

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

Sacramento Maintenance Yard West Levee Yolo Bypass

	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 West Levee Yolo Bypass

Waterway	Bank	Unit Miles
Unit No. 01 West Levee	Right	2.72

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	03/11/2014 - 03/11/2014			
DWR Inspector	John Williamson			
Accompanied By	Phil Carey Sacramento Maintenance Yard			
	Ted Skidgel Sacramento Maintenance Yard			

Summer & Winter Inspections

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

DWR must be informed on the:

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

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

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

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee		Right	2.72	03/11/2014 03/11/2014	John Williamson

LM Start		Rating **	A	Issue No.	5
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_ST0011_01_s_2013_5				
Action/Comments					

No Photos

LM Start		Rating **	A	Issue No.	6
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_ST0011_01_s_2013_6				
Action/Comments					

No Photos

LM Start		Rating **	A	Issue No.	7
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_ST0011_01_s_2013_7				
Action/Comments					

No Photos

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

Levee Inspection Report By Mile - Spring 2014

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee		Right	2.72	03/11/2014 03/11/2014	John Williamson

LM Start	0.01	Rating **	A	Issue No.	172
LM End	2.72	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.758955 °	38.724230 °	
			-121.667352 °	-121.665188 °	
DWR ID	DWR_ST0011_01_f_2013_172				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 2 : johngw_s_20140306_597.jpg



The levee slope is covered with grasses or sod. Fall 2013

LM Start	0.01	Rating **	A	Issue No.	172 (cont)
LM End	2.72	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : johngw_s_20140317_621.jpg



The levee slope complies with standards. Spring 2014

LM Start	0.01	Rating **	A	Issue No.	3
LM End	2.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.758932 °	38.724242 °	
			-121.667330 °	-121.665162 °	
DWR ID	DWR_ST0011_01_s_2014_3				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 2 : johngw_s_20140306_592.jpg



Better than 50% of the levee slope are grasses. Fall 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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	2.72	03/11/2014 03/11/2014	John Williamson

LM Start	0.01	Rating **	A	Issue No.	3 (cont)
LM End	2.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.758932 °	38.724242 °	
			-121.667330 °	-121.665162 °	
DWR ID	DWR_ST0011_01_s_2014_3				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 2 of 2 : johngw_s_20140317_622.jpg



The levee slope complies with standards. Spring 2014

LM Start	0.36	Rating **	M	Issue No.	1
LM End	0.43	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.755535 °	38.754512 °	
			-121.664127 °	-121.663907 °	
DWR ID	DWR_ST0011_01_s_2012_1				
Action/Comments					
Ditch					

Photo 1 of 3 : johngw_s_20140306_590.jpg



The culvert at the end of the agricultural ditch. Fall 2013

LM Start	0.36	Rating **	M	Issue No.	1 (cont)
LM End	0.43	Issue Type +	En	Location *	LS

Photo 2 of 3 : johngw_s_20140306_591.jpg



The agricultural ditch along the levee toe. Fall 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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	2.72	03/11/2014 03/11/2014	John Williamson

LM Start	0.36	Rating **	M	Issue No.	1 (cont)
LM End	0.43	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.755535 °	38.754512 °	
			-121.664127 °	-121.663907 °	
DWR ID	DWR_ST0011_01_s_2012_1				
Action/Comments					
Ditch					

Photo 3 of 3 : johngw_s_20140317_623.jpg



The drain ditch runs along the toe of the levee. Spring 2014

LM Start	0.83	Rating **	C	Issue No.	173
LM End	0.83	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.749283 °	38.749283 °	
			-121.660768 °	-121.660768 °	
DWR ID	DWR_ST0011_01_f_2013_173				
Action/Comments					
Prunings					

No Photos

LM Start	0.93	Rating **	M	Issue No.	8
LM End	1.63	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.747888 °	38.737688 °	
			-121.660202 °	-121.660235 °	
DWR ID	DWR_ST0011_01_s_2012_8				
Action/Comments					
Ditch					

