the levee. (Permit No. 5140, State of California-Department of General Services-1967) FS Date: 3/6/2013					

No Photos

LM Start	<b>1.31</b>	Rating **	M	Issue No.	<b>12</b>
LM End	<b>1.39</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			38.573169 °	38.572277 °
				-121.511998 °	-121.513063 °
DWR ID	DWR_NA0005_01_f_2014_12				
Action/Comments					
Inspector Comments: 2008 - Oversized levee, should be repaired under maintenance. 2009 - Shallow slumps at the mid bank. 2010 - Some minor erosion at the toe, likely from wave wash. Some new shallow slumps. 2011 - One new tree has fallen. 2013: Erosion continues on the slope surface, site extended upstream [2013 Site ID: SAC_58-5_L]					

Photo 1 of 2 : FA\_2014\_NA0005\_251\_12\_20141014\_00012.jpg



USACE 2013 Photo #1

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

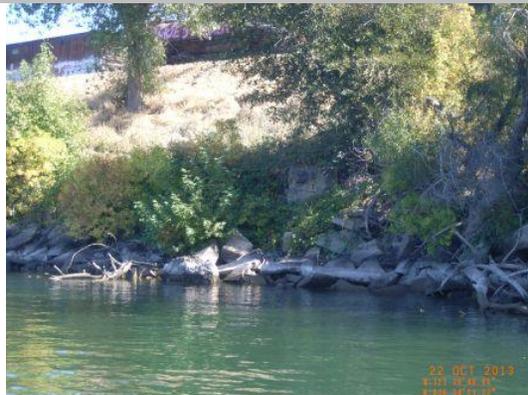
**Levee Inspection Report By Mile - Fall 2014**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	11/04/2014 11/04/2014	Clay Thomas

LM Start	<b>1.31</b>	Rating **	M	Issue No.	<b>12 (cont)</b>
LM End	<b>1.39</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			38.573169 °	38.572277 °
				-121.511998 °	-121.513063 °
DWR ID	DWR_NA0005_01_f_2014_12				
Action/Comments					
Inspector Comments: 2008 - Oversized levee, should be repaired under maintenance. 2009 - Shallow slumps at the mid bank. 2010 - Some minor erosion at the toe, likely from wave wash. Some new shallow slumps. 2011 - One new tree has fallen. 2013: Erosion continues on the slope surface, site extended upstream [2013 Site ID: SAC_58-5_L]					

Photo 2 of 2 : FA\_2014\_NA0005\_251\_12\_20141014\_00013.jpg



USACE 2013 Photo #2

LM Start	<b>1.33</b>	Rating **	M	Issue No.	<b>6</b>
LM End	<b>1.40</b>	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.572791 °	38.572087 °
				-121.512133 °	-121.512892 °
DWR ID	DWR_NA0005_01_s_2012_6				
Action/Comments					
Equipment Inspector Comments: There is two engines and four cars on the levee crown.					

Photo 1 of 1 : FA\_2014\_NA0005\_251\_6\_20141014\_00006.jpg



The train cars have been relocated upstream on the levee. Spring 2014

LM Start	<b>1.40</b>	Rating **	M	Issue No.	<b>50</b>
LM End	<b>1.40</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.572087 °	38.572087 °
				-121.512941 °	-121.512941 °
DWR ID	DWR_NA0005_01_f_2014_50				
Action/Comments					
Inspector Comments: FS_ID:38732 EP_NO: 6283 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: 2 temporary 24 inch pipes to be used for dredge material. Pipes were removed 10/30/1969 according to inspector's notes. FS Date: 3/6/2013					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> 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 2014**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	11/04/2014 11/04/2014	Clay Thomas

LM Start	<b>1.41</b>	Rating **	A/W	Issue No.	<b>5</b>
LM End	<b>1.41</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.572008 °	38.572008 °	
			-121.513017 °	-121.513017 °	
DWR ID	DWR_NA0005_01_s_2012_5				
Action/Comments					
Pipe					

