

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

**Sacramento Maintenance Yard Cache Creek**

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

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

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

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

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2014 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)				
Date of Inspection	04/08/2014 - 04/08/2014			
DWR Inspector	John Williamson			
Accompanied By	Ted Skidgel Sacramento Maintenance Yard			

**Summer & Winter Inspections**

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

DWR must be informed on the:

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

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

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

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

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

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

**Flood Control Project Maintenance  
Levee Inspections**

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

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.81	04/08/2014 04/08/2014	John Williamson

LM Start		Rating **	A	Issue No.	2
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals				°
				°	°
DWR ID	DWR_ST0001_01_s_2013_2				
Action/Comments					

No Photos

LM Start		Rating **	A	Issue No.	5
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment				°
				°	°
DWR ID	DWR_ST0001_01_s_2013_5				
Action/Comments					

No Photos

LM Start		Rating **	A	Issue No.	21
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training				°
				°	°
DWR ID	DWR_ST0001_01_s_2013_21				
Action/Comments					

No Photos

<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 - Spring 2014**

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.81	04/08/2014 04/08/2014	John Williamson

LM Start	<b>0.18</b>	Rating **	M	Issue No.	<b>23</b>
LM End	<b>1.63</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.716757 °	38.726610 °	
			-121.823440 °	-121.807437 °	
DWR ID	DWR_ST0001_01_s_2014_23				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : johngw\_s\_20140502\_99001.jpg



Tall grasses partially blocks visibility. Spring 2014

LM Start	<b>0.90</b>	Rating **	M	Issue No.	<b>26</b>
LM End	<b>1.63</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.719104 °	38.726610 °	
			-121.815221 °	-121.807437 °	
DWR ID	DWR_ST0001_01_s_2014_26				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : johngw\_s\_20140502\_99002.jpg



Tall grasses partially blocks visibility. Spring 2014

LM Start	<b>1.83</b>	Rating **	M	Issue No.	<b>1</b>
LM End	<b>1.83</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.729370 °	38.729370 °	
			-121.806630 °	-121.806630 °	
DWR ID	DWR_ST0001_01_s_2012_1				
Action/Comments					
Material					

Photo 1 of 3 : johngw\_s\_20140306\_523.jpg



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

<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 - Spring 2014**

**Sacramento Maintenance Yard Cache Creek**

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee		Left	11.81	04/08/2014 04/08/2014	John Williamson

LM Start	<b>1.83</b>	Rating **	M	Issue No.	<b>1 (cont)</b>
LM End	<b>1.83</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.729370 °	38.729370 °	
			-121.806630 °	-121.806630 °	
DWR ID	DWR_ST0001_01_s_2012_1				
Action/Comments					
Material					

Photo 2 of 3 : johngw\_s\_20140306\_524.jpg



Building materials stacked along landside toe. Fall 2012

LM Start	<b>1.83</b>	Rating **	M	Issue No.	<b>1 (cont)</b>
LM End	<b>1.83</b>	Issue Type +	En	Location *	LS

Photo 3 of 3 : johngw\_s\_20140502\_99003.jpg



The building material is along the toe of the levee. Spring 2014

LM Start	<b>1.86</b>	Rating **	M	Issue No.	<b>3</b>
LM End	<b>1.96</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.729828 °	38.731143 °	
			-121.806532 °	-121.806255 °	
DWR ID	DWR_ST0001_01_s_2012_3				
Action/Comments					
Landscaping					

Photo 1 of 2 : johngw\_s\_20140306\_525.jpg



The landscape vegetation needs to be trimmed for visibility of the levee slope. Fall 2011

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

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

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.81	04/08/2014 04/08/2014	John Williamson

LM Start	<b>1.86</b>	Rating **	M	Issue No.	<b>3 (cont)</b>
LM End	<b>1.96</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.729828 °	38.731143 °	
			-121.806532 °	-121.806255 °	
DWR ID	DWR_ST0001_01_s_2012_3				
Action/Comments					
Landscaping					

Photo 2 of 2 : johngw\_s\_20140502\_99004.jpg



The landscape needs to be trimmed up. Spring 2014

LM Start	<b>1.91</b>	Rating **	M	Issue No.	<b>4</b>
LM End	<b>1.91</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.730528 °	38.730528 °	
			-121.806485 °	-121.806485 °	
DWR ID	DWR_ST0001_01_s_2012_4				
Action/Comments					
Building					

Photo 1 of 1 : johngw\_s\_20140306\_526.jpg



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

LM Start	<b>1.94</b>	Rating **	M	Issue No.	<b>28</b>
LM End	<b>1.94</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.730860 °	38.730860 °	
			-121.806332 °	-121.806332 °	
DWR ID	DWR_ST0001_01_s_2014_28				
Action/Comments					
Landscaping					
Inspector Comments: Cactus at the toe of the levee.					