Photo 1 of 2 : johngw_s_20140306_595.jpg



The agricultural ditch runs along the toe of the levee. Fall 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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	2.72	03/11/2014 03/11/2014	John Williamson

LM Start	0.93	Rating **	M	Issue No.	8 (cont)
LM End	1.63	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.747888 °	38.737688 °
				-121.660202 °	-121.660235 °
DWR ID	DWR_ST0011_01_s_2012_8				
Action/Comments					
Ditch					

Photo 2 of 2 : johngw_s_20140306_596.jpg



Another view of the agricultural ditch at the toe. Fall 2013

LM Start	1.85	Rating **	M	Issue No.	9
LM End	1.85	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.734568 °	38.734568 °
				-121.660264 °	-121.660264 °
DWR ID	DWR_ST0011_01_s_2014_9				
Action/Comments					
Inspector Comments: FS_ID:27448 EP_NO: 10284 Repair Type: Crossing Status: UCIP Comments: Found abandoned 42-inch CM pipe on LS berm of the levee. This was abandoned by farmer, how Unknown. need to have verified if removed or concreted FIELD_STRUCT_DESC: 42-inch CM drainpipe through levee 25.0 feet below crown. Slide gate on waterward end. (ABO No. 10284 - Hershey). O&M manual 127, Revision Year 2011 FS Date: 1/21/2014 2:35:55 PM					

Photo 1 of 1 : UCIP_5412.jpg



Landside view: an abandoned CM pipe on LS berm of the levee.

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

Levee Inspection Report By Mile - Spring 2014

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee		Right	2.72	03/11/2014 03/11/2014	John Williamson

LM Start	2.53	Rating **	M	Issue No.	2
LM End	2.68	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	USACE Erosion Survey		38.725505 °	38.724385 °	
			-121.662041 °	-121.664564 °	
DWR ID					
Action/Comments					
Inspector Comments: 2006 - Slow wave wash and general fluvial erosion of the toe area under river cobbles. Erosion is creating a scarp and cobble covered wave-cut bench. 2011 - Site appears better than it looked in 2006, but still eroding. 2013: Site is part of the extended inventory, last inspected 2011. [2013 Site ID: YOL_2-6_R]					

No Photos

LM Start	2.63	Rating **	M	Issue No.	4
LM End	2.70	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.724800 °	38.724230 °	
			-121.663710 °	-121.664873 °	
DWR ID	DWR_ST0011_01_s_2012_4				
Action/Comments					
Ditch					

Photo 1 of 2 : johngw_s_20140306_593.jpg



The agricultural ditch runs along the toe of the levee. Spring 2013

LM Start	2.63	Rating **	M	Issue No.	4 (cont)
LM End	2.70	Issue Type +	En	Location *	LS

Photo 2 of 2 : johngw_s_20140317_625.jpg



The agricultural ditch runs along the toe of the levee. Spring 2014

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

Unit Cover Sheet

Spring 2014 Levee Inspection Results

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles
Unit No. 02 West Levee	Right	1.52

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	03/11/2014 - 03/11/2014			
DWR Inspector	John Williamson			
Accompanied By	Ted Skidgel Sacramento Maintenance Yard			

Summer & Winter Inspections

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 West Levee		Right	1.52	03/11/2014 03/11/2014	John Williamson

LM Start	0.00	Rating **	A	Issue No.	9
LM End	1.51	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.719040 °	38.698727 °	
			-121.664095 °	-121.674105 °	
DWR ID	DWR_ST0011_02_s_2012_9				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 2 : johngw_s_20140306_604.jpg



The levee has grasses or sod on the levee slope. Fall 2013

LM Start	0.00	Rating **	A	Issue No.	9 (cont)
LM End	1.51	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : johngw_s_20140317_626.jpg



