

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2014 Levee Maintenance Deficiency Summary Report  
Overall LMA & Unit Ratings, including USACE Erosion Survey**

**Sacramento River Basin**

NA0006 Eastern Honcut Creek	Overall LMA Rating	Total LMA Miles						
	U	1.46						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation		2.95	11.80	810.66%				
Trim / Thin Trees		0.01	0.04	2.75%				
Encroachments					1.31	0.02		
Operations & Maintenance Manuals	0.01		0.01	0.69%				
Flood Preparedness & Training	0.01		0.01	0.69%				
<i>Supplemental</i>								
DWR UCIP Field Study					0.05			
<i>LMA Totals:</i>	0.03	2.96	11.87	815.47%	1.36	0.02	0.00	0.00

**Flood Control Project Maintenance  
Levee Inspections**

**LMA District Cover Sheet**

**Fall 2014 Levee Inspection Results**

**Eastern Honcut Creek**

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

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

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

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

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2014 Levee Inspection Results**

**Eastern Honcut Creek**

Waterway		Bank	Unit Miles
Unit No. 01 Van Tress		Left	1.46
	Spring (March - May)	Summer (June - August)	(September - November) Fall Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>U</b>
Date of Inspection	03/21/2014 - 03/21/2014		10/14/2014 - 10/14/2014
DWR Inspector	Matthew Hoffman		Matthew Hoffman
Accompanied By			

**Summer & Winter Inspections**

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

DWR must be informed on the:

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

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

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

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

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

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

**Flood Control Project Maintenance  
Levee Inspections**

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

**Eastern Honcut Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Van Tress	Left	1.46	10/14/2014 10/14/2014	Matthew Hoffman

LM Start		Rating **	A	Issue No.	<b>6</b>
LM End		Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment		°	°	°
DWR ID	DWR_NA0006_01_s_2013_6				
Action/Comments					
Inspector Comments: The LMA has stated in the past that they do have access to flood fight supplies.					

No Photos

LM Start		Rating **	M	Issue No.	<b>9</b>
LM End		Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training		°	°	°
DWR ID	DWR_NA0006_01_s_2012_9				
Action/Comments					
Inspector Comments: The LMA does not regularly attend Flood Fight classes put on by DWR.					

No Photos

LM Start		Rating **	M	Issue No.	<b>10</b>
LM End		Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals		°	°	°
DWR ID	DWR_NA0006_01_s_2012_10				
Action/Comments					
Inspector Comments: No manual was available during the inspection.					

No Photos

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

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

**Eastern Honcut Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Van Tress	Left	1.46	10/14/2014 10/14/2014	Matthew Hoffman

LM Start	<b>0.01</b>	Rating **	<b>U</b>	Issue No.	<b>1</b>
LM End	<b>1.50</b>	Issue Type +	<b>Ma</b>	Location *	<b>LS</b>
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.298521 °	39.295267 °	
			-121.569497 °	-121.546559 °	
DWR ID	DWR_NA0006_01_s_2012_1				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 1 of 2 : FA\_2014\_NA0006\_252\_1\_20141013\_00001.jpg



This photo was taken from the levee crown facing east looking at typical vegetation on both the landward and waterward levee slopes. Spring 2014.

LM Start	<b>0.01</b>	Rating **	<b>U</b>	Issue No.	<b>1 (cont)</b>
LM End	<b>1.50</b>	Issue Type +	<b>Ma</b>	Location *	<b>LS</b>

Photo 2 of 2 : FA\_2014\_NA0006\_252\_1\_20141013\_00002.jpg



This photo shows the landside of the levee at levee mile 0.10.

LM Start	<b>0.01</b>	Rating **	<b>M</b>	Issue No.	<b>2</b>
LM End	<b>0.01</b>	Issue Type +	<b>En</b>	Location *	<b>LS</b>
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.298484 °	39.298484 °	
			-121.569610 °	-121.569610 °	
DWR ID	DWR_NA0006_01_f_2014_2				
Action/Comments					
Inspector Comments: FS_ID:14731 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation on landward side obstructs inspection. Vegetation needs to be cleared to perform utility crossing					

No Photos

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

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

**Eastern Honcut Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Van Tress	Left	1.46	10/14/2014 10/14/2014	Matthew Hoffman

LM Start	<b>0.05</b>	Rating **	<b>U</b>	Issue No.	<b>3</b>
LM End	<b>1.50</b>	Issue Type +	<b>Ma</b>	Location *	<b>WS</b>
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.298849 °	39.295267 °	
			-121.569419 °	-121.546560 °	
DWR ID	DWR_NA0006_01_s_2012_3				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 1 of 1 : FA\_2014\_NA0006\_252\_3\_20141013\_00003.jpg



This photo was taken from the levee crown facing east looking at the vegetation on both the landward and waterward levee slopes.