Photo 1 of 1 : johngw\_s\_20140502\_99005.jpg



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

<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 - Spring 2014**

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.81	04/08/2014 04/08/2014	John Williamson

LM Start	<b>1.96</b>	Rating **	M	Issue No.	<b>6</b>
LM End	<b>1.99</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.731197 °	38.731655 °
				-121.806232 °	-121.806068 °
DWR ID	DWR_ST0001_01_s_2012_6				
Action/Comments					
Landscaping Inspector Comments: Catus on the waterside berm.					

Photo 1 of 2 : johngw\_s\_20140306\_527.jpg



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

LM Start	<b>1.96</b>	Rating **	M	Issue No.	<b>6 (cont)</b>
LM End	<b>1.99</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : johngw\_s\_20140502\_99006.jpg



In the background you can see the cactus garden on the berm area. Spring 2014

LM Start	<b>1.96</b>	Rating **	M	Issue No.	<b>7</b>
LM End	<b>1.99</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.731198 °	38.731650 °
				-121.806230 °	-121.806068 °
DWR ID	DWR_ST0001_01_s_2012_7				
Action/Comments					
Landscaping					

Photo 1 of 1 : johngw\_s\_20140306\_528.jpg



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

<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 - Spring 2014**

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.81	04/08/2014 04/08/2014	John Williamson

LM Start	<b>1.98</b>	Rating **	M	Issue No.	<b>8</b>
LM End	<b>1.98</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.731507 °	38.731507 °	
			-121.806122 °	-121.806122 °	
DWR ID	DWR_ST0001_01_s_2012_8				
Action/Comments					
Building					

Photo 1 of 1 : johngw\_s\_20140306\_529.jpg



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

LM Start	<b>2.01</b>	Rating **	M	Issue No.	<b>9</b>
LM End	<b>2.01</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.731927 °	38.731927 °	
			-121.805973 °	-121.805973 °	
DWR ID	DWR_ST0001_01_s_2012_9				
Action/Comments					
Building					

Photo 1 of 1 : johngw\_s\_20140306\_530.jpg



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

LM Start	<b>2.03</b>	Rating **	M	Issue No.	<b>10</b>
LM End	<b>2.03</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.732162 °	38.732162 °	
			-121.805895 °	-121.805895 °	
DWR ID	DWR_ST0001_01_s_2012_10				
Action/Comments					
Building					

Photo 1 of 1 : johngw\_s\_20140306\_531.jpg



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

<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 - Spring 2014**

**Sacramento Maintenance Yard Cache Creek**

Waterway			Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee			Left	11.81	04/08/2014 04/08/2014	John Williamson

LM Start	<b>2.04</b>	Rating **	M	Issue No.	<b>11</b>
LM End	<b>2.04</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.732268 °	38.732268 °	
			-121.805832 °	-121.805832 °	
DWR ID	DWR_ST0001_01_s_2012_11				
Action/Comments					
Building					

Photo 1 of 1 : johngw\_s\_20140306\_532.jpg



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

LM Start	<b>2.05</b>	Rating **	M	Issue No.	<b>29</b>
LM End	<b>2.05</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.732410 °	38.732410 °	
			-121.805739 °	-121.805739 °	
DWR ID	DWR_ST0001_01_s_2014_29				
Action/Comments					
Debris					

Photo 1 of 1 : johngw\_s\_20140502\_99007.jpg



A pile of debris has been placed on the waterside of the levee. Spring 2014

LM Start	<b>2.06</b>	Rating **	M	Issue No.	<b>13</b>
LM End	<b>2.06</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.732537 °	38.732537 °	
			-121.805708 °	-121.805708 °	
DWR ID	DWR_ST0001_01_s_2012_13				
Action/Comments					
Building					

Photo 1 of 1 : johngw\_s\_20140306\_534.jpg



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

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

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

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.81	04/08/2014 04/08/2014	John Williamson

LM Start	<b>2.08</b>	Rating **	M	Issue No.	<b>17</b>
LM End	<b>2.08</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.732665 °	38.732665 °
				-121.805604 °	-121.805604 °
DWR ID	DWR_ST0001_01_s_2014_17				
Action/Comments					
Inspector Comments: FS_ID:27503 EP_NO: N/A Repair Type: Crossing Status: 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: 1/21/2014 2:55:22 PM					

Photo 1 of 1 : UCIP\_5424.jpg



Waterside view: a concrete control box with slide gate

LM Start	<b>2.09</b>	Rating **	M	Issue No.	<b>12</b>
LM End	<b>2.09</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.733000 °	38.733000 °
				-121.805409 °	-121.805409 °
DWR ID	DWR_ST0001_01_s_2012_12				
Action/Comments					
Building					

Photo 1 of 1 : johngw\_s\_20140306\_533.jpg



The building is in the easement of the levee.