The vegetation complies with standards. Spring 2014

LM Start	0.00	Rating **	A	Issue No.	7
LM End	1.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.719040 °	38.698727 °	
			-121.664095 °	-121.674105 °	
DWR ID	DWR_ST0011_02_s_2012_7				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 2 : johngw_s_20140306_603.jpg



The levee slope has grasses or sod. Fall 2013

<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p> <p>N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain</p>	<p>+ Issue Type</p> <p>Ma : Maintenance Deficiency Ob : Design & 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 West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 West Levee	Right	1.52	03/11/2014 03/11/2014	John Williamson

LM Start	0.00	Rating **	A	Issue No.	7 (cont)
LM End	1.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.719040 °	38.698727 °	
			-121.664095 °	-121.674105 °	
DWR ID	DWR_ST0011_02_s_2012_7				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 2 of 2 : johngw_s_20140317_627.jpg



The vegetation complies with standards. Spring 2014

LM Start	0.00	Rating **	C	Issue No.	13
LM End	0.04	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Cracking		38.718998 °	38.718430 °	
			-121.664087 °	-121.664270 °	
DWR ID	DWR_ST0011_02_f_2013_13				
Action/Comments					
Monitor and have inspected by geotechnical engineer.					

No Photos

LM Start	0.08	Rating **	M	Issue No.	4
LM End	0.21	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.718005 °	38.716140 °	
			-121.664496 °	-121.665460 °	
DWR ID	DWR_ST0011_02_s_2012_4				
Action/Comments					
Ditch					

Photo 1 of 1 : johngw_s_20140306_601.jpg



The agricultural ditch is at the toe of the levee. Fall 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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 West Levee		Right	1.52	03/11/2014 03/11/2014	John Williamson

LM Start	0.47	Rating **	M	Issue No.	3
LM End	0.97	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.712813 °	38.706018 °	
			-121.667349 °	-121.670831 °	
DWR ID	DWR_ST0011_02_s_2012_3				
Action/Comments					
Ditch					

Photo 1 of 1 : johngw_s_20140306_600.jpg



The agricultural ditch is within the easement of the levee. Fall 2013

LM Start	0.98	Rating **	M	Issue No.	2
LM End	0.98	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.705783 °	38.705783 °	
			-121.670951 °	-121.670951 °	
DWR ID	DWR_ST0011_02_s_2014_2				
Action/Comments					
Debris Inspector Comments: concrete debris on levee toe and slope.					

Photo 1 of 1 : johngw_s_20140317_628.jpg



Concrete debris is on the slope and at the toe of the levee. Spring 2014

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

Levee Inspection Report By Mile - Spring 2014

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 West Levee	Right	1.52	03/11/2014 03/11/2014	John Williamson

LM Start	0.98	Rating **	M	Issue No.	1
LM End	0.98	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.705952 °	38.705952 °
				-121.670875 °	-121.670875 °
DWR ID	DWR_ST0011_02_s_2014_1				
Action/Comments					
Inspector Comments: FS_ID:27449 EP_NO: 10288 Repair Type: Crossing Status: UCIP Comments: Sloughing at pipe day light on WS slope. A 8-inch pipe was not visible during field survey. Air vent leaking water when pump activated causing erosion around pipe on slope. FIELD_STRUCT_DESC: 24 inch pipe through levee 5.2 feet below crown; a 8-inch pipe sleeved through the 24-inch pipe with the annular space grouted, a pump in a pumphouse at the toe of the landward slope, and a siphon breaker on the waterside slope. (ABO No. 10288 - Cache Creek Ranch). FS Date: 1/21/2014 2:36:24 PM					

Photo 1 of 1 : UCIP_5416.jpg



Waterside view: overview of pipe and water channel

LM Start	1.15	Rating **	M	Issue No.	5
LM End	1.44	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.703681 °	38.699637 °
				-121.672090 °	-121.674112 °
DWR ID	DWR_ST0011_02_s_2012_5				
Action/Comments					
Ditch					

