

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2015 Levee Inspection Results

Sacramento Maintenance Yard Cache Creek

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

** 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 2015 Levee Inspection Results

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles
Unit No. 01 North Levee	Left	11.69

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/09/2015 - 04/09/2015			
DWR Inspector	Jai Lor			
Accompanied By	Ted Skidgel Sacramento Maintenance Yard			

Summer & Winter Inspections

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

DWR must be informed on the:

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

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

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

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	04/09/2015 04/09/2015	Jai Lor

LM Start		Rating **	A	Issue No.	2
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Operations & Maintenance Manuals			o	o
DWR ID	DWR_ST0001_01_s_2013_2				
Action/Comments					
Inspector Comments: The Sacramento Maintenance Yard has copies of the O&M Manuals, but they need to be updated by the USACE.					

No Photos

LM Start		Rating **	A	Issue No.	5
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Emergency Supplies & Equipment			o	o
DWR ID	DWR_ST0001_01_s_2013_5				
Action/Comments					
Inspector Comments: The Sacramento Maintenance Yard maintains a stockpile of flood fight materials.					

No Photos

LM Start		Rating **	A	Issue No.	21
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Flood Preparedness & Training			o	o
DWR ID	DWR_ST0001_01_s_2013_21				
Action/Comments					
Inspector Comments: The Sacramento Maintenance Yard remain current on their emergency response training and practices.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable 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 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	04/09/2015 04/09/2015	Jai Lor

LM Start	0.03	Rating **	M	Issue No.	48
LM End	0.16	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.715268 °	38.716647 °	
			-121.825345 °	-121.823667 °	
DWR ID	DWR_ST0001_01_s_2015_48				
Action/Comments					
Ditch					

No Photos

LM Start	0.14	Rating **	M	Issue No.	23
LM End	11.64	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.716392 °	38.698572 °	
			-121.824078 °	-121.675012 °	
DWR ID	DWR_ST0001_01_s_2015_23				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : SP_2015_ST0001_259_23_20150413_00038.jpg



View of vegetation on the waterward side of the levee looking upstream. Spring 2015.

LM Start	0.93	Rating **	M	Issue No.	47
LM End	1.02	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.719222 °	38.720183 °	
			-121.815130 °	-121.813995 °	
DWR ID	DWR_ST0001_01_s_2015_47				
Action/Comments					
Ditch					

No Photos

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

Levee Inspection Report By Mile - Spring 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	04/09/2015 04/09/2015	Jai Lor

LM Start	1.17	Rating **	M	Issue No.	17
LM End	1.17	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.721749 °	38.721749 °
				-121.812164 °	-121.812164 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:44352 DS_ID:16271 EP_NO: 10192 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: There is a concrete standpipe and no other pipes connected to this standpipe. The standpipe is located between setback levee and the old levee. No other structure or pipe found. FIELD_STRUCT_DESC: Abandoned 24-inch pipe through the levee 6.0 feet below crown. Slide gate in concrete riser on waterward shoulder, plate welded on waterward end. Well pump and discharge box on landward side. (ABO No. 10192 - Dewey). O&M manual 126, November, 1961 revision 2 FS Date: 04/10/2015					

No Photos

LM Start	1.19	Rating **	M	Issue No.	46
LM End	1.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.721823 °	38.726423 °
				-121.811805 °	-121.807488 °
DWR ID	DWR_ST0001_01_s_2015_46				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

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

Levee Inspection Report By Mile - Spring 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	04/09/2015 04/09/2015	Jai Lor

LM Start	1.36	Rating **	M	Issue No.	22
LM End	1.36	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.722669 °	38.722669 °	
			-121.808792 °	-121.808792 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:44351 DS_ID:16270 EP_NO: 6790 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: May need additional signs on LS of levee. FIELD_STRUCT_DESC: 6-inch gas line through the levee at an unknown elevation and under channel. Gasline marker on WS slope (Permit No. 6790 - PG&E) FS Date: 04/10/2015					

No Photos

LM Start	1.86	Rating **	C	Issue No.	1
LM End	1.86	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					

No Photos

LM Start	1.89	Rating **	M	Issue No.	3
LM End	1.98	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.729828 °	38.731143 °	
			-121.806532 °	-121.806255 °	
DWR ID	DWR_ST0001_01_s_2012_3				
Action/Comments					
Landscaping					