<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 - Spring 2014**

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.81	04/08/2014 04/08/2014	John Williamson

LM Start	<b>2.10</b>	Rating **	M	Issue No.	<b>14</b>
LM End	<b>2.11</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.733117 °	38.733218 °	
			-121.805367 °	-121.805263 °	
DWR ID	DWR_ST0001_01_s_2012_14				
Action/Comments					
Landscaping					

Photo 1 of 1 : johngw\_s\_20140306\_535.jpg



The shrubs block visibility of the levee slope. Fall 2011

LM Start	<b>2.11</b>	Rating **	M	Issue No.	<b>15</b>
LM End	<b>2.13</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.733215 °	38.733350 °	
			-121.805262 °	-121.805082 °	
DWR ID	DWR_ST0001_01_s_2012_15				
Action/Comments					
Fence					

Photo 1 of 1 : johngw\_s\_20140306\_536.jpg



The fence blocks the visibility of the levee. Fall 2011

LM Start	<b>2.15</b>	Rating **	M	Issue No.	<b>16</b>
LM End	<b>2.15</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.733555 °	38.733555 °	
			-121.804737 °	-121.804737 °	
DWR ID	DWR_ST0001_01_s_2012_16				
Action/Comments					
Building					

Photo 1 of 1 : johngw\_s\_20140306\_537.jpg



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

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

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

**Sacramento Maintenance Yard Cache Creek**

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee		Left	11.81	04/08/2014 04/08/2014	John Williamson

LM Start	<b>2.18</b>	Rating **	M	Issue No.	<b>35</b>
LM End	<b>11.79</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.733711 °	38.698635 °	
			-121.804157 °	-121.674417 °	
DWR ID	DWR_ST0001_01_s_2014_35				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : johngw\_s\_20140502\_99008.jpg



Tall grasses partially blocks the visibility. Spring 2014

LM Start	<b>2.18</b>	Rating **	M	Issue No.	<b>36</b>
LM End	<b>11.79</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.733717 °	38.698634 °	
			-121.804154 °	-121.674417 °	
DWR ID	DWR_ST0001_01_s_2014_36				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : johngw\_s\_20140502\_99009.jpg



Tall grasses partially blocks the visibility. Spring 2014

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

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

**Sacramento Maintenance Yard Cache Creek**

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee		Left	11.81	04/08/2014 04/08/2014	John Williamson

LM Start	<b>2.51</b>	Rating **	U	Issue No.	<b>25</b>
LM End	<b>2.51</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	USACE Erosion Survey		38.732685 °	38.732836 °	
			-121.797154 °	-121.797893 °	
DWR ID					
Action/Comments					
Inspector Comments: Site identified as CRITICAL in 2002. 2006 - Currently constructing a setback levee. New failures present and extensive. Downstream end of the setback levee did not extend far enough. Upstream end was repaired. 2007 - DWR repaired with a setback levee, but the levee did not go far enough downstream. 2012 - New cracks observed. 2013: Fresh erosion on upper bank. [2013 Site ID: CHC_2-4_L]					

Photo 1 of 1 : USACE2013A\_CHC\_2-4\_L\_2.jpg



USACE 2013 Photo #1

LM Start	<b>2.65</b>	Rating **	M	Issue No.	<b>19</b>
LM End	<b>2.70</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.733080 °	38.733492 °	
			-121.796013 °	-121.795293 °	
DWR ID	DWR_ST0001_01_s_2012_19				
Action/Comments					
Equipment					

Photo 1 of 2 : johngw\_s\_20140306\_540.jpg



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

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

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

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.81	04/08/2014 04/08/2014	John Williamson

LM Start	<b>2.65</b>	Rating **	M	Issue No.	<b>19 (cont)</b>
LM End	<b>2.70</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.733080 °	38.733492 °	
			-121.796013 °	-121.795293 °	
DWR ID	DWR_ST0001_01_s_2012_19				
Action/Comments					
Equipment					

Photo 2 of 2 : johngw\_s\_20140502\_99010.jpg



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

LM Start	<b>2.66</b>	Rating **	M	Issue No.	<b>20</b>
LM End	<b>2.66</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.733132 °	38.733132 °	
			-121.795890 °	-121.795890 °	
DWR ID	DWR_ST0001_01_s_2012_20				
Action/Comments					
Building					

Photo 1 of 1 : johngw\_s\_20140306\_541.jpg



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

LM Start	<b>2.79</b>	Rating **	M	Issue No.	<b>30</b>
LM End	<b>2.83</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	USACE Erosion Survey		38.734067 °	38.734171 °	
			-121.793713 °	-121.792992 °	
DWR ID					
Action/Comments					
Inspector Comments: 2006 - Large new failure. 2008 - Plans for repair currently in the design phase. 2010 - Planned setback levee by CA DWR, 60% design complete, construction planned for 2012. 2011 - Construction delayed to 2013 - 2014. 2013: No observed changes. [2013 Site ID: CHC_2-8_L]					

