

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2015 Levee Maintenance Deficiency Summary Report**

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

**Sacramento River Basin**

NA0001 American River Flood Control District		Overall LMA Rating	Total LMA Miles						
		<b>A</b>	<b>34.47</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<i>Earthen Levee</i>									
Vegetation	0.04		0.04	0.12%	0.84	0.37			
Encroachments	0.02		0.02	0.06%	1.10	3.26			
Animal Control	0.11		0.11	0.32%					
Slope Stability	0.07		0.07	0.20%					
<i>Supplemental</i>									
2015 USACE Erosion Survey, DRAFT	0.04		0.04	0.12%					
DWR UCIP Field Study					0.87	0.10			
<i>LMA Totals:</i>	0.28	0.00	0.28	0.81%	2.81	3.73	0.00	0.00	
<b>Unit No. 01 Arcade Creek LB</b>		Overall Unit Rating	Total Unit Miles						
NA0001		<b>A</b>	<b>2.08</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<i>Earthen Levee</i>									
Vegetation					0.03	0.03			
Encroachments	0.01		0.01	0.48%	0.33	0.26			
Animal Control	0.02		0.02	0.96%					
Slope Stability	0.04		0.04	1.92%					
<i>Supplemental</i>									
DWR UCIP Field Study					0.09	0.02			
<i>Unit Totals:</i>	0.07	0.00	0.07	3.36%	0.45	0.31	0.00	0.00	
<b>Unit No. 02 Natomas E Canal LB</b>		Overall Unit Rating	Total Unit Miles						
NA0001		<b>A</b>	<b>3.93</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<i>Earthen Levee</i>									
Encroachments					0.02				
Slope Stability	0.02		0.02	0.51%					
<i>Supplemental</i>									
DWR UCIP Field Study					0.11	0.02			
<i>Unit Totals:</i>	0.02	0.00	0.02	0.51%	0.13	0.02	0.00	0.00	
<b>Unit No. 03 American River RB</b>		Overall Unit Rating	Total Unit Miles						
NA0001		<b>A</b>	<b>2.86</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<i>Earthen Levee</i>									
Encroachments					0.01				
Animal Control	0.01		0.01	0.35%					
<i>Supplemental</i>									
DWR UCIP Field Study					0.07	0.02			
<i>Unit Totals:</i>	0.01	0.00	0.01	0.35%	0.08	0.02	0.00	0.00	

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

**Sacramento River Basin (cont.)**

<b>Unit No. 04 American River LB</b>		Overall Unit Rating	Total Unit Miles						
NA0001		<b>A</b>	<b>10.86</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<i>Earthen Levee</i>									
Vegetation	0.04		0.04	0.37%	0.60	0.19			
Encroachments					0.33	1.48			
Animal Control	0.08		0.08	0.74%					
<i>Supplemental</i>									
2015 USACE Erosion Survey, DRAFT	0.04		0.04	0.37%					
DWR UCIP Field Study					0.24	0.02			
<i>Unit Totals:</i>	0.16	0.00	0.16	1.47%	1.17	1.69	0.00	0.00	
<b>Unit No. 05 Sacramento River LB</b>		Overall Unit Rating	Total Unit Miles						
NA0001		<b>A</b>	<b>0.41</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<i>Earthen Levee</i>									
Vegetation					0.08	0.07			
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.08	0.07	0.00	0.00	
<b>Unit No. 06 Linda Creek LB</b>		Overall Unit Rating	Total Unit Miles						
NA0001		<b>A</b>	<b>1.30</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<i>Supplemental</i>									
DWR UCIP Field Study					0.02				
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.02	0.00	0.00	0.00	
<b>Unit No. 07 Arcade Creek RB</b>		Overall Unit Rating	Total Unit Miles						
NA0001		<b>A</b>	<b>1.93</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<i>Earthen Levee</i>									
Vegetation					0.01	0.05			
Encroachments	0.01		0.01	0.52%	0.03	0.16			
Slope Stability	0.01		0.01	0.52%					
<i>Supplemental</i>									
DWR UCIP Field Study					0.03	0.02			
<i>Unit Totals:</i>	0.02	0.00	0.02	1.04%	0.07	0.23	0.00	0.00	

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

**Sacramento River Basin (cont.)**

Unit No. 08 Magpie Creek Diversion LB	Overall Unit Rating	Total Unit Miles						
	A	1.44						
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						0.03		
Encroachments					0.37	0.53		
<i>Supplemental</i>								
DWR UCIP Field Study					0.02			
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.39	0.56	0.00	0.00

Unit No. 09 American River RB	Overall Unit Rating	Total Unit Miles						
	A	4.20						
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					0.01			
Encroachments						0.21		
<i>Supplemental</i>								
DWR UCIP Field Study					0.10			
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.11	0.21	0.00	0.00

Unit No. 10 American River RB	Overall Unit Rating	Total Unit Miles						
	A	3.90						
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					0.10			
Encroachments						0.62		
<i>Supplemental</i>								
DWR UCIP Field Study					0.12			
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.22	0.62	0.00	0.00

Unit No. 11 New Linda Creek LB	Overall Unit Rating	Total Unit Miles						
	A	0.73						
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>Supplemental</i>								
DWR UCIP Field Study					0.04			
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.04	0.00	0.00	0.00

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**Fall 2015 Levee Maintenance Deficiency Summary Report**

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

**Sacramento River Basin (cont.)**

Unit No. 12 American River LB	Overall Unit Rating	Total Unit Miles						
	<b>A</b>	<b>0.84</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation					0.01			
Encroachments					0.01			
<i>Supplemental</i>								
DWR UCIP Field Study					0.03			
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.05	0.00	0.00	0.00

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

**American River Flood Control District**

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

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

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

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

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2015 Levee Inspection Results**

**American River Flood Control District**

Waterway		Bank	Unit Miles	
Unit No. 01 Arcade Creek		Left	2.08	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	04/30/2015 - 04/30/2015		10/28/2015 - 11/09/2015	
DWR Inspector	Maksim Khashchuk		Maksim Khashchuk	
Accompanied By	Richard Marck ARFCD		Richard Marck ARFCD	

**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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start		Rating **	A	Issue No.	<b>2</b>
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training		°	°	°
DWR ID	DWR_NA0001_01_s_2013_2				
Action/Comments					
Inspector Comments: The LMA has current flood fight training and a written emergency plan.					

No Photos

LM Start		Rating **	A	Issue No.	<b>24</b>
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment		°	°	°
DWR ID	DWR_NA0001_01_s_2013_24				
Action/Comments					
Inspector Comments: The LMA has flood fight supplies stored at various locations throughout the district.					

No Photos

LM Start		Rating **	A	Issue No.	<b>25</b>
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals		°	°	°
DWR ID	DWR_NA0001_01_s_2013_25				
Action/Comments					
Inspector Comments: The LMA has a copy of the O&M Manual available at the office.					

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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>0.46</b>	Rating **	M	Issue No.	<b>81</b>
LM End	<b>0.46</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.623101 °	38.623101 °	
			-121.460573 °	-121.460573 °	
DWR ID	DWR_NA0001_01_f_2015_81				
Action/Comments					
Repair the levee slope damaged by foot traffic and prevent access where possible.					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_81\_20151112\_00063.jpg



View of the landside levee slope damaged by foot traffic.

LM Start	<b>0.48</b>	Rating **	A/W	Issue No.	<b>164</b>
LM End	<b>0.48</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.623227 °	38.623227 °	
			-121.460399 °	-121.460399 °	
DWR ID	DWR_NA0001_01_s_2012_164				
Action/Comments					
Note and monitor erosion site. Inspector Comments: 4'-5' diameter by 1' deep hole mid-slope on the landside.					

Photo 1 of 2 : FA\_2015\_NA0001\_51\_164\_20150910\_00034.jpg



Another view of the depression on the landside levee slope.

LM Start	<b>0.48</b>	Rating **	A/W	Issue No.	<b>164 (cont)</b>
LM End	<b>0.48</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA\_2015\_NA0001\_51\_164\_20150910\_00035.jpg



11/17/2011 Hole/depression approximately mid-slope.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>0.66</b>	Rating **	M	Issue No.	<b>185</b>
LM End	<b>0.66</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.623668 °	38.623668 °
				-121.457156 °	-121.457156 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31169 DS_ID:24800 EP_NO: N/A FS_HLM: 0.66 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 1 : UCIP\_FA\_2015\_4476.jpg



Indicator of crossing found on waterward side edge. Symbol is a Flood Control Structure (green/orange circle).

LM Start	<b>0.66</b>	Rating **	U	Issue No.	<b>186</b>
LM End	<b>0.66</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.623667 °	38.623667 °
				-121.457134 °	-121.457134 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31167 DS_ID:24266 EP_NO: 3417 FS_HLM: 0.662 Repair Type: Urgent Crossing Status: Found UCIP Comments: no markers visible on waterward or landward side indicating this is a gas line--need to contact owner to determine if this crossing is gas line. FIELD_STRUCT_DESC: 4-inch steel gas line through the levee, 1.5 feet below the crown. CM cutoff wall around pipe at center of levee. Pump hung on bridge for channel crossing. (Permit No. 3417-1961) FS Date: 12/19/2013					

Photo 1 of 3 : UCIP\_FA\_2015\_3311.jpg



View of pipe suspended over waterway.

<b>* Location</b> LS : Land Side 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>0.66</b>	Rating **	U	Issue No.	<b>186 (cont)</b>
LM End	<b>0.66</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.623667 °	38.623667 °
				-121.457134 °	-121.457134 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31167 DS_ID:24266 EP_NO: 3417 FS_HLM: 0.662 Repair Type: Urgent Crossing Status: Found UCIP Comments: no markers visible on waterward or landward side indicating this is a gas line--need to contact owner to determine if this crossing is gas line. FIELD_STRUCT_DESC: 4-inch steel gas line through the levee, 1.5 feet below the crown. CM cutoff wall around pipe at center of levee. Pump hung on bridge for channel crossing. (Permit No. 3417-1961) FS Date: 12/19/2013					

Photo 2 of 3 : UCIP\_FA\_2015\_4474.jpg



Paint on paved levee indicates crossing could be a storm drain.

LM Start	<b>0.66</b>	Rating **	U	Issue No.	<b>186 (cont)</b>
LM End	<b>0.66</b>	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_4475.jpg



View of waterward side--pipe suspended along downstream face of bridge.

<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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**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>0.74</b>	Rating **	M	Issue No.	<b>80</b>
LM End	<b>0.74</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.623887 °	38.623887 °	
			-121.455735 °	-121.455735 °	
DWR ID	DWR_NA0001_01_f_2015_80				
Action/Comments					
Fence Inspector Comments: Chain-link fence on LS toe.					

No Photos

LM Start	<b>0.75</b>	Rating **	M	Issue No.	<b>79</b>
LM End	<b>0.75</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.623929 °	38.623929 °	
			-121.455568 °	-121.455568 °	
DWR ID	DWR_NA0001_01_f_2015_79				
Action/Comments					
Fence Inspector Comments: Chain-link fence on LS toe.					

No Photos

LM Start	<b>0.76</b>	Rating **	M	Issue No.	<b>78</b>
LM End	<b>0.76</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.623975 °	38.623975 °	
			-121.455394 °	-121.455394 °	
DWR ID	DWR_NA0001_01_f_2015_78				
Action/Comments					
Fence Inspector Comments: Chain-link fence on LS toe.					

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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Unit No. 01 Arcade Creek	Left	2.08	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>0.77</b>	Rating **	U	Issue No.	<b>183</b>
LM End	<b>0.77</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.624016 °	38.624016 °	
			-121.455193 °	-121.455193 °	
DWR ID	DWR_NA0001_01_s_2012_183				
Action/Comments					
Fence Inspector Comments: Dog-eared fence built within 10' of the toe					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_183\_20150910\_00045.jpg



11/17/2011 Wooden privacy fence.

LM Start	<b>0.95</b>	Rating **	U	Issue No.	<b>182</b>
LM End	<b>0.95</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.625072 °	38.625072 °	
			-121.452225 °	-121.452225 °	
DWR ID	DWR_NA0001_01_s_2012_182				
Action/Comments					
Fence Inspector Comments: Dog-eared wooden fence built within 10' of the toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_182\_20150910\_00044.jpg



11/17/2011 Wooden privacy fence built at the levee toe.

LM Start	<b>0.96</b>	Rating **	M	Issue No.	<b>77</b>
LM End	<b>0.96</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.625093 °	38.625093 °	
			-121.452096 °	-121.452096 °	
DWR ID	DWR_NA0001_01_f_2015_77				
Action/Comments					
Fence Inspector Comments: Chain-link fence on LS toe.					

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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.00</b>	Rating **	M	Issue No.	<b>60</b>
LM End	<b>1.00</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.625161 °	38.625161 °	
			-121.451302 °	-121.451302 °	
DWR ID	DWR_NA0001_01_f_2015_60				
Action/Comments					
Repair the levee slope damaged by foot traffic and prevent access where possible.					

No Photos

LM Start	<b>1.05</b>	Rating **	M	Issue No.	<b>76</b>
LM End	<b>1.05</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.625069 °	38.625069 °	
			-121.450360 °	-121.450360 °	
DWR ID	DWR_NA0001_01_f_2015_76				
Action/Comments					
Repair the levee slope damaged by foot traffic and prevent access where possible.					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_76\_20151112\_00062.jpg



View of the waterside levee slope damaged by foot traffic.

LM Start	<b>1.14</b>	Rating **	U	Issue No.	<b>23</b>
LM End	<b>1.14</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.624869 °	38.624869 °	
			-121.448662 °	-121.448662 °	
DWR ID	DWR_NA0001_01_s_2012_23				
Action/Comments					
Fence Inspector Comments: Dog-eared wooden fence and chain link fence is built against the levee slope.					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_23\_20150910\_00020.jpg



11/17/2011 Fence built on the levee slope.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.15</b>	Rating **	U	Issue No.	<b>22</b>
LM End	<b>1.15</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.624879 °	38.624879 °	
			-121.448486 °	-121.448486 °	
DWR ID	DWR_NA0001_01_s_2012_22				
Action/Comments					
Fence Inspector Comments: Dog-eared wooden fence is built against the levee slope.					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_22\_20150910\_00019.jpg



11/17/2011 Wooden privacy fence built at the levee toe.

LM Start	<b>1.17</b>	Rating **	U	Issue No.	<b>21</b>
LM End	<b>1.17</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.624906 °	38.624906 °	
			-121.448259 °	-121.448259 °	
DWR ID	DWR_NA0001_01_s_2012_21				
Action/Comments					
Fence Inspector Comments: Dog-eared wooden fence is built against the levee slope.					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_21\_20150910\_00018.jpg



11/17/2011 Wooden privacy fence built at the levee toe.

LM Start	<b>1.17</b>	Rating **	M	Issue No.	<b>75</b>
LM End	<b>1.17</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.624928 °	38.624928 °	
			-121.448106 °	-121.448106 °	
DWR ID	DWR_NA0001_01_f_2015_75				
Action/Comments					
Prunings Inspector Comments: Tree trimmings and debris blocking visibility at LS toe.					

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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.18</b>	Rating **	U	Issue No.	<b>20</b>
LM End	<b>1.18</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.624900 °	38.624900 °
				-121.448037 °	-121.448037 °
DWR ID	DWR_NA0001_01_s_2012_20				
Action/Comments					
Fence Inspector Comments: Dog-eared wooden fence is built against the levee slope.					

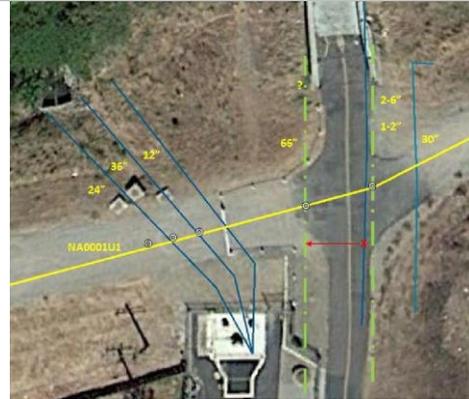
Photo 1 of 1 : FA\_2015\_NA0001\_51\_20\_20150910\_00017.jpg



Photo of solid fences built against the levee slope.

LM Start	<b>1.22</b>	Rating **	M	Issue No.	<b>187</b>
LM End	<b>1.22</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.625117 °	38.625117 °
				-121.447318 °	-121.447318 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31178 DS_ID:24248 EP_NO: 14575 FS_HLM: 1.22 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Crossing is present in the layer provided by the City of Sacramento, however this crossing was not found in the field. Need to determine status of crossing. If crossing is no longer used, owner will need to coordinate with Central Valley Flood Protection Board to comply with Title 23. FIELD_STRUCT_DESC: 30-inch concrete encased steel water main through the levee, 4.5 feet below the crown. Steel cutoff wall around pipe at center of levee. (Permit No. 14575-1988) FS Date: 12/19/2013					

Photo 1 of 1 : UCIP\_FA\_2015\_4624.jpg



Alignment indicated in blue is approximate locations for pipes that cross levee. Alignment information was obtained from the City of Sacramento.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.25</b>	Rating **	M	Issue No.	<b>74</b>
LM End	<b>1.25</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.625297 °	38.625297 °
				-121.446853 °	-121.446853 °
DWR ID	DWR_NA0001_01_f_2015_74				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Squirrel burrows visible on LS slope in area near walnut tree.					

No Photos

LM Start	<b>1.26</b>	Rating **	U	Issue No.	<b>18</b>
LM End	<b>1.26</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.625395 °	38.625395 °
				-121.446608 °	-121.446608 °
DWR ID	DWR_NA0001_01_s_2012_18				
Action/Comments					
Building Inspector Comments: Cement block building within 10-ft of toe. Storage of equipment and supplies blocking visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_18\_20150910\_00016.jpg



Fall 2009 photo: Buildings and fence near levee toe.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.28</b>	Rating **	M	Issue No.	<b>188</b>
LM End	<b>1.28</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.625500 °	38.625500 °
				-121.446390 °	-121.446390 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:29732 DS_ID:24577 EP_NO: N/A FS_HLM: 1.272 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm location--will need to coordinate with owner to determine if crossing is still active and determine location. FIELD_STRUCT_DESC: 2 of 3: 6-inch pipe through the levee, 8.0 feet below the crown. Flap gate on the waterward end. Floodgates within the levee across the channel, installed under Permit No. 14480 (1986). FS Date: 12/19/2013					

Photo 1 of 3 : UCIP\_FA\_2015\_3021.jpg



Underground service alert (USA) paint markers visible on waterward shoulder--unable to confirm type of crossings.

LM Start	<b>1.28</b>	Rating **	M	Issue No.	<b>188 (cont)</b>
LM End	<b>1.28</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_3022.jpg



Overview of levee crown.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.28</b>	Rating **	M	Issue No.	<b>188 (cont)</b>
LM End	<b>1.28</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.625500 °	38.625500 °
				-121.446390 °	-121.446390 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:29732 DS_ID:24577 EP_NO: N/A FS_HLM: 1.272 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP\_FA\_2015\_3023.jpg



Floodwall visible along waterward shoulder.