Photo 1 of 2 : SP_2015_ST0001_259_3_20150316_00004.jpg



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

* 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 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	04/09/2015 04/09/2015	Jai Lor

LM Start	1.89	Rating **	M	Issue No.	3 (cont)
LM End	1.98	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.729828 °	38.731143 °	
			-121.806532 °	-121.806255 °	
DWR ID	DWR_ST0001_01_s_2012_3				
Action/Comments					
Landscaping					

Photo 2 of 2 : SP_2015_ST0001_259_3_20150316_00005.jpg



The landscape needs to be trimmed up. Spring 2014

LM Start	1.94	Rating **	M	Issue No.	4
LM End	1.94	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.730528 °	38.730528 °	
			-121.806485 °	-121.806485 °	
DWR ID	DWR_ST0001_01_s_2012_4				
Action/Comments					
Building					

Photo 1 of 1 : SP_2015_ST0001_259_4_20150316_00006.jpg



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

LM Start	1.96	Rating **	M	Issue No.	28
LM End	1.96	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.730860 °	38.730860 °	
			-121.806332 °	-121.806332 °	
DWR ID	DWR_ST0001_01_s_2014_28				
Action/Comments					
Landscaping					
Inspector Comments: Cactus at the toe of the levee.					

Photo 1 of 1 : SP_2015_ST0001_259_28_20150316_00025.jpg



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

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

Levee Inspection Report By Mile - Spring 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	04/09/2015 04/09/2015	Jai Lor

LM Start	1.98	Rating **	M	Issue No.	6
LM End	2.02	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.731197 °	38.731655 °	
			-121.806232 °	-121.806068 °	
DWR ID	DWR_ST0001_01_s_2012_6				
Action/Comments					
Landscaping Inspector Comments: Catus on the waterside berm.					

Photo 1 of 2 : SP_2015_ST0001_259_6_20150316_00007.jpg



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

LM Start	1.98	Rating **	M	Issue No.	6 (cont)
LM End	2.02	Issue Type +	En	Location *	WS

Photo 2 of 2 : SP_2015_ST0001_259_6_20150316_00008.jpg



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

LM Start	1.98	Rating **	M	Issue No.	7
LM End	2.02	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.731198 °	38.731650 °	
			-121.806230 °	-121.806068 °	
DWR ID	DWR_ST0001_01_s_2012_7				
Action/Comments					
Landscaping					

Photo 1 of 1 : SP_2015_ST0001_259_7_20150316_00009.jpg



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

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

Levee Inspection Report By Mile - Spring 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	04/09/2015 04/09/2015	Jai Lor

LM Start	2.01	Rating **	M	Issue No.	8
LM End	2.01	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.731507 °	38.731507 °	
			-121.806122 °	-121.806122 °	
DWR ID	DWR_ST0001_01_s_2012_8				
Action/Comments					
Building					

Photo 1 of 1 : SP_2015_ST0001_259_8_20150316_00010.jpg



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

LM Start	2.04	Rating **	M	Issue No.	9
LM End	2.04	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.731927 °	38.731927 °	
			-121.805973 °	-121.805973 °	
DWR ID	DWR_ST0001_01_s_2012_9				
Action/Comments					
Building					

Photo 1 of 1 : SP_2015_ST0001_259_9_20150316_00011.jpg



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

LM Start	2.05	Rating **	M	Issue No.	10
LM End	2.05	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.732162 °	38.732162 °	
			-121.805895 °	-121.805895 °	
DWR ID	DWR_ST0001_01_s_2012_10				
Action/Comments					
Building					

Photo 1 of 1 : SP_2015_ST0001_259_10_20150316_00012.jpg



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

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

Levee Inspection Report By Mile - Spring 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	04/09/2015 04/09/2015	Jai Lor

LM Start	2.06	Rating **	M	Issue No.	11
LM End	2.06	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.732268 °	38.732268 °	
			-121.805832 °	-121.805832 °	
DWR ID	DWR_ST0001_01_s_2012_11				
Action/Comments					
Building					

Photo 1 of 1 : SP_2015_ST0001_259_11_20150316_00013.jpg



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

LM Start	2.08	Rating **	M	Issue No.	13
LM End	2.08	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.732537 °	38.732537 °	
			-121.805708 °	-121.805708 °	
DWR ID	DWR_ST0001_01_s_2012_13				
Action/Comments					
Building					