Photo 1 of 1 : USACE2013A\_CHC\_2-8\_L\_2.jpg



USACE 2013 Photo #1

<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 - Spring 2014**

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.81	04/08/2014 04/08/2014	John Williamson

LM Start	<b>2.85</b>	Rating **	C	Issue No.	<b>52</b>
LM End	<b>2.85</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.734222 °	38.734222 °	
			-121.792763 °	-121.792763 °	
DWR ID	DWR_ST0001_01_f_2013_52				
Action/Comments					
Prunings					

No Photos

LM Start	<b>3.07</b>	Rating **	M	Issue No.	<b>53</b>
LM End	<b>3.07</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.734342 °	38.734342 °	
			-121.788718 °	-121.788718 °	
DWR ID	DWR_ST0001_01_f_2013_53				
Action/Comments					
Prunings					

Photo 1 of 2 : johngw\_s\_20140306\_562.jpg



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

Photo 2 of 2 : johngw\_s\_20140502\_99011.jpg



Furniture and trimmings are stacked at the toe of the levee. Spring 2014

LM Start	<b>3.07</b>	Rating **	M	Issue No.	<b>53 (cont)</b>
LM End	<b>3.07</b>	Issue Type +	En	Location *	LS

<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 - Spring 2014**

**Sacramento Maintenance Yard Cache Creek**

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee		Left	11.81	04/08/2014 04/08/2014	John Williamson

LM Start	<b>3.22</b>	Rating **	M	Issue No.	<b>38</b>
LM End	<b>3.22</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.735329 °	38.735329 °	
			-121.786265 °	-121.786265 °	
DWR ID	DWR_ST0001_01_s_2014_38				
Action/Comments					
Prunings					

Photo 1 of 1 : johngw\_s\_20140502\_99012.jpg



A collection of piles are along the toe of the levee. Spring 2014

LM Start	<b>3.48</b>	Rating **	M	Issue No.	<b>18</b>
LM End	<b>3.56</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	USACE Erosion Survey		38.732942 °	38.731626 °	
			-121.784965 °	-121.785231 °	
DWR ID					
Action/Comments					
Inspector Comments: 2006 - Some significant new erosion, especially fresh upper bank slumping. Still substantial berm. 2010 - Site extended downstream, some new erosion, heavily vegetated and hard to see. Planned setback levee by CA DWR, 60% design complete, construction planned for 2012. 2011 - Construction delayed to 2013 - 2014. 2013: No observed changes. [2013 Site ID: CHC_3-4_L]					

Photo 1 of 1 : USACE2013A\_CHC\_3-4\_L\_6.jpg



USACE 2013 Photo #1

LM Start	<b>3.61</b>	Rating **	C	Issue No.	<b>54</b>
LM End	<b>3.61</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.730687 °	38.730687 °	
			-121.784833 °	-121.784833 °	
DWR ID	DWR_ST0001_01_f_2013_54				
Action/Comments					
Prunings					

No Photos

\* Location  
LS : Land Side  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

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

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.81	04/08/2014 04/08/2014	John Williamson

LM Start	<b>3.88</b>	Rating **	C	Issue No.	<b>33</b>
LM End	<b>3.95</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			38.728165 °	38.727600 °
				-121.781673 °	-121.780359 °
DWR ID					
Action/Comments					
Inspector Comments: Site identified as CRITICAL in 2006. 2006 - Some significant new erosion, especially fresh upper bank slumping. Also have a small piping failure due to recent overbank flows. 2007 - Some new minor upper bank slumps. 2010 - Planned setback levee by CA DWR, 100% design complete, construction planned for 2011. 2011 - Minor new erosion, construction delayed to 2012. 2012 - Minimal new erosion, construction planned for 2013. 2013: Site repaired by CA Department of Water Resources with a setback levee. [2013 Site ID: CHC_3-9_L]					

No Photos

LM Start	<b>4.13</b>	Rating **	C	Issue No.	<b>34</b>
LM End	<b>4.27</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			38.727261 °	38.726903 °
				-121.776921 °	-121.774435 °
DWR ID					
Action/Comments					
Inspector Comments: Site identified as CRITICAL in 2006. 2006 - Some significant new erosion, especially fresh upper bank slumping. Also have a small piping failure due to recent overbank flows. 2010 - New erosion, flood fought in early 2010. Planned setback levee by CA DWR, 100% designs complete, construction planned for 2011. 2011 - Large sections of bank have slumped since the previous year. 2012 - Significant new erosion along top of bank. Construction planned for 2013. 2013: Site repaired by CA Department of Water Resources with a setback levee. [2013 Site ID: CHC_4-2_L]					