LM Start	<b>1.28</b>	Rating **	M	Issue No.	<b>189</b>
LM End	<b>1.28</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.625500 °	38.625500 °
				-121.446390 °	-121.446390 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:30085 DS_ID:24576 EP_NO: N/A FS_HLM: 1.271 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm location--will need to coordinate with owner to determine if crossing is still active and determine location. FIELD_STRUCT_DESC: 1 of 3: 16-inch pipe through the levee, 8.0 feet below the crown. Floodgates within the levee across the channel, installed under Permit No. 14480 (1986). FS Date: 12/19/2013					

Photo 1 of 3 : UCIP\_FA\_2015\_4590.jpg



Underground service alert (USA) paint markings visible on waterward slope.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.28</b>	Rating **	M	Issue No.	<b>189 (cont)</b>
LM End	<b>1.28</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.625500 °	38.625500 °
				-121.446390 °	-121.446390 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:30085 DS_ID:24576 EP_NO: N/A FS_HLM: 1.271 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm location--will need to coordinate with owner to determine if crossing is still active and determine location. FIELD_STRUCT_DESC: 1 of 3: 16-inch pipe through the levee, 8.0 feet below the crown. Floodgates within the levee across the channel, installed under Permit No. 14480 (1986). FS Date: 12/19/2013					

Photo 2 of 3 : UCIP\_FA\_2015\_4591.jpg



Overview of levee crown at crossing.

Photo 3 of 3 : UCIP\_FA\_2015\_4592.jpg



Concrete floodwall along waterward shoulder.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.30</b>	Rating **	U	Issue No.	<b>190</b>
LM End	<b>1.30</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.625603 °	38.625603 °
				-121.446035 °	-121.446035 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:29734 DS_ID:24252 EP_NO: 15152 FS_HLM: 1.297 Repair Type: Urgent Crossing Status: Indicator Found					

Photo 1 of 3 : UCIP\_FA\_2015\_3024.jpg



View of pipe across channel on the upstream face of bridge.

LM Start	<b>1.30</b>	Rating **	U	Issue No.	<b>190 (cont)</b>
LM End	<b>1.30</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_3025.jpg



View of landward side. Unable to confirm if features shown in this photo are associated with gas line.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.30</b>	Rating **	U	Issue No.	<b>190 (cont)</b>
LM End	<b>1.30</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.625603 °	38.625603 °
				-121.446035 °	-121.446035 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:29734 DS_ID:24252 EP_NO: 15152 FS_HLM: 1.297 Repair Type: Urgent Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP\_FA\_2015\_3026.jpg



View of levee crown with repair signs at crossing.

LM Start	<b>1.32</b>	Rating **	M	Issue No.	<b>73</b>
LM End	<b>1.32</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.625772 °	38.625772 °
				-121.445650 °	-121.445650 °
DWR ID	DWR_NA0001_01_f_2015_73				
Action/Comments					
Fence Inspector Comments: Chain-link fence at LS toe.					

No Photos

LM Start	<b>1.33</b>	Rating **	U	Issue No.	<b>17</b>
LM End	<b>1.33</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.625885 °	38.625885 °
				-121.445424 °	-121.445424 °
DWR ID	DWR_NA0001_01_s_2012_17				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_17\_20150910\_00015.jpg



11/17/2011 Wooden privacy fence built at the levee toe. Levee slope is being used to support the fence.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.34</b>	Rating **	N	Issue No.	<b>26</b>
LM End	<b>1.34</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.625926 °	38.625926 °
				-121.445329 °	-121.445329 °
DWR ID	DWR_NA0001_01_f_2013_26				
Action/Comments					
Tree stumps.					

No Photos

LM Start	<b>1.35</b>	Rating **	U	Issue No.	<b>50</b>
LM End	<b>1.35</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.625982 °	38.625982 °
				-121.445231 °	-121.445231 °
DWR ID	DWR_NA0001_01_s_2014_50				
Action/Comments					
Fence					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_50\_20150910\_00030.jpg



View of the fence at the landside levee toe obstructing visibility and access.

LM Start	<b>1.36</b>	Rating **	U	Issue No.	<b>16</b>
LM End	<b>1.36</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.626000 °	38.626000 °
				-121.444978 °	-121.444978 °
DWR ID	DWR_NA0001_01_s_2012_16				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_16\_20150910\_00014.jpg



11/17/2011 Wooden privacy fence built at the levee toe.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.36</b>	Rating **	N	Issue No.	<b>178</b>
LM End	<b>1.36</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.626063 °	38.626063 °	
			-121.444988 °	-121.444988 °	
DWR ID	DWR_NA0001_01_s_2012_178				
Action/Comments					
Tree stumps. Inspector Comments: Two stumps at landside toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_178\_20150910\_00043.jpg



11/17/2011 Two stumps at levee toe.

LM Start	<b>1.37</b>	Rating **	U	Issue No.	<b>15</b>
LM End	<b>1.37</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.626048 °	38.626048 °	
			-121.444785 °	-121.444785 °	
DWR ID	DWR_NA0001_01_s_2012_15				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence LS toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_15\_20151112\_00061.jpg



View of the fence at the landside levee toe.

LM Start	<b>1.38</b>	Rating **	U	Issue No.	<b>14</b>
LM End	<b>1.38</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.626085 °	38.626085 °	
			-121.444580 °	-121.444580 °	
DWR ID	DWR_NA0001_01_s_2012_14				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_14\_20150910\_00012.jpg



11/17/2011 Wooden privacy fence built at the levee toe.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.40</b>	Rating **	M	Issue No.	<b>38</b>
LM End	<b>1.40</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.626210 °	38.626210 °	
			-121.444320 °	-121.444320 °	
DWR ID	DWR_NA0001_01_s_2012_38				
Action/Comments					
Building Inspector Comments: Small wooden storage shed and firewood are placed along chain link fence within 10-ft of levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_38\_20150910\_00028.jpg



11/17/2011 Shed and firewood can be seen through the chainlink fence.

LM Start	<b>1.40</b>	Rating **	U	Issue No.	<b>13</b>
LM End	<b>1.40</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.626155 °	38.626155 °	
			-121.444250 °	-121.444250 °	
DWR ID	DWR_NA0001_01_s_2012_13				
Action/Comments					
Fence Inspector Comments: Wooden fence with barbed wire is built within 10-ft of levee toe. 04/13/2011 Fence has blown over and now partially rests on the levee. Fall insp 2011 fence has been rebuilt in same location, within 10' of levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_13\_20150910\_00011.jpg



11/17/2011 New wooden privacy fence built within 15' of the levee toe.

LM Start	<b>1.41</b>	Rating **	N	Issue No.	<b>72</b>
LM End	<b>1.41</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.626253 °	38.626253 °	
			-121.444165 °	-121.444165 °	
DWR ID	DWR_NA0001_01_f_2015_72				
Action/Comments					
Tree stumps.					

No Photos

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.41</b>	Rating **	U	Issue No.	<b>12</b>
LM End	<b>1.41</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.626212 °	38.626212 °	
			-121.444082 °	-121.444082 °	
DWR ID	DWR_NA0001_01_s_2012_12				
Action/Comments					
Fence Inspector Comments: Dog-eared wooden fence is built near the levee slope.					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_12\_20150910\_00010.jpg



11/17/2011 Wooden privacy fence built within 15' of the levee toe.

LM Start	<b>1.42</b>	Rating **	U	Issue No.	<b>177</b>
LM End	<b>1.42</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.626388 °	38.626388 °	
			-121.443910 °	-121.443910 °	
DWR ID	DWR_NA0001_01_s_2012_177				
Action/Comments					
Landscaping Inspector Comments: Thick vegetation at the toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_177\_20150910\_00042.jpg



11/17/2011 Thick vegetation at the levee toe.

LM Start	<b>1.42</b>	Rating **	M	Issue No.	<b>71</b>
LM End	<b>1.42</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.626388 °	38.626388 °	
			-121.443905 °	-121.443905 °	
DWR ID	DWR_NA0001_01_f_2015_71				
Action/Comments					
Fence Inspector Comments: Chain-link fence at LS toe.					

No Photos

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.44</b>	Rating **	U	Issue No.	<b>70</b>
LM End	<b>1.44</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.626589 °	38.626589 °	
			-121.443640 °	-121.443640 °	
DWR ID	DWR_NA0001_01_f_2015_70				
Action/Comments					
Fence Inspector Comments: Rought iron fence at LS toe blocks access.					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_70\_20151112\_00060.jpg



View of the fence at the landside levee toe.

LM Start	<b>1.47</b>	Rating **	A/W	Issue No.	<b>176</b>
LM End	<b>1.47</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.626881 °	38.626881 °	
			-121.443253 °	-121.443253 °	
DWR ID	DWR_NA0001_01_s_2012_176				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence within 10' of the levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_176\_20150910\_00041.jpg



11/17/2011 Wooden privacy fence built within 15' of the levee toe.

LM Start	<b>1.50</b>	Rating **	M	Issue No.	<b>69</b>
LM End	<b>1.50</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.627094 °	38.627094 °	
			-121.442917 °	-121.442917 °	
DWR ID	DWR_NA0001_01_f_2015_69				
Action/Comments					
Fence Inspector Comments: Chain-link fence on LS toe.					

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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.52</b>	Rating **	N	Issue No.	<b>56</b>
LM End	<b>1.52</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.627224 °	38.627224 °	
			-121.442515 °	-121.442515 °	
DWR ID	DWR_NA0001_01_s_2012_56				
Action/Comments					
Tree stumps. Inspector Comments: 5 stumps 14 to 30 Inches in diameter.					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_56\_20150910\_00032.jpg



Several large stumps on levee slope.

LM Start	<b>1.53</b>	Rating **	M	Issue No.	<b>35</b>
LM End	<b>1.53</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.627255 °	38.627255 °	
			-121.442402 °	-121.442402 °	
DWR ID	DWR_NA0001_01_s_2012_35				
Action/Comments					
Landscaping Inspector Comments: Bushes and trees along chain link fence block access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_35\_20150910\_00027.jpg



Fall 2009 photo:Vegetation obstructing visibility near levee slope.

LM Start	<b>1.54</b>	Rating **	M	Issue No.	<b>68</b>
LM End	<b>1.54</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.627283 °	38.627283 °	
			-121.442180 °	-121.442180 °	
DWR ID	DWR_NA0001_01_f_2015_68				
Action/Comments					
Landscape Irrigation Inspector Comments: Cactus planted along LS toe.					

No Photos

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

**Levee Inspection Report By Mile - Fall 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.55</b>	Rating **	M	Issue No.	<b>49</b>
LM End	<b>1.55</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627297 °	38.627297 °
				-121.441961 °	-121.441961 °
DWR ID	DWR_NA0001_01_f_2015_49				
Action/Comments					
Fence Inspector Comments: Chain-link fence on LS toe.					

No Photos

LM Start	<b>1.57</b>	Rating **	M	Issue No.	<b>184</b>
LM End	<b>1.57</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.627277 °	38.627277 °
				-121.441650 °	-121.441650 °
DWR ID	DWR_NA0001_01_f_2015_184				
Action/Comments					
Inspector Comments: FS_ID:46793 DS_ID:24573 EP_NO: N/A FS_HLM: 1.571 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 11/12/15 Markers have been installed on both levees--confirmed during DWR Fall Inspection. Need to coordinate with PG&E to determine permit for this crossing.12/19/13 No markers visible indicating crossing through levee. PG&E line. Need to coordinate with owner. Permit? FIELD_STRUCT_DESC: 2 of 2: 6-inch pipe through the levee, below ground elevation and under the channel. FS Date: 11/12/2015					

Photo 1 of 3 : UCIP\_FA\_2015\_4625.jpg



View of waterward side.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.57</b>	Rating **	M	Issue No.	<b>184 (cont)</b>
LM End	<b>1.57</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.627277 °	38.627277 °
				-121.441650 °	-121.441650 °
DWR ID	DWR_NA0001_01_f_2015_184				
Action/Comments					
Inspector Comments: FS_ID:46793 DS_ID:24573 EP_NO: N/A FS_HLM: 1.571 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 11/12/15 Markers have been installed on both levees--confirmed during DWR Fall Inspection. Need to coordinate with PG&E to determine permit for this crossing.12/19/13 No markers visible indicating crossing through levee. PG&E line. Need to coordinate with owner. Permit? FIELD_STRUCT_DESC: 2 of 2: 6-inch pipe through the levee, below ground elevation and under the channel. FS Date: 11/12/2015					

Photo 2 of 3 : UCIP\_FA\_2015\_4626.jpg



Overview of area near crossing. Inspector is standing where crossing goes through levee.

LM Start	<b>1.57</b>	Rating **	M	Issue No.	<b>184 (cont)</b>
LM End	<b>1.57</b>	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_5876.jpg



Markers installed on both levees in 2015.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.58</b>	Rating **	M	Issue No.	<b>191</b>
LM End	<b>1.58</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.627241 °	38.627241 °
				-121.441465 °	-121.441465 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31182 DS_ID:24255 EP_NO: N/A FS_HLM: 1.58 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_4627.jpg



Alignment in blue is an estimate of pipe alignment provided by the City of Sacramento. The symbol at LM 1.58 is field confirmed location.

LM Start	<b>1.58</b>	Rating **	M	Issue No.	<b>191 (cont)</b>
LM End	<b>1.58</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_4628.jpg



Overview of levee at crossing.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.58</b>	Rating **	M	Issue No.	<b>191 (cont)</b>
LM End	<b>1.58</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.627241 °	38.627241 °
				-121.441465 °	-121.441465 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31182 DS_ID:24255 EP_NO: N/A FS_HLM: 1.58 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_4629.jpg



View of concrete vault located on waterward apex.

LM Start	<b>1.58</b>	Rating **	A/W	Issue No.	<b>54</b>
LM End	<b>1.58</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.627251 °	38.627251 °
				-121.441460 °	-121.441460 °
DWR ID	DWR_NA0001_01_s_2012_54				
Action/Comments					
Repair the levee slope damaged by foot traffic and prevent access where possible.					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_54\_20150910\_00031.jpg



Slope stability due to foot traffic needs to be monitored.

LM Start	<b>1.60</b>	Rating **	M	Issue No.	<b>67</b>
LM End	<b>1.60</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627207 °	38.627207 °
				-121.441104 °	-121.441104 °
DWR ID	DWR_NA0001_01_f_2015_67				
Action/Comments					
Fence Inspector Comments: Fence at landside levee toe. 6 fruit trees and various cactus plants at LS toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_67\_20151112\_00059.jpg



View of the fence and landscaping at the landside levee toe.

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/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 - Fall 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.61</b>	Rating **	M	Issue No.	<b>66</b>
LM End	<b>1.68</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.627195 °	38.627500 °	
			-121.440974 °	-121.439766 °	
DWR ID	DWR_NA0001_01_f_2015_66				
Action/Comments					
Fence Inspector Comments: Fence at landside levee toe.					

No Photos

LM Start	<b>1.61</b>	Rating **	N	Issue No.	<b>31</b>
LM End	<b>1.61</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.627191 °	38.627191 °	
			-121.440861 °	-121.440861 °	
DWR ID	DWR_NA0001_01_f_2012_31				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_31\_20150910\_00025.jpg



View of large tree stump at levee toe.

LM Start	<b>1.65</b>	Rating **	N	Issue No.	<b>173</b>
LM End	<b>1.65</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.627297 °	38.627297 °	
			-121.440188 °	-121.440188 °	
DWR ID	DWR_NA0001_01_f_2015_173				
Action/Comments					
Tree stumps. Inspector Comments: Large stump at levee toe. Remove stump next construction season.					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_173\_20150910\_00040.jpg



11/17/2011 Stump at levee toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.69</b>	Rating **	M	Issue No.	<b>65</b>
LM End	<b>1.69</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.627585 °	38.627585 °	
			-121.439561 °	-121.439561 °	
DWR ID	DWR_NA0001_01_f_2015_65				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	<b>1.69</b>	Rating **	A/W	Issue No.	<b>48</b>
LM End	<b>1.69</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.627594 °	38.627594 °	
			-121.439540 °	-121.439540 °	
DWR ID	DWR_NA0001_01_s_2014_48				
Action/Comments					
Trees / Woody Vegetation Inspector Comments: Tree obstructing visibility and access.					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_48\_20150910\_00029.jpg



View of the overgrown tree at the landside levee toe.

LM Start	<b>1.69</b>	Rating **	M	Issue No.	<b>62</b>
LM End	<b>1.69</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.627630 °	38.627630 °	
			-121.439458 °	-121.439458 °	
DWR ID	DWR_NA0001_01_f_2015_62				
Action/Comments					
Fence Inspector Comments: Fence at landside levee toe.					

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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.79</b>	Rating **	U	Issue No.	<b>10</b>
LM End	<b>1.79</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.627948 °	38.627948 °	
			-121.437682 °	-121.437682 °	
DWR ID	DWR_NA0001_01_f_2012_10				
Action/Comments					
Fence Inspector Comments: Wooden fence constructed at LS levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_10\_20150910\_00009.jpg



View of new fence constructed at levee toe and 7 redwood trees planted behind fence within easement.

LM Start	<b>1.81</b>	Rating **	U	Issue No.	<b>170</b>
LM End	<b>1.81</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.627934 °	38.627934 °	
			-121.437423 °	-121.437423 °	
DWR ID	DWR_NA0001_01_s_2012_170				
Action/Comments					
Landscaping Inspector Comments: Growth on old wooden fence, which has since been replaced by a chainlink fence is obstructive.					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_170\_20151112\_00057.jpg



View of the landscaping at the landside levee toe.

LM Start	<b>1.82</b>	Rating **	U	Issue No.	<b>169</b>
LM End	<b>1.82</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.627922 °	38.627922 °	
			-121.437296 °	-121.437296 °	
DWR ID	DWR_NA0001_01_s_2012_169				
Action/Comments					
Building Inspector Comments: Shed on concrete pad within 10' of the levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_169\_20150910\_00038.jpg



11/17/2011 Wooden shed on concrete pad built within 15' of levee toe.

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/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 - Fall 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.82</b>	Rating **	M	Issue No.	<b>64</b>
LM End	<b>1.82</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.627907 °	38.627907 °	
			-121.437187 °	-121.437187 °	
DWR ID	DWR_NA0001_01_f_2015_64				
Action/Comments					
Fence Inspector Comments: Chain-link fence at landside levee toe.					

No Photos

LM Start	<b>1.83</b>	Rating **	U	Issue No.	<b>33</b>
LM End	<b>1.83</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.627897 °	38.627897 °	
			-121.437073 °	-121.437073 °	
DWR ID	DWR_NA0001_01_s_2012_33				
Action/Comments					
Building Inspector Comments: Wooden animal pen is built against levee slope.					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_33\_20150910\_00026.jpg



11/17/2011 Wooden structure is built within 15' of the levee toe.

LM Start	<b>1.84</b>	Rating **	M	Issue No.	<b>63</b>
LM End	<b>1.84</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.627879 °	38.627879 °	
			-121.436889 °	-121.436889 °	
DWR ID	DWR_NA0001_01_f_2015_63				
Action/Comments					
Fence Inspector Comments: Fence at landside levee toe.					

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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.85</b>	Rating **	M	Issue No.	<b>9</b>
LM End	<b>1.85</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.627884 °	38.627884 °	
			-121.436682 °	-121.436682 °	
DWR ID	DWR_NA0001_01_s_2012_9				
Action/Comments					
Fence					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_9\_20151112\_00058.jpg



View of the fence at the landside levee toe.

LM Start	<b>1.85</b>	Rating **	M	Issue No.	<b>8</b>
LM End	<b>1.85</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.627889 °	38.627889 °	
			-121.436638 °	-121.436638 °	
DWR ID	DWR_NA0001_01_s_2012_8				
Action/Comments					
Landscaping Inspector Comments: Ivy, trees and other landscaping growing on a wooden privacy fence are obstructing visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_8\_20150910\_00007.jpg



11/17/2011 Landscaping vegetation growth on the fence is obstructive.