Photo 1 of 1 : SP_2015_ST0001_259_13_20150316_00015.jpg



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

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

Levee Inspection Report By Mile - Spring 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	04/09/2015 04/09/2015	Jai Lor

LM Start	2.08	Rating **	M	Issue No.	50
LM End	2.08	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.732665 °	38.732665 °
				-121.805604 °	-121.805604 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:44342 DS_ID:16269 EP_NO: 13077A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: A pump house located LS across the road. A debris is blocking the outlet channel of the pipe. It needs to be removed (an abandoned sofa). removed debris summer of 2013 FIELD_STRUCT_DESC: Pipe through the levee, screw gate on waterward slope. One of two pipes (30" diameter and 10" diameter) of a storm drainage system. A gate riser structure approximately 4 ft waterward of the waterside levee shoulder. A flap gate on the pipeline at the discharge structure. FS Date: 04/10/2015					

No Photos

LM Start	2.12	Rating **	M	Issue No.	12
LM End	2.12	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.733000 °	38.733000 °
				-121.805409 °	-121.805409 °
DWR ID	DWR_ST0001_01_s_2012_12				
Action/Comments					
Building					

Photo 1 of 1 : SP_2015_ST0001_259_12_20150316_00014.jpg



The building is in the easement of the levee.

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

Levee Inspection Report By Mile - Spring 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	04/09/2015 04/09/2015	Jai Lor

LM Start	2.12	Rating **	M	Issue No.	14
LM End	2.13	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.733117 °	38.733218 °
				-121.805367 °	-121.805263 °
DWR ID	DWR_ST0001_01_s_2012_14				
Action/Comments					
Landscaping					

Photo 1 of 1 : SP_2015_ST0001_259_14_20150316_00016.jpg



The shrubs block visibility of the levee slope. Fall 2011

LM Start	2.13	Rating **	M	Issue No.	15
LM End	2.15	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.733215 °	38.733350 °
				-121.805262 °	-121.805082 °
DWR ID	DWR_ST0001_01_s_2012_15				
Action/Comments					
Fence					

Photo 1 of 1 : SP_2015_ST0001_259_15_20150316_00017.jpg



The fence blocks the visibility of the levee. Fall 2011

LM Start	2.17	Rating **	M	Issue No.	16
LM End	2.17	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.733555 °	38.733555 °
				-121.804737 °	-121.804737 °
DWR ID	DWR_ST0001_01_s_2012_16				
Action/Comments					
Building					

Photo 1 of 1 : SP_2015_ST0001_259_16_20150316_00018.jpg



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

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

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Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	04/09/2015 04/09/2015	Jai Lor

LM Start	2.26	Rating **	M	Issue No.	51
LM End	2.26	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.733675 °	38.733675 °	
			-121.803009 °	-121.803009 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:44344 DS_ID:16268 EP_NO: 2415 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: May need to install gasoline marker on WS slope. FIELD_STRUCT_DESC: 20-inch gas line through the levee 4.0 feet below the crown. Two cutoff walls. Gasline indicator found on landside of the levee (Permit No. 2415 - PG&E) FS Date: 04/10/2015					

No Photos

LM Start	2.67	Rating **	M	Issue No.	37
LM End	4.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.733008 °	38.726973 °	
			-121.796152 °	-121.774282 °	
DWR ID	DWR_ST0001_01_s_2015_37				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

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

Photo 1 of 2 : SP_2015_ST0001_259_19_20150316_00020.jpg



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

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

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Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	04/09/2015 04/09/2015	Jai Lor

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

Photo 2 of 2 : SP_2015_ST0001_259_19_20150316_00021.jpg



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

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

Photo 1 of 1 : SP_2015_ST0001_259_20_20150316_00022.jpg



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

LM Start	2.82	Rating **	M	Issue No.	30
LM End	2.86	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	DWR_ST0001_01_f_2014_30				
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 : SP_2015_ST0001_259_30_20150316_00026.jpg



USACE 2013 Photo #1

* 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 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	04/09/2015 04/09/2015	Jai Lor

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

No Photos

LM Start	3.09	Rating **	M	Issue No.	53
LM End	3.09	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 : SP_2015_ST0001_259_53_20150316_00034.jpg



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

Photo 2 of 2 : SP_2015_ST0001_259_53_20150316_00035.jpg



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

LM Start	3.09	Rating **	M	Issue No.	53 (cont)
LM End	3.09	Issue Type +	En	Location *	LS