No Photos

<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 - Spring 2014**

**Sacramento Maintenance Yard Cache Creek**

Waterway			Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee			Left	11.81	04/08/2014 04/08/2014	John Williamson

LM Start	<b>4.27</b>	Rating **	M	Issue No.	<b>27</b>
LM End	<b>4.42</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.727047 °	38.726113 °	
			-121.774413 °	-121.771929 °	
DWR ID	DWR_ST0001_01_s_2012_27				
Action/Comments					
Landscaping					

Photo 1 of 1 : johngw\_s\_20140306\_545.jpg



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

LM Start	<b>4.32</b>	Rating **	M	Issue No.	<b>55</b>
LM End	<b>4.32</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.726785 °	38.726785 °	
			-121.773538 °	-121.773538 °	
DWR ID	DWR_ST0001_01_f_2013_55				
Action/Comments					
Prunings					

Photo 1 of 2 : johngw\_s\_20140306\_564.jpg



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

LM Start	<b>4.32</b>	Rating **	M	Issue No.	<b>55 (cont)</b>
LM End	<b>4.32</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : johngw\_s\_20140502\_99013.jpg



A pruning pile at the toe of the levee. Spring 2014

<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 - Spring 2014**

**Sacramento Maintenance Yard Cache Creek**

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee		Left	11.81	04/08/2014 04/08/2014	John Williamson

LM Start	<b>4.48</b>	Rating **	M	Issue No.	<b>42</b>
LM End	<b>4.48</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.725552 °	38.725552 °	
			-121.771159 °	-121.771159 °	
DWR ID	DWR_ST0001_01_s_2014_42				
Action/Comments					
Prunings					

Photo 1 of 1 : johngw\_s\_20140502\_99014.jpg



A pruning pile at the toe of the levee. Spring 1014

LM Start	<b>4.76</b>	Rating **	M	Issue No.	<b>24</b>
LM End	<b>4.76</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.722590 °	38.722590 °	
			-121.767294 °	-121.767294 °	
DWR ID	DWR_ST0001_01_s_2012_24				
Action/Comments					
Pipe					

Photo 1 of 1 : johngw\_s\_20140306\_542.jpg



Aluminum irrigation pipe is placed along the landside levee toe.

LM Start	<b>4.80</b>	Rating **	M	Issue No.	<b>32</b>
LM End	<b>4.80</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.722384 °	38.722384 °	
			-121.766882 °	-121.766882 °	
DWR ID	DWR_ST0001_01_s_2013_32				
Action/Comments					
Prunings					

Photo 1 of 1 : johngw\_s\_20140306\_549.jpg



Pruning's and root balls at the toe of the levee. Spring 2013

\* 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 - Spring 2014**

**Sacramento Maintenance Yard Cache Creek**

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee		Left	11.81	04/08/2014 04/08/2014	John Williamson

LM Start	<b>5.65</b>	Rating **	M	Issue No.	<b>56</b>
LM End	<b>5.65</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.724102 °	38.724102 °	
			-121.756090 °	-121.756090 °	
DWR ID	DWR_ST0001_01_f_2013_56				
Action/Comments					
Prunings					

Photo 1 of 1 : johngw\_s\_20140306\_565.jpg



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

LM Start	<b>6.31</b>	Rating **	M	Issue No.	<b>31</b>
LM End	<b>6.31</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.728084 °	38.728084 °	
			-121.746597 °	-121.746597 °	
DWR ID	DWR_ST0001_01_s_2012_31				
Action/Comments					
Tank Inspector Comments: Filter tanks, concrete slab, fertilizer tanks, and pipe through levee. No permit for pipe.					

Photo 1 of 1 : johngw\_s\_20140306\_548.jpg



Pipe through levee, filter, and fertilizer tanks are within the easement of the levee.

LM Start	<b>6.94</b>	Rating **	M	Issue No.	<b>37</b>
LM End	<b>7.24</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.728067 °	38.727508 °	
			-121.735348 °	-121.730153 °	
DWR ID	DWR_ST0001_01_s_2012_37				
Action/Comments					
Ditch					

Photo 1 of 2 : johngw\_s\_20140306\_555.jpg



The farmer cuts an ag-ditch along the landside toe, photo taken spring 2012.