LM Start	<b>1.86</b>	Rating **	U	Issue No.	<b>7</b>
LM End	<b>1.86</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.627889 °	38.627889 °	
			-121.436454 °	-121.436454 °	
DWR ID	DWR_NA0001_01_s_2012_7				
Action/Comments					
Landscaping Inspector Comments: Metal sided shelter, blackberries and cherry trees are obstructive.					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_7\_20150910\_00006.jpg



11/17/2011 Blackberries growing on fence are obstructive.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.86</b>	Rating **	M	Issue No.	<b>61</b>
LM End	<b>1.86</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.627885 °	38.627885 °	
			-121.436423 °	-121.436423 °	
DWR ID	DWR_NA0001_01_f_2015_61				
Action/Comments					
Fence Inspector Comments: Fence at landside levee toe.					

No Photos

LM Start	<b>1.88</b>	Rating **	M	Issue No.	<b>59</b>
LM End	<b>1.88</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.627871 °	38.627871 °	
			-121.436191 °	-121.436191 °	
DWR ID	DWR_NA0001_01_f_2015_59				
Action/Comments					
Fence Inspector Comments: Fence at landside levee toe.					

No Photos

LM Start	<b>1.88</b>	Rating **	M	Issue No.	<b>58</b>
LM End	<b>1.88</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.627860 °	38.627860 °	
			-121.436098 °	-121.436098 °	
DWR ID	DWR_NA0001_01_f_2015_58				
Action/Comments					
Pole Inspector Comments: Pole at the landside levee toe with guy wire penetrating the landside levee slope.					

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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.89</b>	Rating **	M	Issue No.	<b>57</b>
LM End	<b>1.89</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.627837 °	38.627837 °	
			-121.435973 °	-121.435973 °	
DWR ID	DWR_NA0001_01_f_2015_57				
Action/Comments					
Fence Inspector Comments: Fence at landside levee toe.					

No Photos

LM Start	<b>1.90</b>	Rating **	U	Issue No.	<b>6</b>
LM End	<b>1.90</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.627725 °	38.627725 °	
			-121.435715 °	-121.435715 °	
DWR ID	DWR_NA0001_01_s_2012_6				
Action/Comments					
Fence Inspector Comments: Dog-eared wooden fence is built within 10-ft of the levee slope.					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_6\_20150910\_00005.jpg



11/17/2011 Wooden privacy fence built at the levee toe.

LM Start	<b>1.91</b>	Rating **	U	Issue No.	<b>5</b>
LM End	<b>1.91</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.627680 °	38.627680 °	
			-121.435555 °	-121.435555 °	
DWR ID	DWR_NA0001_01_s_2012_5				
Action/Comments					
Fence Inspector Comments: Dog-eared wooden fence is built against the levee slope.					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_5\_20150910\_00004.jpg



11/17/2011 Wooden privacy fence built at the levee toe.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.92</b>	Rating **	U	Issue No.	<b>4</b>
LM End	<b>1.92</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.627715 °	38.627715 °	
			-121.435452 °	-121.435452 °	
DWR ID	DWR_NA0001_01_s_2012_4				
Action/Comments					
Fence Inspector Comments: Wooden fence and landscaping completely block visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_4\_20151112\_00056.jpg



View of the wooden fence at the landside levee toe.

LM Start	<b>1.93</b>	Rating **	U	Issue No.	<b>3</b>
LM End	<b>1.93</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.627658 °	38.627658 °	
			-121.435192 °	-121.435192 °	
DWR ID	DWR_NA0001_01_s_2012_3				
Action/Comments					
Fence Inspector Comments: Dog-eared wooden fence is built against the levee slope.					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_3\_20150910\_00002.jpg



View of the fence at the landside levee toe.

LM Start	<b>1.93</b>	Rating **	U	Issue No.	<b>30</b>
LM End	<b>1.93</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.627646 °	38.627646 °	
			-121.435151 °	-121.435151 °	
DWR ID	DWR_NA0001_01_s_2012_30				
Action/Comments					
Building Inspector Comments: Concrete pad and wooden frame structure is being built within 15-ft of levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_30\_20150910\_00024.jpg



Building on concrete pad within 15 feet of the landside levee toe.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.95</b>	Rating **	M	Issue No.	<b>168</b>
LM End	<b>1.95</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.627565 °	38.627565 °	
			-121.434818 °	-121.434818 °	
DWR ID	DWR_NA0001_01_s_2012_168				
Action/Comments					
Pipe Inspector Comments: Flap gate is blocked by debris in the outfall structure. Gate is blocked in the open position.					

Photo 1 of 2 : FA\_2015\_NA0001\_51\_168\_20150910\_00037.jpg



View of the vegetation obstructing the outfall.

LM Start	<b>1.95</b>	Rating **	M	Issue No.	<b>168 (cont)</b>
LM End	<b>1.95</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : FA\_2015\_NA0001\_51\_168\_20151112\_00055.jpg



View of the flap gate propped open by debris.

LM Start	<b>1.95</b>	Rating **	M	Issue No.	<b>192</b>
LM End	<b>1.95</b>	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.627568 °	38.627568 °	
			-121.434815 °	-121.434815 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41549 DS_ID:24259 EP_NO: N/A FS_HLM: 1.95 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_4630.jpg



Debris screen visible on waterward slope.

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/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 - Fall 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	1.95	Rating **	M	Issue No.	192 (cont)
LM End	1.95	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.627568 °	38.627568 °
				-121.434815 °	-121.434815 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41549 DS_ID:24259 EP_NO: N/A FS_HLM: 1.95 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 1/29/14 approximate alignment of crossings was provided by the City of Sacramento for known crossings through levee. Unable to confirm last inspection. Also City records indicate 10-inch not 15-inch--need to clarify with owner. Crossing is operational. FIELD_STRUCT_DESC: 15-inch pipe through the levee, 8.5 feet below the crown. Flap gate on the waterward end. FS Date: 12/19/2013					

Photo 2 of 3 : UCIP\_FA\_2015\_4631.jpg



View of floodwall along waterward side.

LM Start	1.95	Rating **	M	Issue No.	192 (cont)
LM End	1.95	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_FA\_2015\_4632.jpg



View of waterward side--concrete vault and u-shape concrete headwall with debris screen.

<b>* Location</b> LS : Land Side 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.98</b>	Rating **	U	Issue No.	<b>167</b>
LM End	<b>1.98</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.627433 °	38.627433 °	
			-121.434341 °	-121.434341 °	
DWR ID	DWR_NA0001_01_s_2012_167				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence within 10' of the levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_167\_20150910\_00036.jpg



11/17/2011 Wooden privacy fence built at the levee toe.

LM Start	<b>1.99</b>	Rating **	M	Issue No.	<b>55</b>
LM End	<b>1.99</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.627400 °	38.627400 °	
			-121.434193 °	-121.434193 °	
DWR ID	DWR_NA0001_01_f_2015_55				
Action/Comments					
Fence Inspector Comments: Fence at landside levee toe.					

No Photos

LM Start	<b>1.99</b>	Rating **	M	Issue No.	<b>1</b>
LM End	<b>1.99</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.627318 °	38.627318 °	
			-121.434208 °	-121.434208 °	
DWR ID	DWR_NA0001_01_s_2012_1				
Action/Comments					
Landscaping Inspector Comments: Vine growing on fence and slope blocks visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_1\_20150910\_00001.jpg



View of the fence and landscaping at the landside levee toe.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>2.02</b>	Rating **	U	Issue No.	<b>29</b>
LM End	<b>2.02</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.627292 °	38.627292 °	
			-121.433709 °	-121.433709 °	
DWR ID	DWR_NA0001_01_s_2012_29				
Action/Comments					
Building Inspector Comments: Two-story home foundation is within 10-ft of levee toe. Chain link fence is built on levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_29\_20150910\_00023.jpg



11/17/2011 Building foundation is within 15' of the levee toe.

LM Start	<b>2.04</b>	Rating **	U	Issue No.	<b>28</b>
LM End	<b>2.04</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.627257 °	38.627257 °	
			-121.433327 °	-121.433327 °	
DWR ID	DWR_NA0001_01_s_2012_28				
Action/Comments					
Building Inspector Comments: Large wooden building behind corrugated metal covered fence is within 10-ft of levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_28\_20150910\_00022.jpg



11/17/2011 Wooden structure is within 15' of the levee toe.

LM Start	<b>2.04</b>	Rating **	M	Issue No.	<b>53</b>
LM End	<b>2.04</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.627266 °	38.627266 °	
			-121.433267 °	-121.433267 °	
DWR ID	DWR_NA0001_01_f_2015_53				
Action/Comments					
Fence Inspector Comments: Fence at landside levee toe.					

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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>2.05</b>	Rating **	M	Issue No.	<b>27</b>
LM End	<b>2.05</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.627230 °	38.627230 °	
			-121.433039 °	-121.433039 °	
DWR ID	DWR_NA0001_01_s_2012_27				
Action/Comments					
Building Inspector Comments: Pre-fab storage shed is within 10-ft of landside toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_27\_20150910\_00021.jpg



11/17/2011 Wooden structure is within 15' of the levee toe.

LM Start	<b>2.05</b>	Rating **	M	Issue No.	<b>52</b>
LM End	<b>2.05</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.627254 °	38.627254 °	
			-121.433026 °	-121.433026 °	
DWR ID	DWR_NA0001_01_f_2015_52				
Action/Comments					
Fence Inspector Comments: Fence at the landside levee toe.					

No Photos

LM Start	<b>2.06</b>	Rating **	M	Issue No.	<b>47</b>
LM End	<b>2.06</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.627255 °	38.627255 °	
			-121.432876 °	-121.432876 °	
DWR ID	DWR_NA0001_01_f_2015_47				
Action/Comments					
Prunings					

Photo 1 of 1 : FA\_2015\_NA0001\_51\_47\_20151112\_00054.jpg



View of the prunings at the landside levee toe.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>2.08</b>	Rating **	M	Issue No.	<b>193</b>
LM End	<b>2.08</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.627239 °	38.627239 °
				-121.432501 °	-121.432501 °
DWR ID					

**Action/Comments**

Inspector Comments: FS\_ID:31185  
 DS\_ID:24420  
 EP\_NO: 13044  
 FS\_HLM: 2.08  
 Repair Type: Non-Urgent  
 Crossing Status: Indicator Found  
 UCIP Comments: Orange/Green symbol for flood structure found on floodwall. No crossing found. Need to determine if crossing is in use. This crossing is not shown in the City of Sacramento's sewer drain mains or water mains. Need to contact owner to determine if crossing is still in use.  
 FIELD\_STRUCT\_DESC: 12-inch steel water main through the levee, 4.0 feet below the crown. (Permit No. 13044-1981)  
 FS Date: 12/19/2013

LM Start	<b>2.08</b>	Rating **	M	Issue No.	<b>193 (cont)</b>
LM End	<b>2.08</b>	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP\_FA\_2015\_2970.jpg



Marker of crossing on floodwall indicating crossing through levee.

Photo 2 of 3 : UCIP\_FA\_2015\_2971.jpg



Markers visible of crossing on bridge.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>2.08</b>	Rating **	M	Issue No.	<b>193 (cont)</b>
LM End	<b>2.08</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.627239 °	38.627239 °
				-121.432501 °	-121.432501 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31185 DS_ID:24420 EP_NO: 13044 FS_HLM: 2.08 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP\_FA\_2015\_2972.jpg



Overview markers located on bridge and floodwall indicating crossing through levee.

LM Start	<b>2.08</b>	Rating **	M	Issue No.	<b>194</b>
LM End	<b>2.08</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.627242 °	38.627242 °
				-121.432469 °	-121.432469 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31424 DS_ID:24797 EP_NO: N/A FS_HLM: 2.085 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: no permit--need to determine additional information and owner of crossings. FIELD_STRUCT_DESC: 1-4 inch conduit and 1-2 inch communication cable through levee. Conduits are suspended through waterway and attached to downstream face of bridge. FS Date: 12/19/2013					

Photo 1 of 2 : UCIP\_FA\_2015\_4571.jpg



Service box located on sidewalk unable to determine if box belongs to conduits.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>2.08</b>	Rating **	M	Issue No.	<b>194 (cont)</b>
LM End	<b>2.08</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.627242 °	38.627242 °
				-121.432469 °	-121.432469 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:31424 DS_ID:24797 EP_NO: N/A FS_HLM: 2.085 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: no permit--need to determine additional information and owner of crossings. FIELD_STRUCT_DESC: 1-4 inch conduit and 1-2 inch communication cable through levee. Conduits are suspended through waterway and attached to downstream face of bridge. FS Date: 12/19/2013					

Photo 2 of 2 : UCIP\_FA\_2015\_4572.jpg



View of waterward side--conduits visible on bridge face.

<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**

**Unit Cover Sheet**

**Fall 2015 Levee Inspection Results**

**American River Flood Control District**

Waterway		Bank	Unit Miles	
Unit No. 02 Natomas E Canal		Left	3.93	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	04/29/2015 - 04/30/2015		10/21/2015 - 11/09/2015	
DWR Inspector	Maksim Khashchuk		Maksim Khashchuk	
Accompanied By	Richard Marck ARFCD		Richard Marck ARFCD	

**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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>0.09</b>	Rating **	A/W	Issue No.	<b>28</b>
LM End	<b>0.10</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.603765 °	38.603878 °	
			-121.471642 °	-121.471448 °	
DWR ID	DWR_NA0001_02_f_2015_28				
Action/Comments					
Inspector Comments: The holes were backfilled by the LMA.					

Photo 1 of 1 : FA\_2015\_NA0001\_52\_28\_20151112\_00018.jpg



View of the rodent holes on the landside levee slope.

LM Start	<b>0.33</b>	Rating **	M	Issue No.	<b>2</b>
LM End	<b>0.33</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.605822 °	38.605822 °	
			-121.468078 °	-121.468078 °	
DWR ID	DWR_NA0001_02_s_2012_2				
Action/Comments					
Pole Inspector Comments: Power pole in levee					

Photo 1 of 1 : FA\_2015\_NA0001\_52\_2\_20150910\_00001.jpg



04/13/2011 Power pole is in the levee on the water side.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>0.36</b>	Rating **	M	Issue No.	<b>151</b>
LM End	<b>0.36</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.606204 °	38.606204 °
				-121.467817 °	-121.467817 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:31443 DS_ID:24798 EP_NO: N/A FS_HLM: 0.32 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: no permit (unauthorize crossing)--need to determine additional information about crossing. Unable to determine if pipe crosses levee. FIELD_STRUCT_DESC: 4-inch HDPE pipe through levee at unknown depth. FS Date: 12/06/2013					

Photo 1 of 3 : UCIP\_FA\_2015\_4573.jpg



View of landward side.

LM Start	<b>0.36</b>	Rating **	M	Issue No.	<b>151 (cont)</b>
LM End	<b>0.36</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_4574.jpg



View of pipe through levee.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>0.36</b>	Rating **	M	Issue No.	<b>151 (cont)</b>
LM End	<b>0.36</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.606204 °	38.606204 °
				-121.467817 °	-121.467817 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31443 DS_ID:24798 EP_NO: N/A FS_HLM: 0.32 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP\_FA\_2015\_4575.jpg



View of waterward slope.

LM Start	<b>0.55</b>	Rating **	M	Issue No.	<b>152</b>
LM End	<b>0.55</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.608858 °	38.608858 °
				-121.466861 °	-121.466861 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:28585 DS_ID:24273 EP_NO: N/A FS_HLM: 0.51 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Multiple pumps visible on landward side however unable to confirm additional crossing only 1 crossing was confirmed at this location. Need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: 24-inch pipe sleeved through 30-inch CM pipe through the levee, 2.8 feet below the crown. Annular gap grouted. Flap gate on waterward end. Slide gate in concrete pipe riser at waterward toe. Pump on structure over concrete sump on landward side. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 216+00). FS Date: 12/19/2013					

Photo 1 of 3 : UCIP\_FA\_2015\_3034.jpg



View of levee crown--vault visible on crown.

<b>* Location</b> LS : Land Side 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	0.55	Rating **	M	Issue No.	152 (cont)
LM End	0.55	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.608858 °	38.608858 °
				-121.466861 °	-121.466861 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:28585 DS_ID:24273 EP_NO: N/A FS_HLM: 0.51 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Multiple pumps visible on landward side however unable to confirm additional crossing only 1 crossing was confirmed at this location. Need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: 24-inch pipe sleeved through 30-inch CM pipe through the levee, 2.8 feet below the crown. Annular gap grouted. Flap gate on waterward end. Slide gate in concrete pipe riser at waterward toe. Pump on structure over concrete sump on landward side. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 216+00). FS Date: 12/19/2013					

Photo 2 of 3 : UCIP\_FA\_2015\_3071.jpg



Overview of landward side.

Photo 3 of 3 : UCIP\_FA\_2015\_3072.jpg



Overview of pumps located on landward side.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>0.55</b>	Rating **	M	Issue No.	<b>153</b>
LM End	<b>0.55</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.608870 °	38.608870 °
				-121.466856 °	-121.466856 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:28584 DS_ID:24612 EP_NO: N/A FS_HLM: 0.512 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 1 of 3 : UCIP\_FA\_2015\_2997.jpg



Vault locate on levee crow.

LM Start	<b>0.55</b>	Rating **	M	Issue No.	<b>153 (cont)</b>
LM End	<b>0.55</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_2998.jpg



Overview of landward side.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>0.55</b>	Rating **	M	Issue No.	<b>153 (cont)</b>
LM End	<b>0.55</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.608870 °	38.608870 °
				-121.466856 °	-121.466856 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:28584 DS_ID:24612 EP_NO: N/A FS_HLM: 0.512 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP\_FA\_2015\_3030.jpg



Multiple pumps located on landward side.

LM Start	<b>0.55</b>	Rating **	M	Issue No.	<b>154</b>
LM End	<b>0.55</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.608870 °	38.608870 °
				-121.466856 °	-121.466856 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:29763 DS_ID:24274 EP_NO: 6064 FS_HLM: 0.511 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine the status of crossing. Unable to confirm if crossing found in field corresponds to this entry. FIELD_STRUCT_DESC: [Pump Station No. 153] 36-inch steel drainpipe through the levee, 5.2 feet below the crown. CM cutoff wall around pipe between center and waterward shoulder. Siphon breaker in concrete box on waterward slope. Second siphon breaker in concrete box on the landward side. Portion of pipe exposed on waterward slope. Concrete "U" headwall and flap gate on the water ward end. Rock revetment on waterward slope. (Permit No. 6064-1968) FS Date: 12/19/2013					

Photo 1 of 3 : UCIP\_FA\_2015\_3181.jpg



Vault located on levee crown.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	0.55	Rating **	M	Issue No.	154 (cont)
LM End	0.55	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.608870 °	38.608870 °
				-121.466856 °	-121.466856 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:29763 DS_ID:24274 EP_NO: 6064 FS_HLM: 0.511 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine the status of crossing. Unable to confirm if crossing found in field corresponds to this entry. FIELD_STRUCT_DESC: [Pump Station No. 153] 36-inch steel drainpipe through the levee, 5.2 feet below the crown. CM cutoff wall around pipe between center and waterward shoulder. Siphon breaker in concrete box on waterward slope. Second siphon breaker in concrete box on the landward side. Portion of pipe exposed on waterward slope. Concrete "U" headwall and flap gate on the water ward end. Rock revetment on waterward slope. (Permit No. 6064-1968) FS Date: 12/19/2013					

Photo 2 of 3 : UCIP\_FA\_2015\_3182.jpg



View of landward side--pump station with multiple pumps.