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

Levee Inspection Report By Mile - Spring 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	04/09/2015 04/09/2015	Jai Lor

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

No Photos

LM Start	3.24	Rating **	C	Issue No.	38
LM End	3.24	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					

No Photos

LM Start	3.48	Rating **	M	Issue No.	18
LM End	3.57	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	DWR_ST0001_01_f_2014_18				
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 : SP_2015_ST0001_259_18_20150316_00019.jpg



USACE 2013 Photo #1

* 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 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	04/09/2015 04/09/2015	Jai Lor

LM Start	3.66	Rating **	M	Issue No.	43
LM End	3.66	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.730280 °	38.730280 °	
			-121.784572 °	-121.784572 °	
DWR ID	DWR_ST0001_01_s_2015_43				
Action/Comments					
Prunings					

No Photos

LM Start	3.84	Rating **	M	Issue No.	42
LM End	3.87	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.728688 °	38.728753 °	
			-121.782153 °	-121.781628 °	
DWR ID	DWR_ST0001_01_s_2015_42				
Action/Comments					
Prunings					

Photo 1 of 1 : SP_2015_ST0001_259_42_20150413_00041.jpg



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

LM Start	4.28	Rating **	M	Issue No.	27
LM End	4.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.727047 °	38.726113 °	
			-121.774413 °	-121.771929 °	
DWR ID	DWR_ST0001_01_s_2012_27				
Action/Comments					
Landscaping					

Photo 1 of 1 : SP_2015_ST0001_259_27_20150316_00024.jpg



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

* 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 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	04/09/2015 04/09/2015	Jai Lor

LM Start	4.33	Rating **	M	Issue No.	55
LM End	4.33	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.726785 °	38.726785 °	
			-121.773538 °	-121.773538 °	
DWR ID	DWR_ST0001_01_f_2013_55				
Action/Comments					
Prunings					

Photo 1 of 2 : SP_2015_ST0001_259_55_20150316_00036.jpg



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

LM Start	4.33	Rating **	M	Issue No.	55 (cont)
LM End	4.33	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2015_ST0001_259_55_20150316_00037.jpg



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

LM Start	4.41	Rating **	M	Issue No.	35
LM End	4.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.726258 °	38.721388 °	
			-121.772220 °	-121.764947 °	
DWR ID	DWR_ST0001_01_s_2015_35				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

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

Levee Inspection Report By Mile - Spring 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	04/09/2015 04/09/2015	Jai Lor

LM Start	4.47	Rating **	M	Issue No.	36
LM End	4.72	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.725760 °	38.723202 °	
			-121.771432 °	-121.768155 °	
DWR ID	DWR_ST0001_01_s_2015_36				
Action/Comments					
Ditch					

No Photos

LM Start	4.78	Rating **	M	Issue No.	24
LM End	4.78	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.722590 °	38.722590 °	
			-121.767294 °	-121.767294 °	
DWR ID	DWR_ST0001_01_s_2012_24				
Action/Comments					
Pipe					

Photo 1 of 1 : SP_2015_ST0001_259_24_20150316_00023.jpg



Aluminum irrigation pipe is placed along the landside levee toe.

LM Start	4.81	Rating **	M	Issue No.	32
LM End	4.81	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.722384 °	38.722384 °	
			-121.766882 °	-121.766882 °	
DWR ID	DWR_ST0001_01_s_2013_32				
Action/Comments					
Prunings					

Photo 1 of 1 : SP_2015_ST0001_259_32_20150316_00027.jpg



Prunings and root balls at the toe of the levee. Spring 2013

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

Levee Inspection Report By Mile - Spring 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	04/09/2015 04/09/2015	Jai Lor

LM Start	5.74	Rating **	M	Issue No.	34
LM End	5.74	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.723685 °	38.723685 °	
			-121.754710 °	-121.754710 °	
DWR ID	DWR_ST0001_01_s_2015_34				
Action/Comments					
Prunings					

No Photos

LM Start	6.50	Rating **	M	Issue No.	25
LM End	11.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.728772 °	38.698572 °	
			-121.742815 °	-121.675012 °	
DWR ID	DWR_ST0001_01_s_2015_25				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	6.90	Rating **	M	Issue No.	33
LM End	6.90	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.728065 °	38.728065 °	
			-121.735623 °	-121.735623 °	
DWR ID	DWR_ST0001_01_s_2015_33				
Action/Comments					
Debris					