<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 - Spring 2014**

**Sacramento Maintenance Yard Cache Creek**

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee		Left	11.81	04/08/2014 04/08/2014	John Williamson

LM Start	<b>6.94</b>	Rating **	M	Issue No.	<b>37 (cont)</b>
LM End	<b>7.24</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.728067 °	38.727508 °	
			-121.735348 °	-121.730153 °	
DWR ID	DWR_ST0001_01_s_2012_37				
Action/Comments					
Ditch					

Photo 2 of 2 : johngw\_s\_20140306\_556.jpg



The farmer continues to v-ditch the toe of the levee. Spring 2013

LM Start	<b>7.29</b>	Rating **	M	Issue No.	<b>41</b>
LM End	<b>7.29</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.727747 °	38.727747 °	
			-121.729290 °	-121.729290 °	
DWR ID	DWR_ST0001_01_s_2013_41				
Action/Comments					
Prunings					

Photo 1 of 2 : johngw\_s\_20140306\_559.jpg



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

LM Start	<b>7.29</b>	Rating **	M	Issue No.	<b>41 (cont)</b>
LM End	<b>7.29</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : johngw\_s\_20140502\_99015.jpg



The ongoing pruning and debris pile at the toe. Spring 2014

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

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

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.81	04/08/2014 04/08/2014	John Williamson

LM Start	<b>7.33</b>	Rating **	M	Issue No.	<b>40</b>
LM End	<b>7.38</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.727878 °	38.728085 °	
			-121.728553 °	-121.727740 °	
DWR ID	DWR_ST0001_01_s_2012_40				
Action/Comments					
Equipment					

Photo 1 of 1 : johngw\_s\_20140306\_558.jpg



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

LM Start	<b>7.33</b>	Rating **	M	Issue No.	<b>39</b>
LM End	<b>7.33</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.727870 °	38.727870 °	
			-121.728527 °	-121.728527 °	
DWR ID	DWR_ST0001_01_s_2012_39				
Action/Comments					
Building					

Photo 1 of 1 : johngw\_s\_20140306\_557.jpg



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

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

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

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.81	04/08/2014 04/08/2014	John Williamson

LM Start	<b>10.85</b>	Rating **	M	Issue No.	<b>22</b>
LM End	<b>10.85</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.701814 °	38.701814 °
				-121.690832 °	-121.690832 °
DWR ID	DWR_ST0001_01_s_2014_22				
Action/Comments					
Inspector Comments: FS_ID:13984 EP_NO: N/A Repair Type: Crossing Status: 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					

Photo 1 of 1 : UCIP\_938.jpg



Landside view: pumping plant

<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**

**Unit Cover Sheet**

**Spring 2014 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)				
Date of Inspection	04/10/2014 - 04/10/2014			
DWR Inspector	John Williamson			
Accompanied By	Ted Skidgel Sacramento Maintenance Yard			

**Summer & Winter Inspections**

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

DWR must be informed on the:

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

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

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

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

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

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

**Flood Control Project Maintenance  
Levee Inspections**

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

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.43	04/10/2014 04/10/2014	John Williamson

LM Start	<b>0.02</b>	Rating **	M	Issue No.	<b>5</b>
LM End	<b>6.41</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.727363 °	38.720086 °	
			-121.806103 °	-121.717338 °	
DWR ID	DWR_ST0001_02_s_2014_5				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Between L.M. 1.06-1.62 and L.M. 4.04-4.41 there is little or no vegetation on the levee. These areas are near orchards.					

Photo 1 of 1 : johngw\_s\_20140502\_99016.jpg



Tall grasses partially blocks visibility. Spring 2014

LM Start	<b>0.02</b>	Rating **	M	Issue No.	<b>4</b>
LM End	<b>6.41</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.727366 °	38.720086 °	
			-121.806105 °	-121.717338 °	
DWR ID	DWR_ST0001_02_s_2014_4				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Between L.M. .23-.67, L.M. 1.06-1.62, L.M. 3.42-3.57, and L.M. 4.01-4.41 there is little or no vegetation on the levee slope.					

Photo 1 of 1 : johngw\_s\_20140502\_99017.jpg



Tall grasses partially blocks visibility of the levee slope. Spring 2014

LM Start	<b>0.26</b>	Rating **	M	Issue No.	<b>17</b>
LM End	<b>0.26</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.730715 °	38.730715 °	
			-121.804958 °	-121.804958 °	
DWR ID	DWR_ST0001_02_f_2013_17				
Action/Comments					
Prunings					

Photo 1 of 2 : johngw\_s\_20140306\_578.jpg



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

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

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

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.43	04/10/2014 04/10/2014	John Williamson

LM Start	<b>0.26</b>	Rating **	M	Issue No.	<b>17 (cont)</b>
LM End	<b>0.26</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.730715 °	38.730715 °
				-121.804958 °	-121.804958 °
DWR ID	DWR_ST0001_02_f_2013_17				
Action/Comments					
Prunings					

Photo 2 of 2 : johngw\_s\_20140502\_99018.jpg



A pruning pile is at the toe of the levee. Spring 2014

LM Start	<b>0.26</b>	Rating **	N	Issue No.	<b>6</b>
LM End	<b>0.26</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.730723 °	38.730723 °
				-121.804972 °	-121.804972 °
DWR ID	DWR_ST0001_02_s_2014_6				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : johngw\_s\_20140502\_99019.jpg