LM Start	0.55	Rating **	M	Issue No.	154 (cont)
LM End	0.55	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_FA\_2015\_3183.jpg



Approximate alignment provided by City of Sacramento indicates a 36-inch storm drain at this location.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.02</b>	Rating **	M	Issue No.	<b>155</b>
LM End	<b>1.02</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.615697 °	38.615697 °
				-121.466952 °	-121.466952 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:42132 DS_ID:24613 EP_NO: 2347 FS_HLM: 0.99 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 1 of 3 : UCIP\_FA\_2015\_4584.jpg



Overview of levee crown with utility gas markers on waterward side.

LM Start	<b>1.02</b>	Rating **	M	Issue No.	<b>155 (cont)</b>
LM End	<b>1.02</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_4585.jpg



Multiple markers visible on waterward side--post with contact information.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.02</b>	Rating **	M	Issue No.	<b>155 (cont)</b>
LM End	<b>1.02</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.615697 °	38.615697 °
				-121.466952 °	-121.466952 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:42132 DS_ID:24613 EP_NO: 2347 FS_HLM: 0.99 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP\_FA\_2015\_4586.jpg



Contact information for owner--sign visible on waterward side slope.

LM Start	<b>1.03</b>	Rating **	M	Issue No.	<b>156</b>
LM End	<b>1.03</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.615760 °	38.615760 °
				-121.466950 °	-121.466950 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:42130 DS_ID:24277 EP_NO: 2333 FS_HLM: 0.991 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 11/3/2014 (DWR-Olivia) Need to contact owner to determine status of crossing. Priority under Part IX has been changed from Urgent to Non-Urgent as a measure to normalize the data. Markers present however unable to confirm pipe size. Recommend LMA to contact owner to determine additional information details--confirm pipe size, alignment, and last inspection completed confirming integrity of crossing. Need to contact owner to determine status of crossing. Unable to confirm if indicators visible on levee crown and landward side correspond to this crossing. FIELD_STRUCT_DESC: 12-inch gas line through the levee, 3.0 feet below the crown. For emergencies contact PG&E at 1-800-811-4111. (Permit No. 2333-1957) FS Date: 12/19/2013					

Photo 1 of 3 : UCIP\_FA\_2015\_3358.jpg



Overview of levee crown at crossings.

<b>* Location</b> LS : Land Side 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	1.03	Rating **	M	Issue No.	156 (cont)
LM End	1.03	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.615760 °	38.615760 °
				-121.466950 °	-121.466950 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:42130 DS_ID:24277 EP_NO: 2333 FS_HLM: 0.991 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 11/3/2014 (DWR-Olivia) Need to contact owner to determine status of crossing. Priority under Part IX has been changed from Urgent to Non-Urgent as a measure to normalize the data. Markers present however unable to confirm pipe size. Recommend LMA to contact owner to determine additional information details--confirm pipe size, alignment, and last inspection completed confirming integrity of crossing. Need to contact owner to determine status of crossing. Unable to confirm if indicators visible on levee crown and landward side correspond to this crossing. FIELD_STRUCT_DESC: 12-inch gas line through the levee, 3.0 feet below the crown. For emergencies contact PG&E at 1-800-811-4111. (Permit No. 2333-1957) FS Date: 12/19/2013					

Photo 2 of 3 : UCIP\_FA\_2015\_3359.jpg



Marker located on the waterward side.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	1.03	Rating **	M	Issue No.	156 (cont)
LM End	1.03	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
	Start		End		
Item	DWR UCIP Field Study			38.615760 °	38.615760 °
				-121.466950 °	-121.466950 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:42130 DS_ID:24277 EP_NO: 2333 FS_HLM: 0.991 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 11/3/2014 (DWR-Olivia) Need to contact owner to determine status of crossing. Priority under Part IX has been changed from Urgent to Non-Urgent as a measure to normalize the data. Markers present however unable to confirm pipe size. Recommend LMA to contact owner to determine additional information details--confirm pipe size, alignment, and last inspection completed confirming integrity of crossing. Need to contact owner to determine status of crossing. Unable to confirm if indicators visible on levee crown and landward side correspond to this crossing. FIELD_STRUCT_DESC: 12-inch gas line through the levee, 3.0 feet below the crown. For emergencies contact PG&E at 1-800-811-4111. (Permit No. 2333-1957) FS Date: 12/19/2013					

Photo 3 of 3 : UCIP\_FA\_2015\_3360.jpg



Marker with emergency contact information located on waterward slope.

LM Start	1.03	Rating **	M	Issue No.	157
LM End	1.03	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
	Start		End		
Item	DWR UCIP Field Study			38.615772 °	38.615772 °
				-121.466971 °	-121.466971 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:28666 DS_ID:24614 EP_NO: 1949 FS_HLM: 0.991 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine if pipe was left inside levee as part of abandonment process. FIELD_STRUCT_DESC: Abandoned 12-inch steel gas line through the levee, 3.0 feet below the crown. Pipe grout filled. Concrete cutoff wall around pipe under center of levee. (Permit No. 1450-1949) This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 243+31). Pipe abandoned under Permit No. 17468 (2004). FS Date: 12/19/2013					

Photo 1 of 3 : UCIP\_FA\_2015\_3404.jpg



Overview of levee crown at crossings.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	1.03	Rating **	M	Issue No.	157 (cont)
LM End	1.03	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.615772 °	38.615772 °
				-121.466971 °	-121.466971 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:28666 DS_ID:24614 EP_NO: 1949 FS_HLM: 0.991 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine if pipe was left inside levee as part of abandonment process. FIELD_STRUCT_DESC: Abandoned 12-inch steel gas line through the levee, 3.0 feet below the crown. Pipe grout filled. Concrete cutoff wall around pipe under center of levee. (Permit No. 1450-1949) This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 243+31). Pipe abandoned under Permit No. 17468 (2004). FS Date: 12/19/2013					

Photo 2 of 3 : UCIP\_FA\_2015\_3405.jpg



Marker located on the waterward side.

LM Start	1.03	Rating **	M	Issue No.	157 (cont)
LM End	1.03	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_FA\_2015\_3406.jpg



Marker with emergency contact information located on waterward slope.

<b>* Location</b> LS : Land Side 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.04</b>	Rating **	M	Issue No.	<b>158</b>
LM End	<b>1.04</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.615895 °	38.615895 °
				-121.466991 °	-121.466991 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:42131 DS_ID:24280 EP_NO: 17468 FS_HLM: 1 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 1 of 3 : UCIP\_FA\_2015\_3361.jpg



Overview of levee crown looking downstream at signs of crossings.

LM Start	<b>1.04</b>	Rating **	M	Issue No.	<b>158 (cont)</b>
LM End	<b>1.04</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_3362.jpg



Additional marker located on waterward levee crown hinge point.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.04</b>	Rating **	M	Issue No.	<b>158 (cont)</b>
LM End	<b>1.04</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.615895 °	38.615895 °
				-121.466991 °	-121.466991 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:42131 DS_ID:24280 EP_NO: 17468 FS_HLM: 1 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP\_FA\_2015\_3403.jpg



Marker visible on waterward slope.

LM Start	<b>1.28</b>	Rating **	A	Issue No.	<b>32</b>
LM End	<b>1.28</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Closure Structures			38.619348 °	38.619348 °
				-121.467576 °	-121.467576 °
DWR ID	DWR_NA0001_02_f_2015_32				
Action/Comments					

No Photos

LM Start	<b>1.35</b>	Rating **	A	Issue No.	<b>31</b>
LM End	<b>1.35</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Closure Structures			38.620448 °	38.620448 °
				-121.467786 °	-121.467786 °
DWR ID	DWR_NA0001_02_f_2015_31				
Action/Comments					

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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.40</b>	Rating **	M	Issue No.	<b>26</b>
LM End	<b>1.40</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.621054 °	38.621054 °
				-121.468008 °	-121.468008 °
DWR ID	DWR_NA0001_02_f_2015_26				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

Photo 1 of 1 : FA\_2015\_NA0001\_52\_26\_20151112\_00015.jpg



View of the damaged landside levee slope.

LM Start	<b>1.96</b>	Rating **	M	Issue No.	<b>159</b>
LM End	<b>1.96</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.629129 °	38.629129 °
				-121.469556 °	-121.469556 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:28667 DS_ID:24481 EP_NO: N/A FS_HLM: 1.95 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Only found concrete box located on landward side toe. Need to contact owner to determine if crossing goes through levee and to notify that concrete box is filled with debris. FIELD_STRUCT_DESC: 12-inch CM railroad drainpipe through the levee. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 302+00). FS Date: 12/20/2013					

Photo 1 of 3 : UCIP\_FA\_2015\_3407.jpg



View of waterward side.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	1.96	Rating **	M	Issue No.	159 (cont)
LM End	1.96	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.629129 °	38.629129 °
				-121.469556 °	-121.469556 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:28667 DS_ID:24481 EP_NO: N/A FS_HLM: 1.95 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Only found concrete box located on landward side toe. Need to contact owner to determine if crossing goes through levee and to notify that concrete box is filled with debris. FIELD_STRUCT_DESC: 12-inch CM railroad drainpipe through the levee. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 302+00). FS Date: 12/20/2013					

Photo 2 of 3 : UCIP\_FA\_2015\_3408.jpg



View of landward side. Depression visible at levee toe around concrete box.

LM Start	1.96	Rating **	M	Issue No.	159 (cont)
LM End	1.96	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_3409.jpg



View of landward side some--erosion or subsidence present just above concrete box.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>2.05</b>	Rating **	M	Issue No.	<b>25</b>
LM End	<b>2.05</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.630425 °	38.630425 °
				-121.469807 °	-121.469807 °
DWR ID	DWR_NA0001_02_f_2015_25				
Action/Comments					
Repair the levee slope damaged by foot traffic and prevent access where possible.					

Photo 1 of 1 : FA\_2015\_NA0001\_52\_25\_20151112\_00014.jpg



View of the landside levee slope damaged by foot traffic.

LM Start	<b>2.33</b>	Rating **	A/W	Issue No.	<b>150</b>
LM End	<b>2.33</b>	Issue Type +	Ob	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.634446 °	38.634446 °
				-121.470573 °	-121.470573 °
DWR ID	DWR_NA0001_02_s_2012_150				
Action/Comments					
Note and monitor erosion site. Inspector Comments: Monitor erosion at this location. Also noted in USACE PI.					

Photo 1 of 2 : FA\_2015\_NA0001\_52\_150\_20150910\_00006.jpg



03/14/2012 Photo shows depression, the issue has not gotten any worse since the fall 2011 inspection.

LM Start	<b>2.33</b>	Rating **	A/W	Issue No.	<b>150 (cont)</b>
LM End	<b>2.33</b>	Issue Type +	Ob	Location *	LS

Photo 2 of 2 : FA\_2015\_NA0001\_52\_150\_20150910\_00007.jpg



11/16/2011 Depressions present on levee slope.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>2.52</b>	Rating **	M	Issue No.	<b>11</b>
LM End	<b>2.52</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.637177 °	38.637177 °	
			-121.471076 °	-121.471076 °	
DWR ID	DWR_NA0001_02_f_2013_11				
Action/Comments					
Material Inspector Comments: Railroad rails on landside levee slope.					

Photo 1 of 1 : FA\_2015\_NA0001\_52\_11\_20150910\_00005.jpg



View of the rails at the landside levee toe.

LM Start	<b>2.79</b>	Rating **	M	Issue No.	<b>160</b>
LM End	<b>2.79</b>	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.640988 °	38.640988 °	
			-121.471797 °	-121.471797 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:28724 DS_ID:24608 EP_NO: 9596 FS_HLM: 2.791 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Dense vegetation on waterward side limits inspector's inspection. Recommend removing vegetation. FIELD_STRUCT_DESC: [Magpie Creek Diversion Plant] 1 of 3: 54-inch steel drainpipe through the levee, 3.0 feet below the crown. Steel cutoff wall around pipe under center of levee. Siphon breaker in protective housing on waterward shoulder. Concrete headwall and flap gate on waterward end. Trench on waterward side. Pumping plant on landward side. (Permit No. 9596-1975) FS Date: 12/20/2013					

Photo 1 of 3 : UCIP\_FA\_2015\_3218.jpg



Concrete box contains 3-54 inch crossings.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	2.79	Rating **	M	Issue No.	160 (cont)
LM End	2.79	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.640988 °	38.640988 °
				-121.471797 °	-121.471797 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:28724 DS_ID:24608 EP_NO: 9596 FS_HLM: 2.791 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Dense vegetation on waterward side limits inspector's inspection. Recommend removing vegetation. FIELD_STRUCT_DESC: [Magpie Creek Diversion Plant] 1 of 3: 54-inch steel drainpipe through the levee, 3.0 feet below the crown. Steel cutoff wall around pipe under center of levee. Siphon breaker in protective housing on waterward shoulder. Concrete headwall and flap gate on waterward end. Trench on waterward side. Pumping plant on landward side. (Permit No. 9596-1975) FS Date: 12/20/2013					

Photo 2 of 3 : UCIP\_FA\_2015\_3219.jpg



Overview of levee crown.

LM Start	2.79	Rating **	M	Issue No.	160 (cont)
LM End	2.79	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_3220.jpg



Dense vegetation located on waterward slope.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>2.79</b>	Rating **	M	Issue No.	<b>161</b>
LM End	<b>2.79</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.641016 °	38.641016 °
				-121.471805 °	-121.471805 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:28725 DS_ID:24609 EP_NO: 9596 FS_HLM: 2.792 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 1 of 3 : UCIP\_FA\_2015\_2940.jpg



Concrete box contains 3-54 inch crossings.

LM Start	<b>2.79</b>	Rating **	M	Issue No.	<b>161 (cont)</b>
LM End	<b>2.79</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_2941.jpg



Overview of levee crown with two concrete boxes with multiple crossings inside.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>2.79</b>	Rating **	M	Issue No.	<b>161 (cont)</b>
LM End	<b>2.79</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.641016 °	38.641016 °
				-121.471805 °	-121.471805 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:28725 DS_ID:24609 EP_NO: 9596 FS_HLM: 2.792 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP\_FA\_2015\_2956.jpg



Dense vegetation located on waterward slope.

LM Start	<b>2.79</b>	Rating **	U	Issue No.	<b>162</b>
LM End	<b>2.79</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.641041 °	38.641041 °
				-121.471809 °	-121.471809 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:28726 DS_ID:24610 EP_NO: 9596 FS_HLM: 2.793 Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: Signs of pipe removal are visible on waterward and landward side--gate missing on WS and pump missing on LS. Need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: [Magpie Creek Diversion Plant] 3 of 3: 54-inch steel drainpipe through the levee, 3.0 feet below the crown. Steel cutoff wall around pipe under center of levee. Siphon breaker in protective housing on waterward shoulder. Concrete headwall and flap gate on waterward end. Trench on waterward side. Pumping plant on landward side. (Permit No. 9596-1975) FS Date: 12/20/2013					

Photo 1 of 2 : UCIP\_FA\_2015\_2957.jpg



Concrete box contains 3-54 inch crossings.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>2.87</b>	Rating **	U	Issue No.	<b>163 (cont)</b>
LM End	<b>2.87</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.642162 °	38.642162 °
				-121.472041 °	-121.472041 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:43049 DS_ID:24484 EP_NO: N/A FS_HLM: 2.87 Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: Hole visible just above the concrete box located on landward side--unable to determine if hole is associated with pipe failure or burrow activity. Need to contact owner to determine status and details of crossing's alignment. FIELD_STRUCT_DESC: 12-inch CM railroad drainpipe through the levee. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 340+00). FS Date: 12/20/2013					

Photo 2 of 3 : UCIP\_FA\_2015\_4588.jpg



View of waterward side.

LM Start	<b>2.87</b>	Rating **	U	Issue No.	<b>163 (cont)</b>
LM End	<b>2.87</b>	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_4589.jpg



Large hole on landward side just immediately above concrete box.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>2.92</b>	Rating **	A/W	Issue No.	<b>6</b>
LM End	<b>2.92</b>	Issue Type +	Ob	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.642950 °	38.642950 °	
			-121.472166 °	-121.472166 °	
DWR ID	DWR_NA0001_02_f_2012_6				
Action/Comments					
Repair slope instability. Inspector Comments: Monitor this location.					

Photo 1 of 1 : FA\_2015\_NA0001\_52\_6\_20150910\_00002.jpg



View of landside slope instability.

LM Start	<b>3.19</b>	Rating **	A	Issue No.	<b>24</b>
LM End	<b>3.19</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.646814 °	38.646814 °	
			-121.472937 °	-121.472937 °	
DWR ID	DWR_NA0001_02_f_2015_24				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : FA\_2015\_NA0001\_52\_24\_20151112\_00013.jpg



View of the acceptable vegetation control on the waterside levee slope.

LM Start	<b>3.93</b>	Rating **	A	Issue No.	<b>30</b>
LM End	<b>3.93</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Closure Structures		38.657365 °	38.657365 °	
			-121.474793 °	-121.474793 °	
DWR ID	DWR_NA0001_02_f_2015_30				
Action/Comments					

No Photos

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

**Unit Cover Sheet**

**Fall 2015 Levee Inspection Results**

**American River Flood Control District**

Waterway		Bank	Unit Miles	
Unit No. 03 American River		Right	2.86	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	04/30/2015 - 04/30/2015		10/28/2015 - 11/09/2015	
DWR Inspector	Maksim Khashchuk		Maksim Khashchuk	
Accompanied By	Richard Marck ARFCD		Richard Marck ARFCD	

**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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>0.75</b>	Rating **	N	Issue No.	<b>11</b>
LM End	<b>0.75</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.589359 °	38.589359 °
				-121.430990 °	-121.430990 °
DWR ID	DWR_NA0001_03_s_2012_11				
Action/Comments					
Tree stumps. Inspector Comments: Tree stump >2" Dia.					

Photo 1 of 1 : FA\_2015\_NA0001\_490\_11\_20150910\_00003.jpg



Tree stump on levee slope greater than 2" Dia.

LM Start	<b>0.85</b>	Rating **	N	Issue No.	<b>23</b>
LM End	<b>0.85</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.589624 °	38.589624 °
				-121.432935 °	-121.432935 °
DWR ID	DWR_NA0001_03_f_2014_23				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : FA\_2015\_NA0001\_490\_23\_20150910\_00004.jpg



View of the tree stump on the landside levee slope.

LM Start	<b>1.39</b>	Rating **	M	Issue No.	<b>31</b>
LM End	<b>1.39</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.591616 °	38.591616 °
				-121.442213 °	-121.442213 °
DWR ID	DWR_NA0001_03_f_2015_31				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

<b>* Location</b> LS : Land Side 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.53</b>	Rating **	U	Issue No.	<b>32</b>
LM End	<b>1.53</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.593054 °	38.593054 °
				-121.444155 °	-121.444155 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:42845 DS_ID:24292 EP_NO: 5776 FS_HLM: 1.525 Repair Type: Urgent Crossing Status: Found UCIP Comments: Hole present next to concrete vault on levee crown (waterward side). Hole could be sink hole or burrow activity unable to determine. Need to contact owner to determine status of crossing and to investigate hole. FIELD_STRUCT_DESC: [Drainage Plant No. 2] 5 of 8: 18-inch steel drainpipe through the levee. Metal cutoff wall around pipe under landward shoulder. Siphon breakers in concrete box on the waterward shoulder. Pumping plant at landward toe. Access ramp to pumping plant. Concrete discharge box on the waterward side. Flap gate on the waterward end. Outfall channel on waterward side. (Permit No. 5776-1972) FS Date: 12/03/2013					

Photo 1 of 3 : UCIP\_FA\_2015\_3043.jpg



View of landward side.