Photo 1 of 1 : SP_2015_ST0001_259_33_20150413_00040.jpg



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

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

Levee Inspection Report By Mile - Spring 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	04/09/2015 04/09/2015	Jai Lor

LM Start	6.91	Rating **	M	Issue No.	31
LM End	7.19	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.728033 °	38.727458 °	
			-121.735378 °	-121.730330 °	
DWR ID	DWR_ST0001_01_s_2015_31				
Action/Comments					
Ditch					

No Photos

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

Photo 1 of 2 : SP_2015_ST0001_259_41_20150316_00031.jpg



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

LM Start	7.25	Rating **	M	Issue No.	41 (cont)
LM End	7.25	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2015_ST0001_259_41_20150316_00032.jpg



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

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

Levee Inspection Report By Mile - Spring 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	04/09/2015 04/09/2015	Jai Lor

LM Start	7.30	Rating **	M	Issue No.	40
LM End	7.34	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.727878 °	38.728085 °	
			-121.728553 °	-121.727740 °	
DWR ID	DWR_ST0001_01_s_2012_40				
Action/Comments					
Equipment					

Photo 1 of 1 : SP_2015_ST0001_259_40_20150316_00030.jpg



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

LM Start	7.30	Rating **	M	Issue No.	39
LM End	7.30	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.727870 °	38.727870 °	
			-121.728527 °	-121.728527 °	
DWR ID	DWR_ST0001_01_s_2012_39				
Action/Comments					
Building					

Photo 1 of 1 : SP_2015_ST0001_259_39_20150316_00029.jpg



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

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

Photo 1 of 1 : SP_2015_ST0001_259_26_20150413_00039.jpg



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

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

Levee Inspection Report By Mile - Spring 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	04/09/2015 04/09/2015	Jai Lor

LM Start	7.69	Rating **	M	Issue No.	29
LM End	7.69	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.729027 °	38.729027 °
				-121.721683 °	-121.721683 °
DWR ID	DWR_ST0001_01_s_2015_29				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

LM Start	7.94	Rating **	M	Issue No.	56
LM End	7.94	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.727333 °	38.727333 °
				-121.718558 °	-121.718558 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:44347 DS_ID:16264 EP_NO: 12983 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Gasline markers in disrepair and should be replaced. Gasline indicator found on waterside of the levee. FIELD_STRUCT_DESC: 6-inch diameter gas pipeline through the levee (App. No. 12983 - Shell Oil Co.). To install a 4-inch and 6-inch gas pipeline crossing Cache Creek, Cache Creek levees, and the Cache Creek Settling Basin. FS Date: 04/10/2015					

No Photos

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

Levee Inspection Report By Mile - Spring 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	04/09/2015 04/09/2015	Jai Lor

LM Start	10.85	Rating **	M	Issue No.	57
LM End	10.85	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.701814 °	38.701814 °
				-121.690832 °	-121.690832 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:44349 DS_ID:17119 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe leaks, severe erosion from levee shoulder to pipe daylight on landside levee slope, summer of 2013 repaired erosion, pipe needs repaired. FIELD_STRUCT_DESC: A 18-inch soil proofed Steel Pipe 0.25" thick. FS Date: 04/10/2015					

No Photos

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

Unit Cover Sheet

Spring 2015 Levee Inspection Results

Sacramento Maintenance Yard Cache Creek

Waterway		Bank	Unit Miles
Unit No. 02 South Levee		Right	11.48

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/09/2015 - 04/09/2015			
DWR Inspector	Jai Lor			
Accompanied By	Ted Skidgel Sacramento Maintenance Yard			

Summer & Winter Inspections

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

DWR must be informed on the:

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

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

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

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	04/09/2015 04/09/2015	Jai Lor

LM Start	0.02	Rating **	M	Issue No.	5
LM End	0.16	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.727372 °	38.729278 °
				-121.806047 °	-121.805275 °
DWR ID	DWR_ST0001_02_s_2015_5				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	0.02	Rating **	M	Issue No.	4
LM End	4.32	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.727372 °	38.726432 °
				-121.806047 °	-121.749063 °
DWR ID	DWR_ST0001_02_s_2015_4				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : SP_2015_ST0001_260_4_20150413_00019.jpg



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

LM Start	0.26	Rating **	C	Issue No.	17
LM End	0.26	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					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	04/09/2015 04/09/2015	Jai Lor