LM Start	<b>0.09</b>	Rating **	<b>M</b>	Issue No.	<b>4</b>
LM End	<b>0.09</b>	Issue Type +	<b>En</b>	Location *	<b>WS</b>
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.299106 °	39.299106 °	
			-121.568749 °	-121.568749 °	
DWR ID	DWR_NA0006_01_f_2014_4				
Action/Comments					
Inspector Comments: FS_ID:14732 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation on waterward side and landward side obstructs inspection. Need to clear vegetation on slopes to conduct proper crossing evaluation. FIELD_STRUCT_DESC: 24-inch corrugated metal pipe through the levee 10 feet below the crown. Flap gate on the waterward end. Originally included in the O&M manual, 1953. FS Date: 5/1/2013					

No Photos

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

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

**Eastern Honcut Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Van Tress	Left	1.46	10/14/2014 10/14/2014	Matthew Hoffman

LM Start	<b>0.24</b>	Rating **	U	Issue No.	<b>16</b>
LM End	<b>0.24</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.298786 °	39.298786 °	
			-121.566159 °	-121.566159 °	
DWR ID	DWR_NA0006_01_f_2014_16				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: Trees should be trimmed up or removed to maintain visibility of landward levee slope.					

Photo 1 of 1 : FA\_2014\_NA0006\_252\_16\_20141017\_00012.jpg



This photo was taken from the crown facing west looking down the landward levee slope at trees that either need to be trimmed up or removed to provide slope visibility. Fall 2014.

LM Start	<b>0.46</b>	Rating **	U	Issue No.	<b>15</b>
LM End	<b>0.46</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.298283 °	39.298283 °	
			-121.562021 °	-121.562021 °	
DWR ID	DWR_NA0006_01_f_2014_15				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Berry bushes on waterward levee slope need to be trimmed back.					

Photo 1 of 1 : FA\_2014\_NA0006\_252\_15\_20141017\_00011.jpg



This photo was taken from the crown facing west looking down the waterward levee slope at berry bushes needing removal. Fall 2014.

LM Start	<b>0.66</b>	Rating **	M	Issue No.	<b>5</b>
LM End	<b>1.19</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.297661 °	39.295134 °	
			-121.558334 °	-121.551805 °	
DWR ID	DWR_NA0006_01_s_2012_5				
Action/Comments					
Ditch					

Photo 1 of 1 : FA\_2014\_NA0006\_252\_5\_20141013\_00004.jpg



Toe ditch parallel to levee @ w/s toe. Heavy vegetation in ditch.

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

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

**Eastern Honcut Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Van Tress	Left	1.46	10/14/2014 10/14/2014	Matthew Hoffman

LM Start	<b>0.68</b>	Rating **	M	Issue No.	<b>8</b>
LM End	<b>1.46</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.297480 °	39.295261 °
				-121.558325 °	-121.546759 °
DWR ID	DWR_NA0006_01_s_2012_8				
Action/Comments					
Ditch					

Photo 1 of 1 : FA\_2014\_NA0006\_252\_8\_20141013\_00005.jpg



Levee mile 0.85, this photo is looking upstream at a ditch on the landside toe.

LM Start	<b>1.00</b>	Rating **	M	Issue No.	<b>7</b>
LM End	<b>1.00</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.295026 °	39.295026 °
				-121.555440 °	-121.555440 °
DWR ID	DWR_NA0006_01_f_2014_7				
Action/Comments					
Inspector Comments: FS_ID:14733 EP_NO: 9610 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Scouring occurring directly across pipe on access road. Need to determine permit authorizing updates to crossing. Crossing appears to be no more than 10 years old. FIELD_STRUCT_DESC: 1 of 2: 24-inch corrugated metal irrigation pipe through the levee 6 feet below the crown. Slide gates are installed on waterward end of pipe (Permit No. 9610, 1974). Originally included in the O&M manual, 1953. FS Date: 5/1/2013					

No Photos

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

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

**Eastern Honcut Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Van Tress	Left	1.46	10/14/2014 10/14/2014	Matthew Hoffman

LM Start	<b>1.19</b>	Rating **	M	Issue No.	<b>13</b>
LM End	<b>1.19</b>	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.295099 °	39.295099 °	
			-121.551839 °	-121.551839 °	
DWR ID	DWR_NA0006_01_f_2014_13				
Action/Comments					
Inspector Comments: FS_ID:14734 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Recent repair will need to contact owner to follow-up. FIELD_STRUCT_DESC: 24-inch corrugated metal pipe through the level 10 feet below the crown. Flapgate on waterward side. FS Date: 5/1/2013					

No Photos

LM Start	<b>1.47</b>	Rating **	M	Issue No.	<b>14</b>
LM End	<b>1.47</b>	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.295238 °	39.295238 °	
			-121.546755 °	-121.546755 °	
DWR ID	DWR_NA0006_01_f_2014_14				
Action/Comments					
Inspector Comments: FS_ID:14736 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine permit authorizing work. FIELD_STRUCT_DESC: 18-inch corrugated metal pipe through the levee 8 feet below the crown. Slide gate on the landward end. Shot rock revetment on the landside near slide-gate. FS Date: 5/1/2013					

No Photos

LM Start	<b>2.00</b>	Rating **	U	Issue No.	<b>12</b>
LM End	<b>2.00</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		0.000000 °	0.000000 °	
			0.000000 °	0.000000 °	
DWR ID	DWR_NA0006_01_f_2013_12				
Action/Comments					
Building					

No Photos

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