Photo 1 of 1 : FA\_2014\_NA0005\_251\_5\_20141014\_00005.jpg



The screw gate is the positive closure for the pipe. Fall 2011

LM Start	<b>1.41</b>	Rating **	M	Issue No.	<b>51</b>
LM End	<b>1.41</b>	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.572019 °	38.572019 °	
			-121.513082 °	-121.513082 °	
DWR ID	DWR_NA0005_01_f_2014_51				
Action/Comments					
Inspector Comments: FS_ID:20105 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 1 of 3: 6-inch pipe through the levee, 8 feet below the crown. Gate valves on the waterward slope. Manhole located on landward berm. FS Date: 3/6/2013					

No Photos

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

**Levee Inspection Report By Mile - Fall 2014**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	11/04/2014 11/04/2014	Clay Thomas

LM Start	<b>1.41</b>	Rating **	M	Issue No.	<b>52</b>
LM End	<b>1.41</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.572018 °	38.572018 °
				-121.513081 °	-121.513081 °
DWR ID	DWR_NA0005_01_f_2014_52				
Action/Comments					
Inspector Comments: FS_ID:20108 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 3 of 3: 72-inch sewer line through the levee at low elevation. Slide gate in concrete well on the waterward slope. Manhole located on landward berm. Multiple manholes are located on landward berm. FS Date: 3/6/2013					

No Photos

LM Start	<b>1.41</b>	Rating **	M	Issue No.	<b>53</b>
LM End	<b>1.41</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.571976 °	38.571976 °
				-121.513060 °	-121.513060 °
DWR ID	DWR_NA0005_01_f_2014_53				
Action/Comments					
Inspector Comments: FS_ID:20123 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Need to coordinate with City of Sacramento to determine if crossing is active. Urgent was issued for this crossing due to the subsidence evident on landward berm. FIELD_STRUCT_DESC: 2 of 3: 8-inch cast iron pipe through levee, 8 feet below the crown. FS Date: 3/6/2013					

No Photos

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

**Levee Inspection Report By Mile - Fall 2014**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	11/04/2014 11/04/2014	Clay Thomas

LM Start	<b>1.43</b>	Rating **	M	Issue No.	<b>54</b>
LM End	<b>1.43</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.571790 °	38.571790 °
				-121.513323 °	-121.513323 °
DWR ID	DWR_NA0005_01_f_2014_54				
Action/Comments					
Inspector Comments: FS_ID:20087 EP_NO: 12196 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Vault located on levee crown (bike path) and siphon breaker located on waterward shoulder. Coordinate with City of Sacramento to determine the condition of this crossing and last inspection. FIELD_STRUCT_DESC: 1 or 2: 42-inch RCP wash water intake pipe through levee at approximately 10 feet below crown. Line extends approximately 145 feet waterward from the reservoir to the outfall structure at the waterward shoulder of the levee. Pipe is skewed approximately 12 degrees upstream. Water Intake structure with screen. Waterward slope is armored by rock slope protection. Rock slope protection perimeter exists at river intake. (Permit No. 12196, Sacramento Regional County Sanitation District-1981). Permit 16611 was issued in 1996 to reline the inside of the pipe. FS Date: 3/6/2013					

No Photos

LM Start	<b>1.43</b>	Rating **	M	Issue No.	<b>55</b>
LM End	<b>1.43</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.571776 °	38.571776 °
				-121.513364 °	-121.513364 °
DWR ID	DWR_NA0005_01_f_2014_55				
Action/Comments					
Inspector Comments: FS_ID:20093 EP_NO: 12196 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Check with City of Sacramento to determine last inspection and condition of crossing. Vegetation on waterward and landward slope makes it difficult to inspect and identify any potential leaks visible from surface. FIELD_STRUCT_DESC: 1 of 2: 120-inch RCP outfall pipe extends approximately 117 feet waterward from the reservoir to a reinforced concrete outfall valve structure located in the levee crown. Waterward slope is armored by rock slope protection. Rock slope protection perimeter exists at outlet. (Permit No. 12196, Sacramento Regional County Sanitation District-1977). (Permit No. 12196, Sacramento Regional Sanitation District-1981). FS Date: 3/6/2013					

No Photos

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

**Levee Inspection Report By Mile - Fall 2014**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	11/04/2014 11/04/2014	Clay Thomas

LM Start	<b>1.59</b>	Rating **	M	Issue No.	<b>56</b>
LM End	<b>1.59</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.570116 °	38.570116 °
				-121.515352 °	-121.515352 °
DWR ID	DWR_NA0005_01_f_2014_56				
Action/Comments					
Inspector Comments: FS_ID:38733 EP_NO: 6627 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: 34-inch steel discharge pipe through levee approximately 3 feet below crown. (Permit No. 6627, C. K. Moseman Construction Co.) FS Date: 3/6/2013					