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

LM Start	<b>0.68</b>	Rating **	M	Issue No.	<b>1</b>
LM End	<b>0.68</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.732229 °	38.732229 °
				-121.798922 °	-121.798922 °
DWR ID	DWR_ST0001_02_s_2012_1				
Action/Comments					
Debris					

Photo 1 of 1 : johngw\_s\_20140306\_568.jpg



Tree stakes and prunings are at the toe of the levee. Fall 2013

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

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

**Sacramento Maintenance Yard Cache Creek**

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee		Right	11.43	04/10/2014 04/10/2014	John Williamson

LM Start	<b>1.64</b>	Rating **	M	Issue No.	<b>12</b>
LM End	<b>1.64</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.730624 °	38.730624 °	
			-121.786050 °	-121.786050 °	
DWR ID	DWR_ST0001_02_f_2012_12				
Action/Comments					
Prunings					

Photo 1 of 3 : johngw\_s\_20140306\_573.jpg



The pruning pile at the toe continues to grow. Spring 2013

LM Start	<b>1.64</b>	Rating **	M	Issue No.	<b>12 (cont)</b>
LM End	<b>1.64</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : johngw\_s\_20140306\_574.jpg



The never ending pruning pile is at the toe of the levee. Fall 2013

LM Start	<b>1.64</b>	Rating **	M	Issue No.	<b>12 (cont)</b>
LM End	<b>1.64</b>	Issue Type +	En	Location *	LS

Photo 3 of 3 : johngw\_s\_20140502\_99020.jpg



A large pile of tree trimmings from the walnut orchard. Spring 2014

<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 - Spring 2014**

**Sacramento Maintenance Yard Cache Creek**

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee		Right	11.43	04/10/2014 04/10/2014	John Williamson

LM Start	<b>2.36</b>	Rating **	M	Issue No.	<b>3</b>
LM End	<b>2.36</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.726182 °	38.726182 °	
			-121.774835 °	-121.774835 °	
DWR ID	DWR_ST0001_02_s_2012_3				
Action/Comments					
Debris					

Photo 1 of 2 : johngw\_s\_20140306\_569.jpg



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

LM Start	<b>2.36</b>	Rating **	M	Issue No.	<b>3 (cont)</b>
LM End	<b>2.36</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : johngw\_s\_20140502\_99021.jpg



the pile of concrete pipe is next to the toe of the levee. Spring 2014

LM Start	<b>3.42</b>	Rating **	M	Issue No.	<b>2</b>
LM End	<b>3.42</b>	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.721348 °	38.721348 °	
			-121.759503 °	-121.759503 °	
DWR ID	DWR_ST0001_02_s_2014_2				
Action/Comments					
Inspector Comments: FS_ID:13985					

Photo 1 of 1 : UCIP\_943.jpg



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

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

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

**Sacramento Maintenance Yard Cache Creek**

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee		Right	11.43	04/10/2014 04/10/2014	John Williamson

LM Start	<b>3.48</b>	Rating **	M	Issue No.	<b>13</b>
LM End	<b>3.56</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	USACE Erosion Survey		38.722138 °	38.723294 °	
			-121.759736 °	-121.759588 °	
DWR ID					
Action/Comments					
Inspector Comments: 2010 - Large slump on the upper berm, a tree has recently slid down the slope. 2011 - Large slump and new erosion. 2012 - Slightly steeper slopes and cracks observed. 2013: No observed changes. [2013 Site ID: CHC_3-5_R]					

Photo 1 of 1 : USACE2013A\_CHC\_3-5\_R\_7.jpg



USACE 2013 Photo #1

LM Start	<b>3.48</b>	Rating **	A/W	Issue No.	<b>7</b>
LM End	<b>3.57</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.722228 °	38.723322 °	
			-121.759663 °	-121.759317 °	
DWR ID	DWR_ST0001_02_s_2012_7				
Action/Comments					
Landscaping					

Photo 1 of 1 : johngw\_s\_20140306\_570.jpg



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

<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 - Spring 2014**

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.43	04/10/2014 04/10/2014	John Williamson

LM Start	<b>3.58</b>	Rating **	M	Issue No.	<b>14</b>
LM End	<b>3.59</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			38.722933 °	38.723467 °
				-121.760561 °	-121.760436 °
DWR ID					
Action/Comments					
Inspector Comments: 2009 - Erosion into the levee slope. 2010 - Minor new erosion. 2011 - New erosion and a freshly fallen tree. 2012 - New animal holes and slightly steeper slopes. 2013: New tree popout and 2 feet of erosion along the top bank. [2013 Site ID: CHC_5-4_L]					