LM Start	0.27	Rating **	N	Issue No.	6
LM End	0.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.730723 °	38.730723 °
				-121.804972 °	-121.804972 °
DWR ID	DWR_ST0001_02_s_2014_6				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : SP_2015_ST0001_260_6_20150316_00004.jpg



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

LM Start	0.68	Rating **	M	Issue No.	10
LM End	1.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.732278 °	38.731845 °
				-121.799095 °	-121.786175 °
DWR ID	DWR_ST0001_02_s_2015_10				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

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

Photo 1 of 1 : SP_2015_ST0001_260_1_20150316_00001.jpg



Tree stakes and pruning's are at the toe of the levee. Fall 2013

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

Levee Inspection Report By Mile - Spring 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	04/09/2015 04/09/2015	Jai Lor

LM Start	1.05	Rating **	C	Issue No.	434
LM End	1.83	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			°	38.728650 °
				°	-121.784523 °
DWR ID	DWR_ST0001_02_f_2014_434				
Action/Comments					
Prunings					

No Photos

LM Start	1.60	Rating **	A/W	Issue No.	11
LM End	1.60	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			°	38.731652 °
				°	-121.786253 °
DWR ID	DWR_ST0001_02_s_2015_11				
Action/Comments					
Inspector Comments: The erosion is down by the channel and does not appear to be in the levee prism.					

Photo 1 of 2 : SP_2015_ST0001_260_11_20150413_00020.jpg



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

LM Start	1.60	Rating **	A/W	Issue No.	11 (cont)
LM End	1.60	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2015_ST0001_260_11_20150413_00021.jpg



The view of the erosion from a distance. Spring 2015.

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

Levee Inspection Report By Mile - Spring 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	04/09/2015 04/09/2015	Jai Lor

LM Start	1.67	Rating **	M	Issue No.	12
LM End	1.67	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.730624 °	38.730624 °	
			-121.786050 °	-121.786050 °	
DWR ID	DWR_ST0001_02_f_2012_12				
Action/Comments					
Prunings					

Photo 1 of 3 : SP_2015_ST0001_260_12_20150316_00008.jpg



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

LM Start	1.67	Rating **	M	Issue No.	12 (cont)
LM End	1.67	Issue Type +	En	Location *	LS

Photo 2 of 3 : SP_2015_ST0001_260_12_20150316_00009.jpg



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

LM Start	1.67	Rating **	M	Issue No.	12 (cont)
LM End	1.67	Issue Type +	En	Location *	LS

Photo 3 of 3 : SP_2015_ST0001_260_12_20150316_00010.jpg



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

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

Levee Inspection Report By Mile - Spring 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	04/09/2015 04/09/2015	Jai Lor

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

No Photos

LM Start	2.40	Rating **	M	Issue No.	3
LM End	2.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.726182 °	38.726182 °
				-121.774835 °	-121.774835 °
DWR ID	DWR_ST0001_02_s_2012_3				
Action/Comments					
Debris					

Photo 1 of 2 : SP_2015_ST0001_260_3_20150316_00002.jpg



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

Photo 2 of 2 : SP_2015_ST0001_260_3_20150316_00003.jpg



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

LM Start	2.40	Rating **	M	Issue No.	3 (cont)
LM End	2.40	Issue Type +	Ma	Location *	LS

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

Levee Inspection Report By Mile - Spring 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	04/09/2015 04/09/2015	Jai Lor

LM Start	2.56	Rating **	M	Issue No.	16
LM End	3.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.725095 °	38.720455 °
				-121.772427 °	-121.759622 °
DWR ID	DWR_ST0001_02_s_2015_16				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	3.32	Rating **	M	Issue No.	435
LM End	3.32	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.719648 °	38.719648 °
				-121.760691 °	-121.760691 °
DWR ID	DWR_ST0001_02_f_2014_435				
Action/Comments					
Landscaping					

Photo 1 of 2 : SP_2015_ST0001_260_435_20150316_00018.jpg



Levee mile 3.28, landscaping and pruning pile. Fall 2014.

LM Start	3.32	Rating **	M	Issue No.	435 (cont)
LM End	3.32	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2015_ST0001_260_435_20150413_00022.jpg



View of the landscaping vegetation on the landward side of the levee looking downstream. The pile of pruning has been removed. Spring 2015.