No Photos

LM Start	<b>1.59</b>	Rating **	M	Issue No.	<b>57</b>
LM End	<b>1.59</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.570075 °	38.570075 °
				-121.515402 °	-121.515402 °
DWR ID	DWR_NA0005_01_f_2014_57				
Action/Comments					
Inspector Comments: FS_ID:38734 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: Gasline through levee. FS Date: 3/6/2013					

No Photos

LM Start	<b>1.59</b>	Rating **	M	Issue No.	<b>58</b>
LM End	<b>1.59</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.570075 °	38.570075 °
				-121.515402 °	-121.515402 °
DWR ID	DWR_NA0005_01_f_2014_58				
Action/Comments					
Inspector Comments: FS_ID:32883 EP_NO: 2371 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to coordinate with PG&E to clarify all appurtenances associated with crossing. Need maintenance records for this crossing (last inspection). FIELD_STRUCT_DESC: 12-inch pipe through the levee, 5.0 feet below the crown. Gas pipeline sign on the waterward slope and rectangular concrete box on the waterward berm. (Permit No. 2371-PG&E, 1959). FS Date: 3/6/2013					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<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 2014**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	11/04/2014 11/04/2014	Clay Thomas

LM Start	<b>1.61</b>	Rating **	M	Issue No.	<b>59</b>
LM End	<b>1.61</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.570075 °	38.570075 °
				-121.515546 °	-121.515546 °
DWR ID	DWR_NA0005_01_f_2014_59				
Action/Comments					
Inspector Comments: FS_ID:32896 EP_NO: 14732 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to obtain maintenance records for pipe line-- Inspector was able to obtain inspection status from PG&E. FIELD_STRUCT_DESC: 24 inch diameter natural gas pipeline under the levee and channel at a depth of 25 feet minimum. (Permit No. 14732, PG&E-1988) FS Date: 3/7/2013					

No Photos

LM Start	<b>1.74</b>	Rating **	M	Issue No.	<b>60</b>
LM End	<b>1.74</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.568026 °	38.568026 °
				-121.516070 °	-121.516070 °
DWR ID	DWR_NA0005_01_f_2014_60				
Action/Comments					
Inspector Comments: FS_ID:38735 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: Gasline through levee. FS Date: 3/6/2013					

No Photos

LM Start	<b>1.74</b>	Rating **	M	Issue No.	<b>61</b>
LM End	<b>1.74</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567980 °	38.567980 °
				-121.516088 °	-121.516088 °
DWR ID	DWR_NA0005_01_f_2014_61				
Action/Comments					
Inspector Comments: FS_ID:38736 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: 12 inch pipe through levee. Records provided by Sacramento County. Installed 1935. FS Date: 3/6/2013					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<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 2014**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	11/04/2014 11/04/2014	Clay Thomas

LM Start	<b>1.74</b>	Rating **	M	Issue No.	<b>62</b>
LM End	<b>1.74</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567981 °	38.567981 °
				-121.516077 °	-121.516077 °
DWR ID	DWR_NA0005_01_f_2014_62				
Action/Comments					
Inspector Comments: FS_ID:32884 EP_NO: 9259 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: backflow device next to fence area angled. FIELD_STRUCT_DESC: 12-inch cast iron water main pipe sleeved through a 20-inch steel casing 3.0 feet below the crown elevation. (Permit No. 9259, City of Sacramento-1974) FS Date: 3/7/2013					

No Photos

LM Start	<b>1.75</b>	Rating **	M	Issue No.	<b>63</b>
LM End	<b>1.75</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567886 °	38.567886 °
				-121.516082 °	-121.516082 °
DWR ID	DWR_NA0005_01_f_2014_63				
Action/Comments					
Inspector Comments: FS_ID:32886 EP_NO: 8816 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: High rodent on landward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 3 of 4: 10 inch line (no lead) encased in 16 inch casing approximately 4 feet below crown. Vent pipes installed at each end of the conductor pipe. (Permit No. 8816, Phillips Petroleum Company-1974) FS Date: 3/7/2013					