Photo 1 of 1 : johngw_s_20140306_602.jpg



The agricultural ditch is within the easement of the levee. Fall 2013

<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p> <p>N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain</p>	<p>+ Issue Type</p> <p>Ma : Maintenance Deficiency Ob : Design & 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 West Levee Yolo Bypass

Waterway	Bank	Unit Miles
Unit No. 03 West Levee	Right	1.48

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	03/11/2014 - 03/11/2014			
DWR Inspector	John Williamson			
Accompanied By	Ted Skidgel Sacramento Maintenance Yard			

Summer & Winter Inspections

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 West Levee	Right	1.48	03/11/2014 03/11/2014	John Williamson

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.66	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.698595 °	38.687363 °	
			-121.674129 °	-121.673727 °	
DWR ID	DWR_ST0011_03_s_2014_3				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : johngw_s_20140317_630.jpg



The vegetation on the slope complies with standards. Spring 2014

LM Start	0.00	Rating **	A	Issue No.	10
LM End	0.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.698595 °	38.687363 °	
			-121.674129 °	-121.673727 °	
DWR ID	DWR_ST0011_03_f_2013_10				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : johngw_s_20140317_629.jpg



The vegetation on the slope complies with standards. The Cache Weir breaks up the levee slope. Spring 2014

LM Start	1.10	Rating **	A	Issue No.	5
LM End	1.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.682404 °	38.677917 °	
			-121.672914 °	-121.672936 °	
DWR ID	DWR_ST0011_03_s_2014_5				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Cache weir is in between the levee.					

No Photos

<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p> <p>N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain</p>	<p>+ Issue Type</p> <p>Ma : Maintenance Deficiency Ob : Design & 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 West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 West Levee	Right	1.48	03/11/2014 03/11/2014	John Williamson

LM Start	1.11	Rating **	A	Issue No.	4
LM End	1.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.682405 °	38.677917 °	
			-121.672914 °	-121.672936 °	
DWR ID	DWR_ST0011_03_s_2014_4				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Cache weir is in between the levees.					

No Photos

LM Start	1.45	Rating **	M	Issue No.	1
LM End	1.45	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.677539 °	38.677539 °	
			-121.672841 °	-121.672841 °	
DWR ID	DWR_ST0011_03_s_2014_1				
Action/Comments					
Inspector Comments: FS_ID:27444 EP_NO: 10296 Repair Type: Crossing Status: UCIP Comments: Flap gate was partially opened during field survey period. Intake pipe on LS was buried wth floated debrid/logs. Debris removal or trash rack/screen is required. Two pipes are 5 ft apart from each other. Slide gate on landward end not found. FIELD_STRUCT_DESC: One of two CMP. Two 36-inch C.M. pipes through levee 20.0 feet below crown. (ABO No. 10296 Woodland Farms). FS Date: 1/21/2014 2:33:35 PM					

Photo 1 of 1 : UCIP_5405.jpg



Waterside view: CM pipes and flap gates.

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

Levee Inspection Report By Mile - Spring 2014

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 West Levee	Right	1.48	03/11/2014 03/11/2014	John Williamson

LM Start	1.46	Rating **	M	Issue No.	2
LM End	1.46	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.677527 °	38.677527 °
				-121.672839 °	-121.672839 °
DWR ID	DWR_ST0011_03_s_2014_2				
Action/Comments					
Inspector Comments: FS_ID:27445 EP_NO: 10296 Repair Type: Crossing Status: UCIP Comments: Flat gate was partially open. Intake pipes in LS buried with floating debris/wooden logs. Debris removal or trash rack/screen is required. Two pipes are 5 ft apart from each other. FIELD_STRUCT_DESC: Two of two CMP. Two 36-inch C.M. pipes through levee 20.0 feet below crown. Slide gate on landward end. (ABO No. 10296 Woodland Farms). FS Date: 1/21/2014 2:34:17 PM					