LM Start	<b>1.53</b>	Rating **	U	Issue No.	<b>32 (cont)</b>
LM End	<b>1.53</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_3044.jpg



View of levee crown--concrete vault located on waterward shoulder.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.53</b>	Rating **	U	Issue No.	<b>32 (cont)</b>
LM End	<b>1.53</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.593054 °	38.593054 °
				-121.444155 °	-121.444155 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:42845 DS_ID:24292 EP_NO: 5776 FS_HLM: 1.525 Repair Type: Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_3045.jpg



View of waterward side.

LM Start	<b>1.54</b>	Rating **	M	Issue No.	<b>33</b>
LM End	<b>1.54</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.593290 °	38.593290 °
				-121.443980 °	-121.443980 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31225 DS_ID:24645 EP_NO: 2805 FS_HLM: 1.533 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm what crossings are going through levee. Will need to coordinate with owner to determine active crossings. FIELD_STRUCT_DESC: [Arden Treatment Plant] 4 of 4: 34-inch concrete encased sewer pipe through the levee, 6.2 feet below the crown. Concrete cutoff wall around pipe under center of levee. Siphon breaker in housing at waterward shoulder. Treatment plant on landward side. FS Date: 12/03/2013					

Photo 1 of 3 : UCIP\_FA\_2015\_2979.jpg



Sewer marker visible on landward toe.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	1.54	Rating **	M	Issue No.	33 (cont)
LM End	1.54	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
			Start	End	
Item	DWR UCIP Field Study			38.593290 °	38.593290 °
DWR ID				-121.443980 °	-121.443980 °
Action/Comments					
Inspector Comments: FS_ID:31225 DS_ID:24645 EP_NO: 2805 FS_HLM: 1.533 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm what crossings are going through levee. Will need to coordinate with owner to determine active crossings. FIELD_STRUCT_DESC: [Arden Treatment Plant] 4 of 4: 34-inch concrete encased sewer pipe through the levee, 6.2 feet below the crown. Concrete cutoff wall around pipe under center of levee. Siphon breaker in housing at waterward shoulder. Treatment plant on landward side. FS Date: 12/03/2013					

Photo 2 of 3 : UCIP\_FA\_2015\_2980.jpg



View of landward side.

LM Start	1.54	Rating **	M	Issue No.	33 (cont)
LM End	1.54	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_FA\_2015\_2981.jpg



View of levee crown and concrete box located on waterward shoulder.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.54</b>	Rating **	M	Issue No.	<b>34</b>
LM End	<b>1.54</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.593290 °	38.593290 °
				-121.443980 °	-121.443980 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31224 DS_ID:24644 EP_NO: 2805 FS_HLM: 1.532 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 1 of 3 : UCIP\_FA\_2015\_2976.jpg



View of landward side.

LM Start	<b>1.54</b>	Rating **	M	Issue No.	<b>34 (cont)</b>
LM End	<b>1.54</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_2977.jpg



Concrete box located on waterward shoulder.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.54</b>	Rating **	M	Issue No.	<b>34 (cont)</b>
LM End	<b>1.54</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.593290 °	38.593290 °
				-121.443980 °	-121.443980 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31224 DS_ID:24644 EP_NO: 2805 FS_HLM: 1.532 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP\_FA\_2015\_2978.jpg



View of levee crown and concrete box located on waterward shoulder.

LM Start	<b>1.54</b>	Rating **	M	Issue No.	<b>35</b>
LM End	<b>1.54</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.593224 °	38.593224 °
				-121.444299 °	-121.444299 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31227 DS_ID:24293 EP_NO: 2805 FS_HLM: 1.53 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm what crossings are going through levee. Will need to coordinate with owner to determine active crossings. FIELD_STRUCT_DESC: [Arden Treatment Plant] 1 of 4: 18-inch concrete sewer main through the levee. Concrete cutoff wall around pipe under center of levee. Siphon breaker in housing on waterward shoulder. Treatment plant on landward side. (Permit No. 2805-1961) FS Date: 12/03/2013					

Photo 1 of 3 : UCIP\_FA\_2015\_2982.jpg



View of landward side.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	1.54	Rating **	M	Issue No.	35 (cont)
LM End	1.54	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.593224 °	38.593224 °
				-121.444299 °	-121.444299 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31227 DS_ID:24293 EP_NO: 2805 FS_HLM: 1.53 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm what crossings are going through levee. Will need to coordinate with owner to determine active crossings. FIELD_STRUCT_DESC: [Arden Treatment Plant] 1 of 4: 18-inch concrete sewer main through the levee. Concrete cutoff wall around pipe under center of levee. Siphon breaker in housing on waterward shoulder. Treatment plant on landward side. (Permit No. 2805-1961) FS Date: 12/03/2013					

Photo 2 of 3 : UCIP\_FA\_2015\_2983.jpg



Concrete box located on waterward shoulder.

LM Start	1.54	Rating **	M	Issue No.	35 (cont)
LM End	1.54	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_FA\_2015\_2984.jpg



View of levee crown and concrete box located on waterward shoulder.

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/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 - Fall 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.54</b>	Rating **	M	Issue No.	<b>36</b>
LM End	<b>1.54</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.593224 °	38.593224 °
				-121.444299 °	-121.444299 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:31223 DS_ID:24643 EP_NO: 2805 FS_HLM: 1.531 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 1 of 3 : UCIP\_FA\_2015\_2973.jpg



View of landward side.

LM Start	<b>1.54</b>	Rating **	M	Issue No.	<b>36 (cont)</b>
LM End	<b>1.54</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_2974.jpg



Concrete box located on waterward shoulder.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.54</b>	Rating **	M	Issue No.	<b>36 (cont)</b>
LM End	<b>1.54</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.593224 °	38.593224 °
				-121.444299 °	-121.444299 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31223 DS_ID:24643 EP_NO: 2805 FS_HLM: 1.531 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP\_FA\_2015\_2975.jpg



View of levee crown and concrete box located on waterward shoulder.

LM Start	<b>1.82</b>	Rating **	A/W	Issue No.	<b>9</b>
LM End	<b>1.82</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.595700 °	38.595700 °
				-121.448198 °	-121.448198 °
DWR ID	DWR_NA0001_03_s_2012_9				
Action/Comments					
Repair the levee slope damaged by foot traffic and prevent access where possible. Inspector Comments: Slope repaired. Monitor for possible future erosion.					

Photo 1 of 1 : FA\_2015\_NA0001\_490\_9\_20150910\_00002.jpg



View of the erosion on landside levee slope due to pedestrian traffic.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.91</b>	Rating **	M	Issue No.	<b>37</b>
LM End	<b>1.91</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.596096 °	38.596096 °
				-121.449815 °	-121.449815 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31230 DS_ID:24801 EP_NO: N/A FS_HLM: 1.9 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit found--need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: Gas line through levee at unknown depth. Markers visible on waterward and landward side. Kinder Morgan line contact infor 916-363-1666. FS Date: 12/06/2013					

Photo 1 of 3 : UCIP\_FA\_2015\_2985.jpg



View of landward side.

LM Start	<b>1.91</b>	Rating **	M	Issue No.	<b>37 (cont)</b>
LM End	<b>1.91</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_2999.jpg



Overview of levee crown at crossing.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.91</b>	Rating **	M	Issue No.	<b>37 (cont)</b>
LM End	<b>1.91</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.596096 °	38.596096 °
				-121.449815 °	-121.449815 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31230 DS_ID:24801 EP_NO: N/A FS_HLM: 1.9 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_3000.jpg



View of waterward side.

LM Start	<b>1.91</b>	Rating **	M	Issue No.	<b>38</b>
LM End	<b>1.91</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.596108 °	38.596108 °
				-121.449887 °	-121.449887 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:29827 DS_ID:24296 EP_NO: N/A FS_HLM: 1.903 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm the diameter size or which owner is responsible for crossing. Owner could be Quest Communication or MCI--Need to contact owner to confirm crossing and obtain encroachment permit for work. FIELD_STRUCT_DESC: 3-inch cable through the levee, 2.5 feet below the crown. Two overhead telephone lines across the levee at location. FS Date: 12/06/2013					

Photo 1 of 3 : UCIP\_FA\_2015\_4121.jpg



Conduit markers visible on waterward side.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	1.91	Rating **	M	Issue No.	38 (cont)
LM End	1.91	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.596108 °	38.596108 °
				-121.449887 °	-121.449887 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:29827 DS_ID:24296 EP_NO: N/A FS_HLM: 1.903 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm the diameter size or which owner is responsible for crossing. Owner could be Quest Communication or MCI--Need to contact owner to confirm crossing and obtain encroachment permit for work. FIELD_STRUCT_DESC: 3-inch cable through the levee, 2.5 feet below the crown. Two overhead telephone lines across the levee at location. FS Date: 12/06/2013					

Photo 2 of 3 : UCIP\_FA\_2015\_4122.jpg



Conduit markers visible on landward side.

Photo 3 of 3 : UCIP\_FA\_2015\_4123.jpg



Overview of levee crown looking upstream at crossing.

<b>* Location</b> LS : Land Side 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.91</b>	Rating **	M	Issue No.	<b>39</b>
LM End	<b>1.91</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.596108 °	38.596108 °
				-121.449887 °	-121.449887 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:29826 DS_ID:24294 EP_NO: N/A FS_HLM: 1.902 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 1 of 3 : UCIP\_FA\_2015\_1244.jpg



View of waterward side--markers visible.

LM Start	<b>1.91</b>	Rating **	M	Issue No.	<b>39 (cont)</b>
LM End	<b>1.91</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_1245.jpg



View of landward side--conduit markers visible.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.91</b>	Rating **	M	Issue No.	<b>39 (cont)</b>
LM End	<b>1.91</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.596108 °	38.596108 °
				-121.449887 °	-121.449887 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:29826 DS_ID:24294 EP_NO: N/A FS_HLM: 1.902 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP\_FA\_2015\_4120.jpg



Overview of levee crown looking upstram at crossing.

LM Start	<b>2.27</b>	Rating **	A/W	Issue No.	<b>26</b>
LM End	<b>2.27</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.596161 °	38.596161 °
				-121.456419 °	-121.456419 °
DWR ID	DWR_NA0001_03_f_2015_26				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: The holes were backfilled by the LMA.					

No Photos

LM Start	<b>2.40</b>	Rating **	A/W	Issue No.	<b>25</b>
LM End	<b>2.40</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.595549 °	38.595549 °
				-121.458714 °	-121.458714 °
DWR ID	DWR_NA0001_03_f_2015_25				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: The holes were backfilled by the LMA.					

Photo 1 of 1 : FA\_2015\_NA0001\_490\_25\_20151112\_00011.jpg



View of the rodent holes on the landside levee slope.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>3.17</b>	Rating **	A/W	Issue No.	<b>1</b>
LM End	<b>3.17</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.599141 °	38.599141 °
				-121.470227 °	-121.470227 °
DWR ID	DWR_NA0001_03_f_2013_1				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA\_2015\_NA0001\_490\_1\_20150910\_00001.jpg



View of the rodent holes on the landside levee slope.

LM Start	<b>3.29</b>	Rating **	U	Issue No.	<b>40</b>
LM End	<b>3.29</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.600718 °	38.600718 °
				-121.471491 °	-121.471491 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:43284 DS_ID:24648 EP_NO: 911 FS_HLM: 3.25 Repair Type: Urgent Crossing Status: Found UCIP Comments: 2/6/2015 Permit information was entered and crossing description updated. (UCIP-Olivia)12/3/13 Need to contact owner to determine status of crossing. Markers missing. (UCIP-Olivia) FIELD_STRUCT_DESC: 12-3/4-inch gas line through the levee. FS Date: 12/03/2013					

Photo 1 of 3 : UCIP\_FA\_2015\_3096.jpg



View of landward side with undergroundservice alert (USA) paint with approximate alignment of multiple crossing in general area.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>3.29</b>	Rating **	U	Issue No.	<b>40 (cont)</b>
LM End	<b>3.29</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.600718 °	38.600718 °
				-121.471491 °	-121.471491 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:43284 DS_ID:24648 EP_NO: 911 FS_HLM: 3.25 Repair Type: Urgent Crossing Status: Found UCIP Comments: 2/6/2015 Permit information was entered and crossing description updated. (UCIP-Olivia)12/3/13 Need to contact owner to determine status of crossing. Markers missing. (UCIP-Olivia) FIELD_STRUCT_DESC: 12-3/4-inch gas line through the levee. FS Date: 12/03/2013					

Photo 2 of 3 : UCIP\_FA\_2015\_3097.jpg



Underground service alert (USA) marked approximate alignment for 12-inch gas line through levee.

LM Start	<b>3.29</b>	Rating **	U	Issue No.	<b>40 (cont)</b>
LM End	<b>3.29</b>	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_3098.jpg



View of waterward side slope and USA paint markings indicating alignment.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/28/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>3.31</b>	Rating **	M	Issue No.	<b>24</b>
LM End	<b>3.31</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.600958 °	38.600958 °	
			-121.471618 °	-121.471618 °	
DWR ID	DWR_NA0001_03_s_2015_24				
Action/Comments					
Pole Inspector Comments: SMUD replacing old pole at the landside toe of the levee. May or may not be permitted.					

Photo 1 of 1 : FA\_2015\_NA0001\_490\_24\_20150910\_00005.jpg



View of a new pole installed at the landside levee toe.

<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**

**Unit Cover Sheet**

**Fall 2015 Levee Inspection Results**

**American River Flood Control District**

Waterway		Bank	Unit Miles	
Unit No. 04 American River		Left	10.86	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	04/28/2015 - 04/29/2015		10/29/2015 - 11/09/2015	
DWR Inspector	Maksim Khashchuk		Maksim Khashchuk	
Accompanied By	Richard Marck ARFCD		Richard Marck ARFCD	

**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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>0.05</b>	Rating **	M	Issue No.	<b>746</b>
LM End	<b>0.05</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.597198 °	38.597198 °
				-121.506532 °	-121.506532 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:29003 DS_ID:24344 EP_NO: N/A FS_HLM: 0.06 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Metal boxes located on landward side could be associated with utility -- unable to confirm. Will need to contact owner. FIELD_STRUCT_DESC: Electrical conduit through the levee. FS Date: 12/19/2013					

Photo 1 of 3 : UCIP\_FA\_2015\_3099.jpg



View of waterward side.

LM Start	<b>0.05</b>	Rating **	M	Issue No.	<b>746 (cont)</b>
LM End	<b>0.05</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_3100.jpg



Overview of levee crown and waterward side.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	0.05	Rating **	M	Issue No.	746 (cont)
LM End	0.05	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
	Start		End		
Item	DWR UCIP Field Study			38.597198 °	38.597198 °
				-121.506532 °	-121.506532 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:29003 DS_ID:24344 EP_NO: N/A FS_HLM: 0.06 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP\_FA\_2015\_3101.jpg



Approximate alignment provided by the City of Sacramento for 2 inch line. Point labelled in green is field verified location where signs of crossing exist.

LM Start	0.20	Rating **	M	Issue No.	242
LM End	0.20	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
	Start		End		
Item	Encroachments			38.598832 °	38.598832 °
				-121.504984 °	-121.504984 °
DWR ID	DWR_NA0001_04_s_2015_242				
Action/Comments					
Fence Inspector Comments: Unpermitted gate being installed by Sacramento County Parks.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_242\_20150910\_00187.jpg



View of the gate installation in progress on the levee crown.

<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**

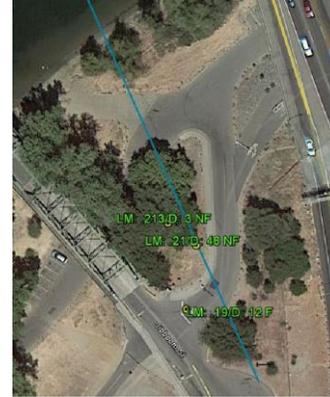
**Levee Inspection Report By Mile - Fall 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>0.21</b>	Rating **	M	Issue No.	<b>747</b>
LM End	<b>0.21</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.598982 °	38.598982 °
				-121.505045 °	-121.505045 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:29006 DS_ID:24435 EP_NO: 17171 FS_HLM: 0.21 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Unable to find any indications that crossing is still active. Will need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: 48-inch steel water line through the levee, approximately 32.0 feet below the crown. Siphon and blowoff valves in concrete riser on the landward side. (Permit No. 17171-2001) FS Date: 12/19/2013					

Photo 1 of 1 : UCIP\_FA\_2015\_3215.jpg



Approximate alignment provided by the City of Sacramento--crossing not found during field visit.

LM Start	<b>0.21</b>	Rating **	M	Issue No.	<b>177</b>
LM End	<b>0.21</b>	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.598980 °	38.598980 °
				-121.504773 °	-121.504773 °
DWR ID	DWR_NA0001_04_s_2012_177				
Action/Comments					
Landscaping Inspector Comments: Landscaping on levee crown at overpass.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_177\_20150910\_00153.jpg



View of the landscaping on the levee crown.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>0.31</b>	Rating **	M	Issue No.	<b>1</b>
LM End	<b>0.45</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.599835 °	38.600769 °	
			-121.503448 °	-121.501133 °	
DWR ID	DWR_NA0001_04_s_2012_1				
Action/Comments					
Landscaping Inspector Comments: Vines and privacy fence within 10-ft of the landside toe or on the levee slope obstruct visibility and access.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_1\_20150910\_00001.jpg



View of the vines obstructing visibility.

LM Start	<b>0.40</b>	Rating **	M	Issue No.	<b>748</b>
LM End	<b>0.40</b>	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.600436 °	38.600436 °	
			-121.502058 °	-121.502058 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31249 DS_ID:24303 EP_NO: N/A FS_HLM: 0.41 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Non-functional crossing--need additional information about how crossing was abandoned. FIELD_STRUCT_DESC: Abandoned 42-inch CM pipe through the levee, 16.5 feet below the crown. Gravel filled with both ends welded shut. Flap gate on the waterward end. Slide gate in CM riser and splash board drain structure on the landward side. (USACE-1955). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 10+00). FS Date: 12/19/2013					

Photo 1 of 3 : UCIP\_FA\_2015\_3243.jpg



View of levee crown at this location.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	0.40	Rating **	M	Issue No.	748 (cont)
LM End	0.40	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.600436 °	38.600436 °
				-121.502058 °	-121.502058 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31249 DS_ID:24303 EP_NO: N/A FS_HLM: 0.41 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Non-functional crossing--need additional information about how crossing was abandoned. FIELD_STRUCT_DESC: Abandoned 42-inch CM pipe through the levee, 16.5 feet below the crown. Gravel filled with both ends welded shut. Flap gate on the waterward end. Slide gate in CM riser and splash board drain structure on the landward side. (USACE-1955). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 10+00). FS Date: 12/19/2013					

Photo 2 of 3 : UCIP\_FA\_2015\_3244.jpg



View of waterward side--standpipe located on waterward slope. Standpipe filled with concrete.

LM Start	0.40	Rating **	M	Issue No.	748 (cont)
LM End	0.40	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_3245.jpg



Overview of crossing location.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.88</b>	Rating **	U	Issue No.	<b>749</b>
LM End	<b>1.88</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.595911 °	38.595911 °
				-121.477485 °	-121.477485 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:29027 DS_ID:24307 EP_NO: N/A FS_HLM: 1.911 Repair Type: Urgent Crossing Status: Found UCIP Comments: No markers or labels visible to indicate line is gas line--unable to confirm. FIELD_STRUCT_DESC: 1 of 2: 20-inch gas main through the levee, 5.0 feet below the crown. FS Date: 12/19/2013					

Photo 1 of 2 : UCIP\_FA\_2015\_2921.jpg



Two crossings visible at bridge.