No Photos

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

**Levee Inspection Report By Mile - Fall 2014**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	11/04/2014 11/04/2014	Clay Thomas

LM Start	1.75	Rating **	M	Issue No.	64
LM End	1.75	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567888 °	38.567888 °
				-121.516082 °	-121.516082 °
DWR ID	DWR_NA0005_01_f_2014_64				
Action/Comments					
Inspector Comments: FS_ID:32885 EP_NO: 8816 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: High rodent on landward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 2 of 4: 10 inch line (premium) encased in 16 inch casing approximately 4 feet below crown. Vent pipes installed at each end of the conductor pipe. (Permit No. 8816, Phillips Petroleum Company-1974) FS Date: 3/7/2013					

No Photos

LM Start	1.75	Rating **	M	Issue No.	65
LM End	1.75	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567877 °	38.567877 °
				-121.516082 °	-121.516082 °
DWR ID	DWR_NA0005_01_f_2014_65				
Action/Comments					
Inspector Comments: FS_ID:32887 EP_NO: 8816 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: High rodent on landward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 4 of 4: 10 inch line (diesel) encased in 16 inch casing approximately 4 feet below crown. Vent pipes installed at each end of the conductor pipe. (Permit No. 8816, Phillips Petroleum Company-1974) FS Date: 3/7/2013					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> 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 2014**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	11/04/2014 11/04/2014	Clay Thomas

LM Start	<b>1.75</b>	Rating **	A/W	Issue No.	<b>144</b>
LM End	<b>1.75</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.567821 °	38.567821 °
				-121.516091 °	-121.516091 °
DWR ID	DWR_NA0005_01_s_2012_144				
Action/Comments					
Pipe					

Photo 1 of 2 : FA\_2014\_NA0005\_251\_144\_20141014\_00024.jpg



This appears to be a drain pipe under a driveway. It is a different pipe than the other photo for this issue. Fall 2011

LM Start	<b>1.75</b>	Rating **	A/W	Issue No.	<b>144 (cont)</b>
LM End	<b>1.75</b>	Issue Type +	Ma	Location *	CR

Photo 2 of 2 : FA\_2014\_NA0005\_251\_144\_20141014\_00025.jpg



A pipe on the landside shoulder crosses under the railroad tracks. Fall 2011

LM Start	<b>1.76</b>	Rating **	M	Issue No.	<b>66</b>
LM End	<b>1.76</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567793 °	38.567793 °
				-121.516047 °	-121.516047 °
DWR ID	DWR_NA0005_01_f_2014_66				
Action/Comments					
Inspector Comments: FS_ID:32888 EP_NO: 8816 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: High rodent on landward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks)					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> 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 2014**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	11/04/2014 11/04/2014	Clay Thomas

LM Start	<b>1.79</b>	Rating **	M	Issue No.	<b>67</b>
LM End	<b>1.79</b>	Issue Type +	En	Location *	CR
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.567317 °	38.567317 °	
			-121.516154 °	-121.516154 °	
DWR ID	DWR_NA0005_01_f_2014_67				
Action/Comments					
Inspector Comments: FS_ID:32889 EP_NO: 4914 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need records confirming crossing is free of leaks. FIELD_STRUCT_DESC: 8-inch pipe through the levee, 5.0 feet below the crown and along the waterward side to Levee Mile 2.41, for river crossing under the channel. (Permit No. 4914, A, B, C-Standard Oil Co.) FS Date: 3/7/2013					

No Photos

LM Start	<b>1.96</b>	Rating **	M	Issue No.	<b>7</b>
LM End	<b>2.34</b>	Issue Type +	En	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.564900 °	38.559460 °	
			-121.516253 °	-121.515085 °	
DWR ID	DWR_NA0005_01_s_2012_7				
Action/Comments					
Equipment Inspector Comments: Railroad tracks run on crown of levee, paved roadway runs along toe on waterside. This is Miller Park Marina area.					

Photo 1 of 2 : FA\_2014\_NA0005\_251\_7\_20141014\_00007.jpg



The railroad cars remain on the levee crown. Spring 2013

Photo 2 of 2 : FA\_2014\_NA0005\_251\_7\_20141014\_00008.jpg



Railroad tracks are on levee crown. The street is to the boat ramp.