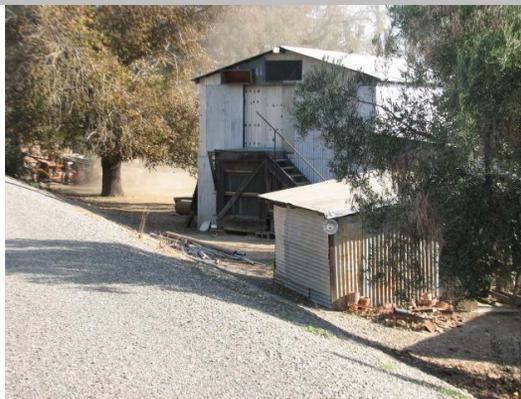
Photo 1 of 1 : USACE2013A\_CHC\_5-4\_L\_2.jpg



USACE 2013 Photo #1

LM Start	<b>4.01</b>	Rating **	M	Issue No.	<b>8</b>
LM End	<b>4.01</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.723997 °	38.723997 °
				-121.752505 °	-121.752505 °
DWR ID	DWR_ST0001_02_s_2012_8				
Action/Comments					
Building					

Photo 1 of 1 : johngw\_s\_20140306\_571.jpg



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

LM Start	<b>4.03</b>	Rating **	M	Issue No.	<b>26</b>
LM End	<b>4.03</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.724200 °	38.724200 °
				-121.752272 °	-121.752272 °
DWR ID	DWR_ST0001_02_f_2013_26				
Action/Comments					
Equipment					

Photo 1 of 1 : johngw\_s\_20140306\_581.jpg



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

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

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

**Sacramento Maintenance Yard Cache Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.43	04/10/2014 04/10/2014	John Williamson

LM Start	<b>4.04</b>	Rating **	M	Issue No.	<b>9</b>
LM End	<b>4.13</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.724317 °	38.725242 °	
			-121.752148 °	-121.751075 °	
DWR ID	DWR_ST0001_02_s_2012_9				
Action/Comments					
Landscaping					

Photo 1 of 1 : johngw\_s\_20140306\_572.jpg



The landscape shrubs block visibility of the toe. Fall 2011

LM Start	<b>4.43</b>	Rating **	C	Issue No.	<b>28</b>
LM End	<b>4.43</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.727040 °	38.727040 °	
			-121.746080 °	-121.746080 °	
DWR ID	DWR_ST0001_02_f_2013_28				
Action/Comments					
Prunings					

No Photos

LM Start	<b>4.43</b>	Rating **	M	Issue No.	<b>27</b>
LM End	<b>4.43</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.727032 °	38.727032 °	
			-121.746070 °	-121.746070 °	
DWR ID	DWR_ST0001_02_f_2013_27				
Action/Comments					
Building					

Photo 1 of 1 : johngw\_s\_20140306\_582.jpg



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

<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 - Spring 2014**

**Sacramento Maintenance Yard Cache Creek**

Waterway			Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee			Right	11.43	04/10/2014 04/10/2014	John Williamson

LM Start	<b>6.41</b>	Rating **	A	Issue No.	<b>11</b>
LM End	<b>11.42</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.720124 °	38.678026 °	
			-121.717334 °	-121.673131 °	
DWR ID	DWR_ST0001_02_s_2014_11				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : johngw\_s\_20140502\_99023.jpg



The grasses complies with the standards. Spring 2014

LM Start	<b>6.41</b>	Rating **	A	Issue No.	<b>10</b>
LM End	<b>11.42</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.720086 °	38.678025 °	
			-121.717337 °	-121.673130 °	
DWR ID	DWR_ST0001_02_s_2014_10				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : johngw\_s\_20140502\_99024.jpg



The grasses are between 2-4 inches in height. Spring 2014

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

**Unit Cover Sheet**

**Spring 2014 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)				
Date of Inspection	04/08/2014 - 04/08/2014			
DWR Inspector	John Williamson			
Accompanied By	Ted Skidgel Sacramento Maintenance Yard			

**Summer & Winter Inspections**

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

DWR must be informed on the:

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

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

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

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

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

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

**Flood Control Project Maintenance  
Levee Inspections**

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

**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	04/08/2014 04/08/2014	John Williamson

LM Start	<b>0.04</b>	Rating **	A	Issue No.	<b>2</b>
LM End	<b>2.27</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.727029 °	38.695496 °	
			-121.717904 °	-121.715923 °	
DWR ID	DWR_ST0001_04_s_2014_2				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : johngw\_s\_20140502\_99025.jpg



The vegetation complies with the standards. Spring 2014

LM Start	<b>0.04</b>	Rating **	A	Issue No.	<b>1</b>
LM End	<b>2.27</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.727029 °	38.695495 °	
			-121.717904 °	-121.715920 °	
DWR ID	DWR_ST0001_04_s_2014_1				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : johngw\_s\_20140502\_99026.jpg



The vegetation complies with the standards. Spring 2014

<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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