Photo 2 of 2 : UCIP\_FA\_2015\_2922.jpg



View of line exposed at the bridge.

LM Start	<b>1.88</b>	Rating **	U	Issue No.	<b>749 (cont)</b>
LM End	<b>1.88</b>	Issue Type +	En	Location *	WS

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.95</b>	Rating **	A/W	Issue No.	<b>244</b>
LM End	<b>1.95</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.595040 °	38.595040 °
				-121.476882 °	-121.476882 °
DWR ID	DWR_NA0001_04_f_2015_244				
Action/Comments					
Repair the levee slope damaged by foot traffic and prevent access where possible.					

No Photos

LM Start	<b>2.25</b>	Rating **	M	Issue No.	<b>750</b>
LM End	<b>2.25</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.591923 °	38.591923 °
				-121.473744 °	-121.473744 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:29927 DS_ID:24310 EP_NO: 14150 FS_HLM: 2.268 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: unable to confirm if crossing is 4-inch steel conduit--will need to coordinate with owner. FIELD_STRUCT_DESC: 4-inch steel pipe conduit containing fiber optic cables through the levee, 3.5 feet below the crown. Markers on the levee shoulder. Rock revetment on the waterward slope. (Permit No. 14150-1986) FS Date: 12/19/2013					

Photo 1 of 3 : UCIP\_FA\_2015\_4302.jpg



Contact information for US Sprint--not MCI as records indicate.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	2.25	Rating **	M	Issue No.	750 (cont)
LM End	2.25	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.591923 °	38.591923 °
				-121.473744 °	-121.473744 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:29927 DS_ID:24310 EP_NO: 14150 FS_HLM: 2.268 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: unable to confirm if crossing is 4-inch steel conduit--will need to coordinate with owner. FIELD_STRUCT_DESC: 4-inch steel pipe conduit containing fiber optic cables through the levee, 3.5 feet below the crown. Markers on the levee shoulder. Rock revetment on the waterward slope. (Permit No. 14150-1986) FS Date: 12/19/2013					

Photo 2 of 3 : UCIP\_FA\_2015\_4303.jpg



View of waterward slope--concrete box could be associated with conduit?

LM Start	2.25	Rating **	M	Issue No.	750 (cont)
LM End	2.25	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_4304.jpg



Marker for buried fiber optic cable on waterward side.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>2.68</b>	Rating **	U	Issue No.	<b>2</b>
LM End	<b>2.68</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.588913 °	38.588913 °	
			-121.467210 °	-121.467210 °	
DWR ID	DWR_NA0001_04_s_2012_2				
Action/Comments					
Building Inspector Comments: Bell Marine					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_2\_20150910\_00002.jpg



03/16/2012 Structure on Bell Marine property.

LM Start	<b>2.72</b>	Rating **	M	Issue No.	<b>751</b>
LM End	<b>2.72</b>	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.587906 °	38.587906 °	
			-121.466689 °	-121.466689 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:29944 DS_ID:24327 EP_NO: 3362 FS_HLM: 2.73 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe sections abandoned on levee crown--need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: 12-inch steel pipe through the levee. Pipe extends from a settling pond, on the left bank berm, to an existing borrow pit located in the overflow area adjacent to the right bank. The pipeline is buried through the top of the riverbanks and buried in the left bank with aggregate revetment placed on the bank. The remainder of the pipeline is exposed across the bottom of the channel and the right bank. The line is used to divert wash water return from the gravel plant to the opposite side of the river. (Permit 8146-1974) FS Date: 12/19/2013					

Photo 1 of 2 : UCIP\_FA\_2015\_4305.jpg



View of structure located on levee crown.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	2.72	Rating **	M	Issue No.	751 (cont)
LM End	2.72	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.587906 °	38.587906 °
				-121.466689 °	-121.466689 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:29944 DS_ID:24327 EP_NO: 3362 FS_HLM: 2.73 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe sections abandoned on levee crown--need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: 12-inch steel pipe through the levee. Pipe extends from a settling pond, on the left bank berm, to an existing borrow pit located in the overflow area adjacent to the right bank. The pipeline is buried through the top of the riverbanks and buried in the left bank with aggregate revetment placed on the bank. The remainder of the pipeline is exposed across the bottom of the channel and the right bank. The line is used to divert wash water return from the gravel plant to the opposite side of the river. (Permit 8146-1974) FS Date: 12/19/2013					

Photo 2 of 2 : UCIP\_FA\_2015\_4427.jpg



Remnants of old crossing located on levee crown.

LM Start	2.72	Rating **	M	Issue No.	3
LM End	2.86	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.587939 °	38.587299 °
				-121.466635 °	-121.464320 °
DWR ID	DWR_NA0001_04_s_2012_3				
Action/Comments					
Equipment Inspector Comments: Bell Marine, LMA sent a letter to property owner for the violation.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_3\_20150910\_00003.jpg



View of the debris obstructing visibility and access.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>2.74</b>	Rating **	M	Issue No.	<b>247</b>
LM End	<b>2.74</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.587778 °	38.587778 °
				-121.466313 °	-121.466313 °
DWR ID	DWR_NA0001_04_s_2012_247				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

LM Start	<b>2.77</b>	Rating **	M	Issue No.	<b>752</b>
LM End	<b>2.77</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.587629 °	38.587629 °
				-121.465905 °	-121.465905 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31444 DS_ID:24805 EP_NO: N/A FS_HLM: 2.78 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: No permit (unauthorized crossing)--need additional information about crossing. FIELD_STRUCT_DESC: Standpipe located on waterward shoulder. Unable to confirm pipe alignment. No permit found. FS Date: 12/19/2013					

Photo 1 of 2 : UCIP\_FA\_2015\_4595.jpg



Standpipe located on waterward shoulder.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	2.77	Rating **	M	Issue No.	752 (cont)
LM End	2.77	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
			Start	End	
Item	DWR UCIP Field Study			38.587629 °	38.587629 °
				-121.465905 °	-121.465905 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31444 DS_ID:24805 EP_NO: N/A FS_HLM: 2.78 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: No permit (unauthorized crossing)--need additional information about crossing. FIELD_STRUCT_DESC: Standpipe located on waterward shoulder. Unable to confirm pipe alignment. No permit found. FS Date: 12/19/2013					

Photo 2 of 2 : UCIP\_FA\_2015\_4596.jpg



View of waterward slope.

LM Start	2.82	Rating **	M	Issue No.	753
LM End	2.82	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
			Start	End	
Item	DWR UCIP Field Study			38.587438 °	38.587438 °
				-121.464989 °	-121.464989 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31445 DS_ID:24806 EP_NO: N/A FS_HLM: 2.83 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit found (unauthorized?)--need additional information about crossing. FIELD_STRUCT_DESC: Standpipe located on waterward shoulder. Pipe crosses levee crown and landward side. Pipe used for irrigation. No Permit found. FS Date: 12/13/2013					

Photo 1 of 1 : UCIP\_FA\_2015\_4597.jpg



Spigot located inside riser located on waterward shoulder.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>2.82</b>	Rating **	M	Issue No.	<b>754</b>
LM End	<b>2.82</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.587383 °	38.587383 °
				-121.464951 °	-121.464951 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31253 DS_ID:24328 EP_NO: 5890 FS_HLM: 2.831 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Need to contact owner to determine status of crossing--approximate alignment indicates pipe does not cross levee however records shows drain pipe crosses levee. FIELD_STRUCT_DESC: 8-inch CM drainpipe through the levee, 2.1 feet below the crown. Concrete drop inlet structure at waterward shoulder. Maintenance facilities and yard on the landward side. Rock revetment on waterward slope. (Pemit No. 5890-1968) This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 156+75). FS Date: 12/19/2013					

Photo 1 of 1 : UCIP\_FA\_2015\_3246.jpg



Approximate alignment indicated in blue and approximate location indicated by DWR-UCIP in green label.

LM Start	<b>2.83</b>	Rating **	M	Issue No.	<b>4</b>
LM End	<b>2.83</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.587272 °	38.587272 °
				-121.464768 °	-121.464768 °
DWR ID	DWR_NA0001_04_s_2012_4				
Action/Comments					
Debris Inspector Comments: Bell Marine, LMA sent a letter to the property owner for this violation.					

Photo 1 of 2 : FA\_2015\_NA0001\_55\_4\_20150910\_00004.jpg



View of the debris stored in floodway.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>2.83</b>	Rating **	M	Issue No.	<b>4 (cont)</b>
LM End	<b>2.83</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.587272 °	38.587272 °
				-121.464768 °	-121.464768 °
DWR ID	DWR_NA0001_04_s_2012_4				
Action/Comments					
Debris Inspector Comments: Bell Marine, LMA sent a letter to the property owner for this violation.					

Photo 2 of 2 : FA\_2015\_NA0001\_55\_4\_20151112\_00214.jpg



Another view of the debris in the floodway.

LM Start	<b>2.86</b>	Rating **	M	Issue No.	<b>248</b>
LM End	<b>2.86</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.587293 °	38.587293 °
				-121.464338 °	-121.464338 °
DWR ID	DWR_NA0001_04_s_2012_248				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

LM Start	<b>2.92</b>	Rating **	U	Issue No.	<b>5</b>
LM End	<b>2.96</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.587251 °	38.587318 °
				-121.463237 °	-121.462513 °
DWR ID	DWR_NA0001_04_s_2012_5				
Action/Comments					
Building Inspector Comments: City of Sacramento building. Building is now Sutter's Landing Skate Park.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_5\_20150910\_00005.jpg



03/16/2012 Sutter's Landing Skate Park.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>3.19</b>	Rating **	M	Issue No.	<b>755</b>
LM End	<b>3.19</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.588601 °	38.588601 °
				-121.458503 °	-121.458503 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31254 DS_ID:24330 EP_NO: 15041 FS_HLM: 3.19 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Hole present on riser located on landward side--contact owner. Additional pipe found in waterward berm. Unable to confirm if this pipe section is part of crossing--size does not match. Unable to find CM standpipe on waterward side. FIELD_STRUCT_DESC: 16-inch CM drainpipe through the levee. Steel cutoff wall around pipe at center of levee. Storm drain gate on landward shoulder. Drainage ditch on landward side. CM standpipe on waterward side. Rock-filled ditch on waterward side. (Permit No. 15041-1993) FS Date: 12/13/2013					

Photo 1 of 3 : UCIP\_FA\_2015\_3247.jpg



Overview of waterward side.

LM Start	<b>3.19</b>	Rating **	M	Issue No.	<b>755 (cont)</b>
LM End	<b>3.19</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_3248.jpg



Pipe buried by vegetation--unable to determine if pipe goes through levee.

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

**Levee Inspection Report By Mile - Fall 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>3.19</b>	Rating **	M	Issue No.	<b>755 (cont)</b>
LM End	<b>3.19</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.588601 °	38.588601 °
				-121.458503 °	-121.458503 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31254 DS_ID:24330 EP_NO: 15041 FS_HLM: 3.19 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP\_FA\_2015\_3249.jpg



Pipe buried through vegetation.

LM Start	<b>3.62</b>	Rating **	M	Issue No.	<b>756</b>
LM End	<b>3.62</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.589033 °	38.589033 °
				-121.451145 °	-121.451145 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:42128 DS_ID:24807 EP_NO: N/A FS_HLM: 3.61 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 11/3/2014 (DWR-Olivia) Need to contact owner to determine status of crossing. Priority under Part IX has been changed from Urgent to Non-Urgent as a measure to normalize the data. Per Title 23 markers are necessary for pressure line--markers present. Recommend LMA to contact owner to determine additional information details--CVFPB permit, depth of pipe through levee, alignment, and last inspection completed confirming integrity of crossing.No permit found. Will need to contact owner to determine the status of crossing. FIELD_STRUCT_DESC: Petroleum pipeline through the levee, unknow depth. Markers visible on waterward side. Unable to confirm alignment. Owner contact information for Kinder Morgan is 916-363-1666. FS Date: 12/13/2013					

Photo 1 of 3 : UCIP\_FA\_2015\_4254.jpg



View of landward side.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>3.62</b>	Rating **	M	Issue No.	<b>756 (cont)</b>
LM End	<b>3.62</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.589033 °	38.589033 °
				-121.451145 °	-121.451145 °
DWR ID					

Photo 2 of 3 : UCIP\_FA\_2015\_4255.jpg



View of waterward side.

**Action/Comments**

Inspector Comments: FS\_ID:42128  
 DS\_ID:24807  
 EP\_NO: N/A  
 FS\_HLM: 3.61  
 Repair Type: Non-Urgent  
 Crossing Status: Indicator Found  
 UCIP Comments: 11/3/2014 (DWR-Olivia) Need to contact owner to determine status of crossing. Priority under Part IX has been changed from Urgent to Non-Urgent as a measure to normalize the data. Per Title 23 markers are necessary for pressure line--markers present. Recommend LMA to contact owner to determine additional information details--CVFPB permit, depth of pipe through levee, alignment, and last inspection completed confirming integrity of crossing.No permit found. Will need to contact owner to determine the status of crossing.  
 FIELD\_STRUCT\_DESC: Petroleum pipeline through the levee, unknow depth. Markers visible on waterward side. Unable to confirm alignment. Owner contact information for Kinder Morgan is 916-363-1666.  
 FS Date: 12/13/2013

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

**Levee Inspection Report By Mile - Fall 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	3.62	Rating **	M	Issue No.	756 (cont)	
LM End	3.62	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
			Start	End		
Item	DWR UCIP Field Study			38.589033 °	38.589033 °	
				-121.451145 °	-121.451145 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:42128 DS_ID:24807 EP_NO: N/A FS_HLM: 3.61 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 11/3/2014 (DWR-Olivia) Need to contact owner to determine status of crossing. Priority under Part IX has been changed from Urgent to Non-Urgent as a measure to normalize the data. Per Title 23 markers are necessary for pressure line--markers present. Recommend LMA to contact owner to determine additional information details--CVFPB permit, depth of pipe through levee, alignment, and last inspection completed confirming integrity of crossing.No permit found. Will need to contact owner to determine the status of crossing. FIELD_STRUCT_DESC: Petroleum pipeline through the levee, unknow depth. Markers visible on waterward side. Unable to confirm alignment. Owner contact information for Kinder Morgan is 916-363-1666. FS Date: 12/13/2013						

Photo 3 of 3 : UCIP\_FA\_2015\_4272.jpg



View of markers visible on landward side.

LM Start	3.75	Rating **	M	Issue No.	757	
LM End	3.75	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
			Start	End		
Item	DWR UCIP Field Study			38.587724 °	38.587724 °	
				-121.449554 °	-121.449554 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:31255 DS_ID:24335 EP_NO: N/A FS_HLM: 3.73 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Control box is non-functional parts have been removed. Unable to confirm diameter size and status--City of Sacramento indicates a 24 inch sewer main not 18 inch. Need to contact owner to confirm size. FIELD_STRUCT_DESC: 18-inch sewer main through the levee. Concrete manhole on the waterward slope. FS Date: 12/13/2013						

Photo 1 of 3 : UCIP\_FA\_2015\_3250.jpg



Manhole located on waterward slope.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	3.75	Rating **	M	Issue No.	757 (cont)
LM End	3.75	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.587724 °	38.587724 °
				-121.449554 °	-121.449554 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31255 DS_ID:24335 EP_NO: N/A FS_HLM: 3.73 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Control box is non-functional parts have been removed. Unable to confirm diameter size and status--City of Sacramento indicates a 24 inch sewer main not 18 inch. Need to contact owner to confirm size. FIELD_STRUCT_DESC: 18-inch sewer main through the levee. Concrete manhole on the waterward slope. FS Date: 12/13/2013					

Photo 2 of 3 : UCIP\_FA\_2015\_3251.jpg



View of waterward side.

LM Start	3.75	Rating **	M	Issue No.	757 (cont)
LM End	3.75	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_3252.jpg



Approximate alignment provided by City of Sacramento and DWR-UCIP confirmed location of sewer line is indicated by green label.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>3.88</b>	Rating **	U	Issue No.	<b>758</b>
LM End	<b>3.88</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.586496 °	38.586496 °
				-121.447631 °	-121.447631 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:29954 DS_ID:24311 EP_NO: 2805 FS_HLM: 3.86 Repair Type: Urgent Crossing Status: Indicator Found					

Photo 1 of 3 : UCIP\_FA\_2015\_4499.jpg



View of waterward side.

LM Start	<b>3.88</b>	Rating **	U	Issue No.	<b>758 (cont)</b>
LM End	<b>3.88</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_4500.jpg



View of levee crown section near highway.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>3.88</b>	Rating **	U	Issue No.	<b>758 (cont)</b>
LM End	<b>3.88</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.586496 °	38.586496 °
				-121.447631 °	-121.447631 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:29954 DS_ID:24311 EP_NO: 2805 FS_HLM: 3.86 Repair Type: Urgent Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP\_FA\_2015\_4501.jpg



Sewer line along fence line on landward side--riser near back fence.

LM Start	<b>3.89</b>	Rating **	M	Issue No.	<b>759</b>
LM End	<b>3.89</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.586479 °	38.586479 °
				-121.447574 °	-121.447574 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:29054 DS_ID:24337 EP_NO: N/A FS_HLM: 3.865 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Unknown owner--Need to coordinate with DWR Inspector and CVFPB. FIELD_STRUCT_DESC: 3-inch PVC conduit through levee, 2.0 feet below the crown. FS Date: 12/13/2013					

Photo 1 of 3 : UCIP\_FA\_2015\_1207.jpg



View of landward side.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	3.89	Rating **	M	Issue No.	759 (cont)
LM End	3.89	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.586479 °	38.586479 °
				-121.447574 °	-121.447574 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:29054 DS_ID:24337 EP_NO: N/A FS_HLM: 3.865 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Unknown owner--Need to coordinate with DWR Inspector and CVFPB. FIELD_STRUCT_DESC: 3-inch PVC conduit through levee, 2.0 feet below the crown. FS Date: 12/13/2013					

Photo 2 of 3 : UCIP\_FA\_2015\_1208.jpg



Electrical conduit marker located on landward toe.

LM Start	3.89	Rating **	M	Issue No.	759 (cont)
LM End	3.89	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_3106.jpg



Control box located on landward toe.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>3.90</b>	Rating **	U	Issue No.	<b>8</b>
LM End	<b>3.90</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.586327 °	38.586327 °	
			-121.447373 °	-121.447373 °	
DWR ID	DWR_NA0001_04_s_2012_8				
Action/Comments					
Fence Inspector Comments: Bamboo privacy fence within 10-ft of the landside toe obstructs visibility.					

Photo 1 of 2 : FA\_2015\_NA0001\_55\_8\_20150910\_00008.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>3.90</b>	Rating **	U	Issue No.	<b>8 (cont)</b>
LM End	<b>3.90</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA\_2015\_NA0001\_55\_8\_20150910\_00009.jpg



Fall 2009 photo: Fence and landscaping within 10-ft of levee toe obstructs access and visibility.