LM Start	<b>1.96</b>	Rating **	M	Issue No.	<b>7 (cont)</b>
LM End	<b>2.34</b>	Issue Type +	En	Location *	CR

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

**Levee Inspection Report By Mile - Fall 2014**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	11/04/2014 11/04/2014	Clay Thomas

LM Start	<b>1.96</b>	Rating **	M	Issue No.	<b>68</b>
LM End	<b>1.96</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.564778 °	38.564778 °
				-121.563064 °	-121.563064 °
DWR ID	DWR_NA0005_01_f_2014_68				
Action/Comments					
Inspector Comments: FS_ID:38737 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: Storm drain manhole					

No Photos

LM Start	<b>1.97</b>	Rating **	M	Issue No.	<b>69</b>
LM End	<b>1.97</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.565113 °	38.565113 °
				-121.516291 °	-121.516291 °
DWR ID	DWR_NA0005_01_f_2014_69				
Action/Comments					
Inspector Comments: FS_ID:38738 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: 8 inch watermain pipe through levee and line goes up 730 feet and down 900 feet. FS Date: 3/6/2013					

No Photos

LM Start	<b>1.97</b>	Rating **	M	Issue No.	<b>70</b>
LM End	<b>1.97</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.564761 °	38.564761 °
				-121.516133 °	-121.516133 °
DWR ID	DWR_NA0005_01_f_2014_70				
Action/Comments					
Inspector Comments: FS_ID:38739 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: gas FS Date: 3/6/2013					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<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 2014**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	11/04/2014 11/04/2014	Clay Thomas

LM Start	<b>1.98</b>	Rating **	M	Issue No.	<b>71</b>
LM End	<b>1.98</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.564846 °	38.564846 °
				-121.515857 °	-121.515857 °
DWR ID	DWR_NA0005_01_f_2014_71				
Action/Comments					
Inspector Comments: FS_ID:38740 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: SMUD line FS Date: 3/6/2013					

No Photos

LM Start	<b>1.98</b>	Rating **	M	Issue No.	<b>72</b>
LM End	<b>1.98</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.564774 °	38.564774 °
				-121.515938 °	-121.515938 °
DWR ID	DWR_NA0005_01_f_2014_72				
Action/Comments					
Inspector Comments: FS_ID:38741 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: unable to determine if crossing goes through levee. FIELD_STRUCT_DESC: storm drain manhole FS Date: 3/6/2013					

No Photos

LM Start	<b>1.98</b>	Rating **	M	Issue No.	<b>73</b>
LM End	<b>1.98</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.564642 °	38.564642 °
				-121.516441 °	-121.516441 °
DWR ID	DWR_NA0005_01_f_2014_73				
Action/Comments					
Inspector Comments: FS_ID:38742 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: sump pump station FS Date: 3/6/2013					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> <b>C : Corrected</b> <b>A/W : Acceptable but Monitor &amp; Maintain</b>	<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 2014**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	11/04/2014 11/04/2014	Clay Thomas

LM Start	<b>2.04</b>	Rating **	A/W	Issue No.	<b>145</b>
LM End	<b>2.04</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.563720 °	-121.515890 °
				38.563720 °	-121.515890 °
DWR ID	DWR_NA0005_01_s_2012_145				
Action/Comments					
Pipe Inspector Comments: The pipe has been repaired by the LMA. The pipe was installed by the Railroad Museum and is in talks with the CVFPB. No permit was issued for them.					

Photo 1 of 1 : FA\_2014\_NA0005\_251\_145\_20141014\_00026.jpg



The pipe is a french drain under the railroad tracks. Was in the USACE report has not been resolved. Photo fall 2012.

LM Start	<b>2.05</b>	Rating **	M	Issue No.	<b>74</b>
LM End	<b>2.05</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.563702 °	38.563702 °
				-121.515876 °	-121.515876 °
DWR ID	DWR_NA0005_01_f_2014_74				
Action/Comments					
Inspector Comments: FS_ID:38816 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine type of crossing and status. Need to find out the alignment of crossing. FIELD_STRUCT_DESC: 1 of 4. Crossing found through railroad/levee visible on landward side. FS Date: 3/6/2013					