No Photos

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

Unit Cover Sheet

Spring 2014 Levee Inspection Results

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles
Unit No. 04 West Levee	Right	3.61

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	03/19/2014 - 03/19/2014			
DWR Inspector	John Williamson			
Accompanied By	Casey Lund 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 West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 West Levee	Right	3.61	03/19/2014 03/19/2014	John Williamson

LM Start	0.02	Rating **	A	Issue No.	2
LM End	3.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.574402 °	38.523809 °	
			-121.638767 °	-121.631446 °	
DWR ID	DWR_ST0011_04_s_2014_2				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : johngw_s_20140324_670.jpg



The vegetation complies with standards. Spring 2014

LM Start	0.02	Rating **	A	Issue No.	5
LM End	3.61	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.574401 °	38.523809 °	
			-121.638766 °	-121.631446 °	
DWR ID	DWR_ST0011_04_s_2014_5				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : johngw_s_20140324_671.jpg



The vegetation complies with standards. Spring 2014

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

Levee Inspection Report By Mile - Spring 2014

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 West Levee		Right	3.61	03/19/2014 03/19/2014	John Williamson

LM Start	1.78	Rating **	M	Issue No.	3
LM End	2.70	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.550387 °	38.536958 °	
			-121.631257 °	-121.631450 °	
DWR ID	DWR_ST0011_04_s_2012_3				
Action/Comments					
Ditch Inspector Comments: Location:Levee Slope Only (L/S); Remarks: Start point for drainage ditch encroaching on the landside VFZ heading south. The ditch is estimated to be greater than 6 ft deep. The top of the ditch is within 10 ft of the landside toe. Continues in approximately this configuration to point 0101.; Action: Appears to correspond to as-built conditions considering 10 foot offset, as shown on as-built drawing file number 50-4-2280. Verify ditch design. Monitor.; Status: Monitor					

Photo 1 of 2 : johngw_s_20140306_609.jpg



The agricultural ditch is within the easement of the levee. Fall 2013

LM Start	1.78	Rating **	M	Issue No.	3 (cont)
LM End	2.70	Issue Type +	En	Location *	LS

Photo 2 of 2 : johngw_s_20140324_672.jpg



The ditch runs along the toe of the landside levee slope. Spring 2014

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

Levee Inspection Report By Mile - Spring 2014

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 West Levee		Right	3.61	03/19/2014 03/19/2014	John Williamson

LM Start	2.76	Rating **	M	Issue No.	4
LM End	3.60	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.536100 °	38.523807 °	
			-121.631425 °	-121.631535 °	
DWR ID	DWR_ST0011_04_s_2012_4				
Action/Comments					
Ditch					

Photo 1 of 4 : johngw_s_20140306_610.jpg



The agricultural ditch is within the easement of the levee. Fall 2013

LM Start	2.76	Rating **	M	Issue No.	4 (cont)
LM End	3.60	Issue Type +	En	Location *	LS

Photo 2 of 4 : johngw_s_20140306_611.jpg



Looking west at the agricultural ditch. Fall 2013

<p>* Location LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain</p>	<p>+ Issue Type Ma : Maintenance Deficiency Ob : Design & 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 West Levee Yolo Bypass

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 West Levee		Right	3.61	03/19/2014 03/19/2014	John Williamson

LM Start	2.76	Rating **	M	Issue No.	4 (cont)
LM End	3.60	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.536100 °	38.523807 °	
			-121.631425 °	-121.631535 °	
DWR ID	DWR_ST0011_04_s_2012_4				
Action/Comments					
Ditch					

Photo 3 of 4 : johngw_s_20140324_673.jpg



The ditch is in the profile of the levee slope. Spring 2014

LM Start	2.76	Rating **	M	Issue No.	4 (cont)
LM End	3.60	Issue Type +	En	Location *	LS

Photo 4 of 4 : johngw_s_20140324_674.jpg



The ditch runs west for about a quarter of a mile. Spring 2014

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