LM Start	<b>3.92</b>	Rating **	U	Issue No.	<b>6</b>
LM End	<b>3.92</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.586154 °	38.586154 °	
			-121.447115 °	-121.447115 °	
DWR ID	DWR_NA0001_04_s_2012_6				
Action/Comments					
Fence Inspector Comments: Privacy fence within 10-ft of the landside toe obstructs visibility. 04/14/2011 Landscaping has been removed.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_6\_20150910\_00006.jpg



04/14/2011 Landscaping, which was a Fall inspection issue has been removed, however wooden fence is still obstructing access and visibility.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>3.99</b>	Rating **	U	Issue No.	<b>112</b>
LM End	<b>3.99</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.585385 °	38.585385 °	
			-121.446168 °	-121.446168 °	
DWR ID	DWR_NA0001_04_s_2012_112				
Action/Comments					
Landscaping Inspector Comments: Landscaping completely blocks visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_112\_20150910\_00095.jpg



03/16/2012 Landscape obstructs visibility and access.

LM Start	<b>4.00</b>	Rating **	U	Issue No.	<b>13</b>
LM End	<b>4.00</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.585325 °	38.585325 °	
			-121.446059 °	-121.446059 °	
DWR ID	DWR_NA0001_04_s_2012_13				
Action/Comments					
Fence Inspector Comments: Pink cement block fence obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_13\_20150910\_00013.jpg



03/16/2012 Concrete wall obstructs access and visibility.

LM Start	<b>4.02</b>	Rating **	U	Issue No.	<b>14</b>
LM End	<b>4.02</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.585175 °	38.585175 °	
			-121.445883 °	-121.445883 °	
DWR ID	DWR_NA0001_04_s_2012_14				
Action/Comments					
Fence Inspector Comments: Privacy fence and helix pencil shrubs planted within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_14\_20150910\_00014.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>4.03</b>	Rating **	U	Issue No.	<b>15</b>
LM End	<b>4.03</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.585021 °	38.585021 °	
			-121.445678 °	-121.445678 °	
DWR ID	DWR_NA0001_04_s_2012_15				
Action/Comments					
Fence Inspector Comments: Privacy fence and evergreen shrub landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_15\_20150910\_00015.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>4.04</b>	Rating **	U	Issue No.	<b>16</b>
LM End	<b>4.04</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.584885 °	38.584885 °	
			-121.445520 °	-121.445520 °	
DWR ID	DWR_NA0001_04_s_2012_16				
Action/Comments					
Fence Inspector Comments: Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_16\_20150910\_00016.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>4.05</b>	Rating **	U	Issue No.	<b>17</b>
LM End	<b>4.05</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.584810 °	38.584810 °	
			-121.445403 °	-121.445403 °	
DWR ID	DWR_NA0001_04_s_2012_17				
Action/Comments					
Fence Inspector Comments: Privacy fence and maple tree landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_17\_20150910\_00017.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>4.10</b>	Rating **	M	Issue No.	<b>186</b>
LM End	<b>4.10</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.584354 °	38.584354 °	
			-121.444792 °	-121.444792 °	
DWR ID	DWR_NA0001_04_s_2012_186				
Action/Comments					
Landscaping Inspector Comments: Landscaping on cyclone fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_186\_20150910\_00159.jpg



Fall 2009 photo: Landscaping within 10-ft of levee toe obstructs access and visibility.

LM Start	<b>4.11</b>	Rating **	U	Issue No.	<b>20</b>
LM End	<b>4.11</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.584243 °	38.584243 °	
			-121.444647 °	-121.444647 °	
DWR ID	DWR_NA0001_04_s_2012_20				
Action/Comments					
Fence Inspector Comments: Privacy fence and shed within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_20\_20150910\_00020.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>4.12</b>	Rating **	U	Issue No.	<b>21</b>
LM End	<b>4.12</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.584129 °	38.584129 °	
			-121.444485 °	-121.444485 °	
DWR ID	DWR_NA0001_04_s_2012_21				
Action/Comments					
Landscaping Inspector Comments: Palms and other landscaping on levee slope, as well as the wooden privacy fence within 10-ft of the levee toe obstruct access and visibility. 04/14/2011 Palms have been removed.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_21\_20150910\_00021.jpg



04/14/2011 Palms have been removed.

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/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 - Fall 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>4.13</b>	Rating **	U	Issue No.	<b>22</b>
LM End	<b>4.13</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.584034 °	38.584034 °	
			-121.444322 °	-121.444322 °	
DWR ID	DWR_NA0001_04_s_2012_22				
Action/Comments					
Fence Inspector Comments: Cement block and wooden fence as well as the landscape planting are within 10-ft of the levee slope and obstruct access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_22\_20150910\_00022.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>4.14</b>	Rating **	U	Issue No.	<b>23</b>
LM End	<b>4.14</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.583935 °	38.583935 °	
			-121.444150 °	-121.444150 °	
DWR ID	DWR_NA0001_04_s_2012_23				
Action/Comments					
Fence Inspector Comments: Cement block and wooden fence obstruct visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_23\_20150910\_00023.jpg



03/16/2012 Wooden fence on cement wall obstructs access and visibility.

LM Start	<b>4.15</b>	Rating **	M	Issue No.	<b>187</b>
LM End	<b>4.15</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.583858 °	38.583858 °	
			-121.443981 °	-121.443981 °	
DWR ID	DWR_NA0001_04_s_2012_187				
Action/Comments					
Landscaping Inspector Comments: Orange, guava and other trees and landscaping obstruct access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_187\_20150910\_00160.jpg



View of the obstructing vegetation at levee toe.

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/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 - Fall 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>4.16</b>	Rating **	M	Issue No.	<b>188</b>
LM End	<b>4.16</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.583749 °	38.583749 °	
			-121.443820 °	-121.443820 °	
DWR ID	DWR_NA0001_04_s_2012_188				
Action/Comments					
Fence Inspector Comments: Cement block fence with iron top built into levee slope. Landscaping within 10-ft of the levee toe obstruct access and visibility.					

No Photos

LM Start	<b>4.18</b>	Rating **	M	Issue No.	<b>189</b>
LM End	<b>4.18</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.583652 °	38.583652 °	
			-121.443640 °	-121.443640 °	
DWR ID	DWR_NA0001_04_s_2012_189				
Action/Comments					
Landscaping Inspector Comments: Retaining wall is built into the levee slope. Steps, rail and landscaping on the levee slope.					

No Photos

LM Start	<b>4.19</b>	Rating **	U	Issue No.	<b>190</b>
LM End	<b>4.19</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.583559 °	38.583559 °	
			-121.443485 °	-121.443485 °	
DWR ID	DWR_NA0001_04_s_2012_190				
Action/Comments					
Landscaping Inspector Comments: Planter boxes built into levee slope. Wooden fence obstructs visibility. Pool is just outside 10-ft from levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_190\_20150910\_00161.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>4.21</b>	Rating **	U	Issue No.	<b>191</b>
LM End	<b>4.21</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.583355 °	38.583355 °	
			-121.443123 °	-121.443123 °	
DWR ID	DWR_NA0001_04_s_2012_191				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_191\_20150910\_00162.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>4.22</b>	Rating **	U	Issue No.	<b>24</b>
LM End	<b>4.22</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.583265 °	38.583265 °	
			-121.442965 °	-121.442965 °	
DWR ID	DWR_NA0001_04_s_2012_24				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence obstructs visibility. Retaining wall built into levee toe. 04/14/2011 retaining wall removed.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_24\_20150910\_00024.jpg



04/14/2011 Retaining wall has been removed. Wooden fence remains and is obstructing access and visibility.

LM Start	<b>4.25</b>	Rating **	U	Issue No.	<b>192</b>
LM End	<b>4.25</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.583031 °	38.583031 °	
			-121.442620 °	-121.442620 °	
DWR ID	DWR_NA0001_04_s_2012_192				
Action/Comments					
Landscaping Inspector Comments: Ivy and vine growth on cyclone fence obstruct visibility. Steps and landscaping built up levee slope.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_192\_20150910\_00163.jpg



03/16/2012 Landscaping on fence obstructs visibility and access.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>4.27</b>	Rating **	M	Issue No.	<b>193</b>
LM End	<b>4.27</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.582824 °	38.582824 °
				-121.442298 °	-121.442298 °
DWR ID	DWR_NA0001_04_s_2012_193				
Action/Comments					
Landscaping Inspector Comments: Landscaping on chain link fence partially obstructs visibility.					

No Photos

LM Start	<b>4.28</b>	Rating **	M	Issue No.	<b>194</b>
LM End	<b>4.28</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.582716 °	38.582716 °
				-121.442128 °	-121.442128 °
DWR ID	DWR_NA0001_04_s_2012_194				
Action/Comments					
Fence Inspector Comments: Planting boxes built into levee slope. 04/14/2011 Planter boxes removed. Chainlink fence partially obstructs access.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_194\_20150910\_00164.jpg



04/14/2011 Planter boxes have been removed. Chainlink fence partially blocks access.

LM Start	<b>4.31</b>	Rating **	U	Issue No.	<b>26</b>
LM End	<b>4.31</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.582479 °	38.582479 °
				-121.441768 °	-121.441768 °
DWR ID	DWR_NA0001_04_s_2012_26				
Action/Comments					
Fence Inspector Comments: Wooden fence within 10-ft of the levee toe. Garden and ramp built on levee slope.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_26\_20150910\_00025.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

<b>* Location</b> LS : Land Side 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>4.32</b>	Rating **	M	Issue No.	<b>195</b>
LM End	<b>4.32</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.582333 °	38.582333 °	
			-121.441506 °	-121.441506 °	
DWR ID	DWR_NA0001_04_s_2012_195				
Action/Comments					
Fence Inspector Comments: Landscaping planted on levee slope. 04/14/2011 Landscaping removed, chainlink fence remains.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_195\_20150910\_00165.jpg



04/14/2011 Landscape removed, chainlink fence remains.

LM Start	<b>4.34</b>	Rating **	U	Issue No.	<b>27</b>
LM End	<b>4.34</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.582223 °	38.582223 °	
			-121.441264 °	-121.441264 °	
DWR ID	DWR_NA0001_04_s_2012_27				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence obstructs visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_27\_20150910\_00026.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>4.35</b>	Rating **	U	Issue No.	<b>28</b>
LM End	<b>4.35</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.582186 °	38.582186 °	
			-121.441160 °	-121.441160 °	
DWR ID	DWR_NA0001_04_s_2012_28				
Action/Comments					
Fence Inspector Comments: Cement block fence obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_28\_20150910\_00027.jpg



03/16/2012 Cinder block wall obstructs visibility and access.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>4.36</b>	Rating **	M	Issue No.	<b>29</b>
LM End	<b>4.36</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.582083 °	38.582083 °	
			-121.440875 °	-121.440875 °	
DWR ID	DWR_NA0001_04_s_2012_29				
Action/Comments					
Fence Inspector Comments: Large flowering bush on levee slope - removed by ARFCD 2012. Retaining wall removed by ARFCD 2012. Wooden fence located at the levee toe obstructs access and visibility. 04/14/2011					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_29\_20150910\_00028.jpg



03/16/2012 Flowering bush is dormant, landscaping on levee slope and wooden privacy fence.

LM Start	<b>4.39</b>	Rating **	M	Issue No.	<b>196</b>
LM End	<b>4.39</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.581937 °	38.581937 °	
			-121.440479 °	-121.440479 °	
DWR ID	DWR_NA0001_04_s_2012_196				
Action/Comments					
Fence Inspector Comments: Picket fence on retaining wall within 10-ft of levee slope obstructs visibility.					

No Photos

LM Start	<b>4.41</b>	Rating **	U	Issue No.	<b>198</b>
LM End	<b>4.41</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.581788 °	38.581788 °	
			-121.440086 °	-121.440086 °	
DWR ID	DWR_NA0001_04_s_2012_198				
Action/Comments					
Fence Inspector Comments: Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_198\_20150910\_00167.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>4.42</b>	Rating **	U	Issue No.	<b>30</b>
LM End	<b>4.42</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.581724 °	38.581724 °	
			-121.439891 °	-121.439891 °	
DWR ID	DWR_NA0001_04_s_2012_30				
Action/Comments					
Fence Inspector Comments: Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_30\_20150910\_00029.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>4.47</b>	Rating **	U	Issue No.	<b>31</b>
LM End	<b>4.47</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.581495 °	38.581495 °	
			-121.439129 °	-121.439129 °	
DWR ID	DWR_NA0001_04_s_2012_31				
Action/Comments					
Fence Inspector Comments: Privacy fence within 10-ft of the levee toe obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_31\_20150910\_00030.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>4.50</b>	Rating **	M	Issue No.	<b>33</b>
LM End	<b>4.50</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.581359 °	38.581359 °	
			-121.438524 °	-121.438524 °	
DWR ID	DWR_NA0001_04_s_2012_33				
Action/Comments					
Landscaping Inspector Comments: Large photinia obstructs visibility.					

No Photos

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>4.51</b>	Rating **	M	Issue No.	<b>253</b>
LM End	<b>4.51</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.581320 °	38.581320 °	
			-121.438263 °	-121.438263 °	
DWR ID	DWR_NA0001_04_s_2012_253				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

LM Start	<b>4.52</b>	Rating **	M	Issue No.	<b>34</b>
LM End	<b>4.52</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.581282 °	38.581282 °	
			-121.438169 °	-121.438169 °	
DWR ID	DWR_NA0001_04_s_2012_34				
Action/Comments					
Landscaping Inspector Comments: Landscaping on levee slope obstructs visibility.					

No Photos

LM Start	<b>4.53</b>	Rating **	U	Issue No.	<b>35</b>
LM End	<b>4.53</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.581246 °	38.581246 °	
			-121.438033 °	-121.438033 °	
DWR ID	DWR_NA0001_04_s_2012_35				
Action/Comments					
Fence Inspector Comments: Wooden fence within 10-ft of the levee toe obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_35\_20150910\_00031.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>4.54</b>	Rating **	U	Issue No.	<b>199</b>
LM End	<b>4.54</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.581205 °	38.581205 °	
			-121.437830 °	-121.437830 °	
DWR ID	DWR_NA0001_04_s_2012_199				
Action/Comments					
Fence Inspector Comments: Wooden fence is within 10-ft of the levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_199\_20150910\_00168.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>4.55</b>	Rating **	U	Issue No.	<b>200</b>
LM End	<b>4.55</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.581178 °	38.581178 °	
			-121.437584 °	-121.437584 °	
DWR ID	DWR_NA0001_04_s_2012_200				
Action/Comments					
Fence Inspector Comments: Privacy fence, persimmon tree and landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_200\_20150910\_00169.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>4.57</b>	Rating **	U	Issue No.	<b>201</b>
LM End	<b>4.57</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.581155 °	38.581155 °	
			-121.437320 °	-121.437320 °	
DWR ID	DWR_NA0001_04_s_2012_201				
Action/Comments					
Fence Inspector Comments: Privacy fence within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_201\_20150910\_00170.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

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

**Levee Inspection Report By Mile - Fall 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>4.58</b>	Rating **	M	Issue No.	<b>36</b>
LM End	<b>4.58</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.581153 °	38.581153 °	
			-121.437079 °	-121.437079 °	
DWR ID	DWR_NA0001_04_s_2012_36				
Action/Comments					
Fence Inspector Comments: Privacy fence near pump station limits access and visibility.					

No Photos

LM Start	<b>4.61</b>	Rating **	M	Issue No.	<b>760</b>
LM End	<b>4.61</b>	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.581101 °	38.581101 °	
			-121.436502 °	-121.436502 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31446 DS_ID:24808 EP_NO: N/A FS_HLM: 4.611 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: New construction--need permit and details on crossing. FIELD_STRUCT_DESC: 1 of 4: Concrete service box located on waterward shoulder. Landward side has been regraded. No permit was found for the work. Unable to verify if crossing crosses levee. FS Date: 12/13/2013					

Photo 1 of 3 : UCIP\_FA\_2015\_4598.jpg



Service boxes located on waterward shoulder.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>4.61</b>	Rating **	M	Issue No.	<b>760 (cont)</b>
LM End	<b>4.61</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581101 °	38.581101 °
DWR ID				-121.436502 °	-121.436502 °

**Action/Comments**  
 Inspector Comments: FS\_ID:31446  
 DS\_ID:24808  
 EP\_NO: N/A  
 FS\_HLM: 4.611  
 Repair Type: Non-Urgent  
 Crossing Status: Indicator Found  
 UCIP Comments: New construction--need permit and details on crossing.  
 FIELD\_STRUCT\_DESC: 1 of 4: Concrete service box located on waterward shoulder. Landward side has been regraded. No permit was found for the work. Unable to verify if crossing crosses levee.  
 FS Date: 12/13/2013

Photo 2 of 3 : UCIP\_FA\_2015\_4599.jpg



View of regraded levee crown with service boxes on waterward slope.

LM Start	<b>4.61</b>	Rating **	M	Issue No.	<b>760 (cont)</b>
LM End	<b>4.61</b>	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_4600.jpg



View of landward side.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>4.61</b>	Rating **	M	Issue No.	<b>761</b>
LM End	<b>4.61</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581092 °	38.581092 °
				-121.436466 °	-121.436466 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31447 DS_ID:24809 EP_NO: N/A FS_HLM: 4.612 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 1 of 3 : UCIP\_FA\_2015\_4126.jpg



View of waterward side.

LM Start	<b>4.61</b>	Rating **	M	Issue No.	<b>761 (cont)</b>
LM End	<b>4.61</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_4127.jpg



View of levee crown at crossings.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>4.61</b>	Rating **	M	Issue No.	<b>761 (cont)</b>
LM End	<b>4.61</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581092 °	38.581092 °
				-121.436466 °	-121.436466 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31447 DS_ID:24809 EP_NO: N/A FS_HLM: 4.612 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP\_FA\_2015\_4128.jpg



View of landward side.

LM Start	<b>4.61</b>	Rating **	M	Issue No.	<b>762</b>
LM End	<b>4.61</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581087 °	38.581087 °
				-121.436449 °	-121.436449 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31448 DS_ID:24810 EP_NO: N/A FS_HLM: 4.613 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: New construction; no permit found; Need additional information about crossings to determine whether crossings penetrate levee. FIELD_STRUCT_DESC: 3 of 4: Concrete service box located on waterward shoulder. Landward side has been regraded. No permit was found for the work. Unable to verify if crossing crosses levee. FS Date: 12/13/2013					

Photo 1 of 3 : UCIP\_FA\_2015\_4129.jpg



View of waterward side.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	4.61	Rating **	M	Issue No.	762 (cont)
LM End	4.61	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581087 °	38.581087 °
				-121.436449 °	-121.436449 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31448 DS_ID:24810 EP_NO: N/A FS_HLM: 4.613 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: New construction; no permit found; Need additional information about crossings to determine whether crossings penetrate levee. FIELD_STRUCT_DESC: 3 of 4: Concrete service box located on waterward shoulder. Landward side has been regraded. No permit was found for the work. Unable to verify if crossing crosses levee. FS Date: 12/13/2013					

Photo 2 of 3 : UCIP\_FA\_2015\_4130.jpg



View of levee crown.

Photo 3 of 3 : UCIP\_FA\_2015\_4131.jpg



View of landward side.

LM Start	4.61	Rating **	M	Issue No.	762 (cont)
LM End	4.61	Issue Type +	En	Location *	LS

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>4.61</b>	Rating **	M	Issue No.	<b>763</b>
LM End	<b>4.61</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581082 °	38.581082 °
				-121.436431 °	-121.436431 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31449 DS_ID:24811 EP_NO: N/A FS_HLM: 4.614 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 1 of 3 : UCIP\_FA\_2015\_4132.jpg



View of landward side--service boxes located on landward slope.