No Photos

LM Start	<b>2.06</b>	Rating **	M	Issue No.	<b>75</b>
LM End	<b>2.06</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.563562 °	38.563562 °
				-121.515867 °	-121.515867 °
DWR ID	DWR_NA0005_01_f_2014_75				
Action/Comments					
Inspector Comments: FS_ID:38826 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine type of crossing and status. Need to find out the alignment of crossing. FIELD_STRUCT_DESC: 2 of 4. Crossing found through railroad/levee visible on landward side. FS Date: 3/6/2013					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<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 2014**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	11/04/2014 11/04/2014	Clay Thomas

LM Start	<b>2.08</b>	Rating **	M	Issue No.	<b>76</b>
LM End	<b>2.08</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.563196 °	38.563196 °
				-121.515833 °	-121.515833 °
DWR ID	DWR_NA0005_01_f_2014_76				
Action/Comments					
Inspector Comments: FS_ID:38820 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine type of crossing and status. Need to find out the alignment of crossing. FIELD_STRUCT_DESC: 3 of 4. Crossing found through railroad/levee visible on landward side. FS Date: 3/6/2013					

No Photos

LM Start	<b>2.13</b>	Rating **	M	Issue No.	<b>77</b>
LM End	<b>2.13</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.562532 °	38.562532 °
				-121.515763 °	-121.515763 °
DWR ID	DWR_NA0005_01_f_2014_77				
Action/Comments					
Inspector Comments: FS_ID:38827 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine type of crossing and status. Need to find out the alignment of crossing. FIELD_STRUCT_DESC: 4 of 4. Crossing found through railroad/levee visible on landward side. FS Date: 3/6/2013					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> 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 2014**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	11/04/2014 11/04/2014	Clay Thomas

LM Start	<b>2.30</b>	Rating **	M	Issue No.	<b>78</b>
LM End	<b>2.30</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.560088 °	38.560088 °
				-121.515150 °	-121.515150 °
DWR ID	DWR_NA0005_01_f_2014_78				
Action/Comments					
Inspector Comments: FS_ID:38834 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to coordinate with owner to determine status of crossing. FIELD_STRUCT_DESC: 18 inch storm drain at unknown depth. Crossing information was obtained from Sacramento County GIS records. FS Date: 3/6/2013					

No Photos

LM Start	<b>2.39</b>	Rating **	M	Issue No.	<b>79</b>
LM End	<b>2.39</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.558793 °	38.558793 °
				-121.514460 °	-121.514460 °
DWR ID	DWR_NA0005_01_f_2014_79				
Action/Comments					
Inspector Comments: FS_ID:38837 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to coordinate with owner to determine status of crossing. FIELD_STRUCT_DESC: Unknown pipe size through levee. Crossing information was obtained from Sacramento County GIS records. FS Date: 3/6/2013					

No Photos

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

**Levee Inspection Report By Mile - Fall 2014**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	11/04/2014 11/04/2014	Clay Thomas

LM Start	<b>2.43</b>	Rating **	M	Issue No.	<b>80</b>
LM End	<b>2.43</b>	Issue Type +	En	Location *	CR
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.558224 °	38.558224 °	
			-121.514365 °	-121.514365 °	
DWR ID	DWR_NA0005_01_f_2014_80				
Action/Comments					
Inspector Comments: FS_ID:38839 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to coordinate with owner to determine status of crossing. FIELD_STRUCT_DESC: 18 inch storm drain at unknown depth. Crossing information was obtained from Sacramento County GIS records. FS Date: 3/6/2013					

No Photos

LM Start	<b>2.45</b>	Rating **	A/W	Issue No.	<b>8</b>
LM End	<b>2.45</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.557937 °	38.557937 °	
			-121.514237 °	-121.514237 °	
DWR ID	DWR_NA0005_01_s_2012_8				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

LM Start	<b>2.46</b>	Rating **	A/W	Issue No.	<b>21</b>
LM End	<b>2.76</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.557828 °	38.553710 °	
			-121.514193 °	-121.512863 °	
DWR ID	DWR_NA0005_01_s_2012_21				
Action/Comments					
Environmental Requirements.					

Photo 1 of 2 : FA\_2014\_NA0005\_251\_21\_20141014\_00021.jpg



A photo of the revegetation site taken spring 2012.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> 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 2014**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	11/04/2014 11/04/2014	Clay Thomas

LM Start	<b>2.46</b>	Rating **	A/W	Issue No.	<b>21 (cont)</b>
LM End	<b>2.76</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.557828 °	38.553710 °	
			-121.514193 °	-121.512863 °	
DWR ID	DWR_NA0005_01_s_2012_21				
Action/Comments					
Environmental Requirements.					