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

Levee Inspection Report By Mile - Spring 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	04/09/2015 04/09/2015	Jai Lor

LM Start	3.53	Rating **	M	Issue No.	13
LM End	3.60	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	DWR_ST0001_02_f_2014_13				
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 : SP_2015_ST0001_260_13_20150316_00011.jpg



USACE 2013 Photo #1

LM Start	3.53	Rating **	A/W	Issue No.	7
LM End	3.62	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.722228 °	38.723322 °
				-121.759663 °	-121.759317 °
DWR ID	DWR_ST0001_02_s_2012_7				
Action/Comments					
Landscaping					

Photo 1 of 1 : SP_2015_ST0001_260_7_20150316_00005.jpg



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

LM Start	3.58	Rating **	M	Issue No.	14
LM End	3.59	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	DWR_ST0001_02_f_2014_14				
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 : SP_2015_ST0001_260_14_20150316_00012.jpg



USACE 2013 Photo #1

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	04/09/2015 04/09/2015	Jai Lor

LM Start	4.06	Rating **	M	Issue No.	8
LM End	4.06	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 : SP_2015_ST0001_260_8_20150316_00006.jpg



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

LM Start	4.08	Rating **	M	Issue No.	26
LM End	4.08	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.724200 °	38.724200 °
				-121.752272 °	-121.752272 °
DWR ID	DWR_ST0001_02_f_2013_26				
Action/Comments					
Equipment					

Photo 1 of 1 : SP_2015_ST0001_260_26_20150316_00015.jpg



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

LM Start	4.09	Rating **	M	Issue No.	9
LM End	4.18	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.724317 °	38.725242 °
				-121.752148 °	-121.751075 °
DWR ID	DWR_ST0001_02_s_2012_9				
Action/Comments					
Landscaping					

Photo 1 of 1 : SP_2015_ST0001_260_9_20150316_00007.jpg



The landscape shrubs block visibility of the toe. Fall 2011

* 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 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	04/09/2015 04/09/2015	Jai Lor

LM Start	4.18	Rating **	M	Issue No.	18
LM End	4.18	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.725320 °	38.725320 °	
			-121.751023 °	-121.751023 °	
DWR ID	DWR_ST0001_02_s_ 2015_18				
Action/Comments					
Prunings					

Photo 1 of 1 : SP_2015_ST0001_260_18_20150413_00023.jpg



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

LM Start	4.49	Rating **	M	Issue No.	27
LM End	4.49	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.727032 °	38.727032 °	
			-121.746070 °	-121.746070 °	
DWR ID	DWR_ST0001_02_f_ 2013_27				
Action/Comments					
Building					

Photo 1 of 1 : SP_2015_ST0001_260_27_20150316_00016.jpg



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

LM Start	4.87	Rating **	M	Issue No.	19
LM End	11.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.726860 °	38.677998 °	
			-121.739132 °	-121.673322 °	
DWR ID	DWR_ST0001_02_s_ 2015_19				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

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 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	04/09/2015 04/09/2015	Jai Lor

LM Start	4.87	Rating **	M	Issue No.	20
LM End	11.46	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.726860 °	38.677998 °	
			-121.739132 °	-121.673322 °	
DWR ID	DWR_ST0001_02_s_2015_20				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

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

Unit Cover Sheet

Spring 2015 Levee Inspection Results

Sacramento Maintenance Yard Cache Creek

Waterway		Bank	Unit Miles	
Unit No. 04 East Training Levee of Cache Creek Settling Basin		Left	2.26	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/09/2015 - 04/09/2015			
DWR Inspector	Jai Lor			
Accompanied By	Ted Skidgel Sacramento Maintenance Yard			

Summer & Winter Inspections

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

DWR must be informed on the:

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

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

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

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 East Training Levee of Cache Creek Settling Basin	Left	2.26	04/09/2015 04/09/2015	Jai Lor

LM Start	0.07	Rating **	M	Issue No.	1
LM End	2.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.726608 °	38.695600 °	
			-121.717247 °	-121.715952 °	
DWR ID	DWR_ST0001_04_s_2015_1				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : SP_2015_ST0001_261_1_20150413_00001.jpg



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

LM Start	0.07	Rating **	M	Issue No.	2
LM End	2.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.726608 °	38.695567 °	
			-121.717247 °	-121.715952 °	
DWR ID	DWR_ST0001_04_s_2015_2				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

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