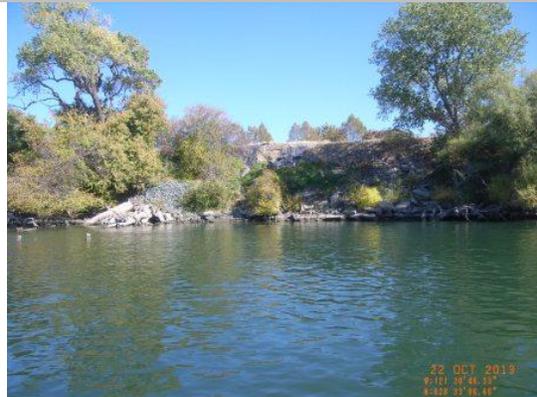
Photo 2 of 2 : FA\_2014\_NA0005\_251\_21\_20141014\_00022.jpg



This area is a revegetation site, photo taken spring 2012.

LM Start	<b>2.84</b>	Rating **	M	Issue No.	<b>11</b>
LM End	<b>2.84</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	USACE Erosion Survey		38.551578 °	38.552268 °	
			-121.512336 °	-121.512590 °	
DWR ID	DWR_NA0005_01_f_2014_11				
Action/Comments					
Inspector Comments: 1997 - Erosion at pump station, concrete debris and plastic showing. 2000 - Separation scour of bank due to poor transition. 2004 - New large tree pop out; city dumped fill dirt/rock into hole. 2006 - Minor new erosion at top of bank. 2010 - Some new rock placed in tree pop-out. 2011 - A large tree has fallen and flood fighting was performed by the city on the upper levee slope. 2012 - Small rock placed in hole from tree popout. 2013: No observed changes. [2013 Site ID: SAC_56-6_L]					

Photo 1 of 1 : FA\_2014\_NA0005\_251\_11\_20141014\_00011.jpg



USACE 2013 Photo #1

LM Start	<b>2.90</b>	Rating **	M	Issue No.	<b>10</b>
LM End	<b>2.90</b>	Issue Type +	En	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.551810 °	38.551810 °	
			-121.511838 °	-121.511838 °	
DWR ID	DWR_NA0005_01_s_2012_10				
Action/Comments					
Building					

Photo 1 of 1 : FA\_2014\_NA0005\_251\_10\_20141014\_00010.jpg



City of Sacramento pump station on the waterside of the crown of the levee.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> 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 2014**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	11/04/2014 11/04/2014	Clay Thomas

LM Start	<b>2.91</b>	Rating **	M	Issue No.	<b>81</b>
LM End	<b>2.91</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.551674 °	38.551674 °
				-121.511782 °	-121.511782 °
DWR ID	DWR_NA0005_01_f_2014_81				
Action/Comments					
Inspector Comments: FS_ID:32890 EP_NO: 2043 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: This crossing has been abandoned. According to City of Sacramento Staff the last time this crossing was fired up to see if it was functioning was 3 years ago. FIELD_STRUCT_DESC: Ranney collector on waterward slope. Ranney collector with 24 inch discharge pipe through levee. (Permit No. 2043, City of Sacramento-1955). FS Date: 3/7/2013					

No Photos

LM Start	<b>3.22</b>	Rating **	C	Issue No.	<b>16</b>
LM End	<b>3.22</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.547353 °	38.547353 °
				-121.510253 °	-121.510253 °
DWR ID	DWR_NA0005_01_f_2012_16				
Action/Comments					
Tree stumps.					

No Photos

LM Start	<b>3.29</b>	Rating **	M	Issue No.	<b>9</b>
LM End	<b>3.29</b>	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.546302 °	38.546302 °
				-121.510197 °	-121.510197 °
DWR ID	DWR_NA0005_01_f_2013_9				
Action/Comments					
Equipment Inspector Comments: There is four cars on the levee crown.					

Photo 1 of 1 : FA\_2014\_NA0005\_251\_9\_20141014\_00009.jpg



Trains cars are stored on the crown of the levee. Fall 2013

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> 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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