LM Start	<b>4.61</b>	Rating **	M	Issue No.	<b>763 (cont)</b>
LM End	<b>4.61</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_4133.jpg



View of levee crown.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>4.61</b>	Rating **	M	Issue No.	<b>763 (cont)</b>
LM End	<b>4.61</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581082 °	38.581082 °
				-121.436431 °	-121.436431 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31449 DS_ID:24811 EP_NO: N/A FS_HLM: 4.614 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP\_FA\_2015\_4134.jpg



View of landward side.

LM Start	<b>4.66</b>	Rating **	M	Issue No.	<b>37</b>
LM End	<b>4.66</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.580944 °	38.580944 °
				-121.435651 °	-121.435651 °
DWR ID	DWR_NA0001_04_s_2012_37				
Action/Comments					
Landscaping Inspector Comments: Trees and vines on the levee toe obstruct visibility.					

No Photos

LM Start	<b>4.68</b>	Rating **	M	Issue No.	<b>38</b>
LM End	<b>4.68</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.580910 °	38.580910 °
				-121.435324 °	-121.435324 °
DWR ID	DWR_NA0001_04_s_2012_38				
Action/Comments					
Landscaping Inspector Comments: Landscape planting within 10-ft of the landside toe against 3-ft wooden slat fence.					

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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>4.70</b>	Rating **	M	Issue No.	<b>39</b>
LM End	<b>4.70</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.580840 °	38.580840 °
				-121.434901 °	-121.434901 °
DWR ID	DWR_NA0001_04_s_2012_39				
Action/Comments					
Landscaping Inspector Comments: Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.					

No Photos

LM Start	<b>4.72</b>	Rating **	M	Issue No.	<b>739</b>
LM End	<b>4.72</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.580778 °	38.580778 °
				-121.434467 °	-121.434467 °
DWR ID	DWR_NA0001_04_s_2012_739				
Action/Comments					
Debris Inspector Comments: PVC pipe and debris, also noted in USACE PI.					

Photo 1 of 2 : FA\_2015\_NA0001\_55\_739\_20150910\_00192.jpg



View of the previously noted debris stored in the upstream corner of the property. Note extensive burrowing in the backyard on the downstream (right) corner of the property.

LM Start	<b>4.72</b>	Rating **	M	Issue No.	<b>739 (cont)</b>
LM End	<b>4.72</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA\_2015\_NA0001\_55\_739\_20150910\_00193.jpg



11/15/2011 Debris on levee side of fence. This item was noted in the USACE PI.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>4.73</b>	Rating **	U	Issue No.	<b>40</b>
LM End	<b>4.73</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.580759 °	38.580759 °	
			-121.434294 °	-121.434294 °	
DWR ID	DWR_NA0001_04_s_2012_40				
Action/Comments					
Fence Inspector Comments: Privacy fence within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_40\_20150910\_00032.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>4.74</b>	Rating **	M	Issue No.	<b>41</b>
LM End	<b>4.74</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.580753 °	38.580753 °	
			-121.434077 °	-121.434077 °	
DWR ID	DWR_NA0001_04_s_2012_41				
Action/Comments					
Fence Inspector Comments: Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.					

No Photos

LM Start	<b>4.75</b>	Rating **	U	Issue No.	<b>42</b>
LM End	<b>4.75</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.580741 °	38.580741 °	
			-121.433899 °	-121.433899 °	
DWR ID	DWR_NA0001_04_s_2012_42				
Action/Comments					
Fence Inspector Comments: Privacy fence within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_42\_20150910\_00033.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>4.78</b>	Rating **	U	Issue No.	<b>43</b>
LM End	<b>4.78</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.580731 °	38.580731 °	
			-121.433490 °	-121.433490 °	
DWR ID	DWR_NA0001_04_s_2012_43				
Action/Comments					
Fence Inspector Comments: Privacy fence and storage sheds within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_43\_20150910\_00034.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>4.83</b>	Rating **	U	Issue No.	<b>205</b>
LM End	<b>4.83</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.580723 °	38.580723 °	
			-121.432577 °	-121.432577 °	
DWR ID	DWR_NA0001_04_s_2012_205				
Action/Comments					
Fence Inspector Comments: Privacy fence and landscape prunings on levee slope and toe. prunings removed. Fence obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_205\_20150910\_00172.jpg



03/16/2012 Chainlink fence with privacy slats obstructs visibility and access.

LM Start	<b>4.85</b>	Rating **	M	Issue No.	<b>44</b>
LM End	<b>4.85</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.580747 °	38.580747 °	
			-121.432039 °	-121.432039 °	
DWR ID	DWR_NA0001_04_s_2012_44				
Action/Comments					
Landscaping Inspector Comments: Lemon tree and vines obstruct visibility.					

No Photos

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>4.87</b>	Rating **	U	Issue No.	<b>206</b>
LM End	<b>4.87</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.580778 °	38.580778 °	
			-121.431704 °	-121.431704 °	
DWR ID	DWR_NA0001_04_s_2012_206				
Action/Comments					
Landscaping Inspector Comments: Fig tree obstructs visibility and access.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_206\_20150910\_00173.jpg



03/16/2012 Landscaping obstructs visibility and access.

LM Start	<b>4.87</b>	Rating **	U	Issue No.	<b>96</b>
LM End	<b>4.87</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.580767 °	38.580767 °	
			-121.431684 °	-121.431684 °	
DWR ID	DWR_NA0001_04_s_2012_96				
Action/Comments					
Building Inspector Comments: Wooden shed is located beneath the fig tree.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_96\_20150910\_00079.jpg



3/16/2012 Structure is within 15' of levee toe.

LM Start	<b>4.90</b>	Rating **	M	Issue No.	<b>207</b>
LM End	<b>4.90</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.580809 °	38.580809 °	
			-121.431274 °	-121.431274 °	
DWR ID	DWR_NA0001_04_s_2012_207				
Action/Comments					
Landscaping Inspector Comments: Garden activities obstruct visibility within 10-ft of the levee toe.					

No Photos

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>4.93</b>	Rating **	U	Issue No.	<b>45</b>
LM End	<b>4.93</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.580846 °	38.580846 °	
			-121.430699 °	-121.430699 °	
DWR ID	DWR_NA0001_04_s_2012_45				
Action/Comments					
Fence Inspector Comments: Wooden fence with bracing obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_45\_20150910\_00035.jpg



Wooden fence and braces obstruct access and visibility.

LM Start	<b>5.08</b>	Rating **	U	Issue No.	<b>46</b>
LM End	<b>5.08</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.581001 °	38.581001 °	
			-121.427854 °	-121.427854 °	
DWR ID	DWR_NA0001_04_s_2012_46				
Action/Comments					
Fence Inspector Comments: Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_46\_20150910\_00036.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>5.12</b>	Rating **	U	Issue No.	<b>208</b>
LM End	<b>5.12</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.580913 °	38.580913 °	
			-121.427119 °	-121.427119 °	
DWR ID	DWR_NA0001_04_s_2012_208				
Action/Comments					
Fence Inspector Comments: Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_208\_20150910\_00174.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>5.15</b>	Rating **	M	Issue No.	<b>47</b>
LM End	<b>5.15</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.580773 °	38.580773 °	
			-121.426691 °	-121.426691 °	
DWR ID	DWR_NA0001_04_s_2012_47				
Action/Comments					
Fence Inspector Comments: Chain link fence, helix sky pencil, and landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_47\_20150910\_00037.jpg



View of the fence and vegetation at the landside levee toe.

LM Start	<b>5.17</b>	Rating **	U	Issue No.	<b>48</b>
LM End	<b>5.17</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.580622 °	38.580622 °	
			-121.426372 °	-121.426372 °	
DWR ID	DWR_NA0001_04_s_2012_48				
Action/Comments					
Fence Inspector Comments: Wood privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_48\_20150910\_00038.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>5.44</b>	Rating **	U	Issue No.	<b>49</b>
LM End	<b>5.44</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.577589 °	38.577589 °	
			-121.423350 °	-121.423350 °	
DWR ID	DWR_NA0001_04_s_2012_49				
Action/Comments					
Fence Inspector Comments: Wood privacy fence within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_49\_20150910\_00039.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>5.61</b>	Rating **	U	Issue No.	<b>53</b>
LM End	<b>5.61</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.575250 °	38.575250 °
				-121.423240 °	-121.423240 °
DWR ID	DWR_NA0001_04_s_2012_53				
Action/Comments					
Landscaping Inspector Comments: Wood privacy fence, helix sky pencil, vines and landscaping within 10-ft of the levee toe obstruct access and visibility. Cement stairs up levee slope.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_53\_20150910\_00042.jpg



03/16/2012 Landscaping and fence obstruct visibility and access.

LM Start	<b>5.62</b>	Rating **	U	Issue No.	<b>54</b>
LM End	<b>5.62</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.575093 °	38.575093 °
				-121.423263 °	-121.423263 °
DWR ID	DWR_NA0001_04_s_2012_54				
Action/Comments					
Fence Inspector Comments: Wood privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_54\_20150910\_00043.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>5.63</b>	Rating **	U	Issue No.	<b>55</b>
LM End	<b>5.63</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.574837 °	38.574837 °
				-121.423297 °	-121.423297 °
DWR ID	DWR_NA0001_04_s_2012_55				
Action/Comments					
Fence Inspector Comments: Wood privacy fence within 10-ft of the levee toe obstructs visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_55\_20150910\_00044.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>5.65</b>	Rating **	U	Issue No.	<b>56</b>
LM End	<b>5.65</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.574648 °	38.574648 °	
			-121.423348 °	-121.423348 °	
DWR ID	DWR_NA0001_04_s_2012_56				
Action/Comments					
Building Inspector Comments: Cement block building on levee slope obstructs access.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_56\_20150910\_00045.jpg



03/16/2012 Structure within 15' of levee toe.

LM Start	<b>5.70</b>	Rating **	U	Issue No.	<b>57</b>
LM End	<b>5.70</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.573927 °	38.573927 °	
			-121.423480 °	-121.423480 °	
DWR ID	DWR_NA0001_04_s_2012_57				
Action/Comments					
Fence Inspector Comments: Wood privacy fence with ivy obstructs visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_57\_20150910\_00046.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>5.72</b>	Rating **	M	Issue No.	<b>58</b>
LM End	<b>5.72</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.573547 °	38.573547 °	
			-121.423583 °	-121.423583 °	
DWR ID	DWR_NA0001_04_s_2012_58				
Action/Comments					
Landscaping Inspector Comments: Garden built on levee slope.					

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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>5.73</b>	Rating **	U	Issue No.	<b>59</b>
LM End	<b>5.73</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.573403 °	38.573403 °	
			-121.423642 °	-121.423642 °	
DWR ID	DWR_NA0001_04_s_2012_59				
Action/Comments					
Fence Inspector Comments: Brick fence and landscaping within 10-ft of the levee toe obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_59\_20150910\_00047.jpg



03/16/2012 Fence and landscaping obstruct visibility and access.

LM Start	<b>5.75</b>	Rating **	C	Issue No.	<b>60</b>
LM End	<b>5.75</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.573240 °	38.573240 °	
			-121.423697 °	-121.423697 °	
DWR ID	DWR_NA0001_04_s_2012_60				
Action/Comments					
Landscaping Inspector Comments: Fig, maple and other landscaping obstructs visibility.					

No Photos

LM Start	<b>5.77</b>	Rating **	U	Issue No.	<b>61</b>
LM End	<b>5.77</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.572918 °	38.572918 °	
			-121.423760 °	-121.423760 °	
DWR ID	DWR_NA0001_04_s_2012_61				
Action/Comments					
Landscaping Inspector Comments: Dense ivy and shrubs are within 10-ft of the levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_61\_20150910\_00048.jpg



03/16/2012 Landscaping obstructs access and visibility.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>5.78</b>	Rating **	M	Issue No.	<b>62</b>
LM End	<b>5.78</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.572748 °	38.572748 °	
			-121.423818 °	-121.423818 °	
DWR ID	DWR_NA0001_04_s_2012_62				
Action/Comments					
Landscaping Inspector Comments: Citrus tree and slope landscaping obstructs visibility.					

No Photos

LM Start	<b>5.81</b>	Rating **	U	Issue No.	<b>63</b>
LM End	<b>5.81</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.572325 °	38.572325 °	
			-121.423913 °	-121.423913 °	
DWR ID	DWR_NA0001_04_s_2012_63				
Action/Comments					
Building Inspector Comments: Wood and fiberglass structure within 10-ft of the levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_63\_20150910\_00049.jpg



03/16/2012 Wood and fiberglass structure is within 15' of levee toe.

LM Start	<b>5.82</b>	Rating **	M	Issue No.	<b>64</b>
LM End	<b>5.82</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.572207 °	38.572207 °	
			-121.423933 °	-121.423933 °	
DWR ID	DWR_NA0001_04_s_2012_64				
Action/Comments					
Landscaping Inspector Comments: Dense shrubs on levee toe.					

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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>5.83</b>	Rating **	U	Issue No.	<b>65</b>
LM End	<b>5.83</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.572067 °	38.572067 °	
			-121.423970 °	-121.423970 °	
DWR ID	DWR_NA0001_04_s_2012_65				
Action/Comments					
Fence Inspector Comments: Extended privacy fence and retaining wall within 10-ft of levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_65\_20150910\_00050.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>5.83</b>	Rating **	N	Issue No.	<b>181</b>
LM End	<b>5.83</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.572032 °	38.572032 °	
			-121.423981 °	-121.423981 °	
DWR ID	DWR_NA0001_04_s_2012_181				
Action/Comments					
Tree stumps. Inspector Comments: 04/14/2011 Large stump at toe of levee.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_181\_20150910\_00157.jpg



04/14/2011 Large stump at toe of levee.

LM Start	<b>5.85</b>	Rating **	U	Issue No.	<b>210</b>
LM End	<b>5.85</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.571733 °	38.571733 °	
			-121.424055 °	-121.424055 °	
DWR ID	DWR_NA0001_04_s_2012_210				
Action/Comments					
Fence Inspector Comments: Privacy fence and retaining wall are within 10-ft of levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_210\_20150910\_00175.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>5.86</b>	Rating **	U	Issue No.	<b>66</b>
LM End	<b>5.86</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.571586 °	38.571586 °
				-121.424097 °	-121.424097 °
DWR ID	DWR_NA0001_04_s_2012_66				
Action/Comments					
Building					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_66\_20150910\_00051.jpg



03/16/2012 Structure is within 15' of levee toe.

LM Start	<b>5.87</b>	Rating **	U	Issue No.	<b>68</b>
LM End	<b>5.87</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.571525 °	38.571525 °
				-121.424152 °	-121.424152 °
DWR ID	DWR_NA0001_04_f_2013_68				
Action/Comments					
Landscaping Inspector Comments: Levee slope has been landscaped. This obstructs visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_68\_20150910\_00053.jpg



03/16/2012 Levee slope is heavily landscaped, retaining wall has been constructed at the levee toe.

LM Start	<b>5.89</b>	Rating **	M	Issue No.	<b>69</b>
LM End	<b>5.89</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.571243 °	38.571243 °
				-121.424167 °	-121.424167 °
DWR ID	DWR_NA0001_04_s_2012_69				
Action/Comments					
Landscaping Inspector Comments: Levee slope has been landscaped. This obstructs visibility.					

No Photos

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>5.89</b>	Rating **	M	Issue No.	<b>70</b>
LM End	<b>5.89</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.571145 °	38.571145 °
				-121.424192 °	-121.424192 °
DWR ID	DWR_NA0001_04_s_2012_70				
Action/Comments					
Landscaping Inspector Comments: Levee slope has been landscaped. This obstructs visibility.					

No Photos

LM Start	<b>5.91</b>	Rating **	N	Issue No.	<b>740</b>
LM End	<b>5.91</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.570940 °	38.570940 °
				-121.424173 °	-121.424173 °
DWR ID	DWR_NA0001_04_s_2012_740				
Action/Comments					
Tree stumps. Inspector Comments: Large stump					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_740\_20150910\_00194.jpg



11/15/2011 Large stump at levee toe.

LM Start	<b>5.92</b>	Rating **	N	Issue No.	<b>741</b>
LM End	<b>5.92</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.570800 °	38.570800 °
				-121.424184 °	-121.424184 °
DWR ID	DWR_NA0001_04_s_2012_741				
Action/Comments					
Tree stumps. Inspector Comments: Stump.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_741\_20150910\_00195.jpg



11/15/2011 Stump at levee toe.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>5.92</b>	Rating **	U	Issue No.	<b>88</b>
LM End	<b>5.92</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.570752 °	38.570752 °	
			-121.424219 °	-121.424219 °	
DWR ID	DWR_NA0001_04_f_2012_88				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_88\_20150910\_00071.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>5.94</b>	Rating **	M	Issue No.	<b>71</b>
LM End	<b>5.94</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.570450 °	38.570450 °	
			-121.424237 °	-121.424237 °	
DWR ID	DWR_NA0001_04_s_2012_71				
Action/Comments					
Landscaping Inspector Comments: Landscaping and garden within 10-ft of the levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_71\_20150910\_00054.jpg



View of the landscaping at the landside levee toe.

LM Start	<b>5.94</b>	Rating **	U	Issue No.	<b>72</b>
LM End	<b>5.94</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.570391 °	38.570391 °	
			-121.424227 °	-121.424227 °	
DWR ID	DWR_NA0001_04_s_2012_72				
Action/Comments					
Fence Inspector Comments: Wood fence and landscaping within 10-ft of the levee toe obstructs visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_72\_20150910\_00055.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>5.98</b>	Rating **	M	Issue No.	<b>211</b>
LM End	<b>5.98</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.569893 °	38.569893 °	
			-121.424310 °	-121.424310 °	
DWR ID	DWR_NA0001_04_s_2012_211				
Action/Comments					
Fence Inspector Comments: Apartment complex privacy fence and shrubs within 10-ft of the slope obstruct visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_211\_20150910\_00176.jpg



View of the fence at the landside levee toe.

LM Start	<b>6.21</b>	Rating **	M	Issue No.	<b>249</b>
LM End	<b>6.21</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.566649 °	38.566649 °	
			-121.423730 °	-121.423730 °	
DWR ID	DWR_NA0001_04_f_2015_249				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	<b>6.24</b>	Rating **	M	Issue No.	<b>243</b>
LM End	<b>6.24</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.566225 °	38.566225 °	
			-121.423554 °	-121.423554 °	
DWR ID	DWR_NA0001_04_f_2015_243				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>6.24</b>	Rating **	M	Issue No.	<b>164</b>
LM End	<b>6.24</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.566198 °	38.566198 °	
			-121.423528 °	-121.423528 °	
DWR ID	DWR_NA0001_04_f_2012_164				
Action/Comments					
Elderberries are blocking visibility and flood fight capability. Inspector Comments: Elderberry bush at levee toe.					

No Photos

LM Start	<b>6.45</b>	Rating **	N	Issue No.	<b>238</b>
LM End	<b>6.45</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.563231 °	38.563231 °	
			-121.422404 °	-121.422404 °	
DWR ID	DWR_NA0001_04_f_2015_238				
Action/Comments					
Tree stumps.					

No Photos

LM Start	<b>6.49</b>	Rating **	N	Issue No.	<b>233</b>
LM End	<b>6.49</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.562659 °	38.562659 °	
			-121.422122 °	-121.422122 °	
DWR ID	DWR_NA0001_04_f_2015_233				
Action/Comments					
Tree stumps.					

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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>6.58</b>	Rating **	U	Issue No.	<b>73</b>
LM End	<b>6.58</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.561643 °	38.561643 °	
			-121.421262 °	-121.421262 °	
DWR ID	DWR_NA0001_04_s_2012_73				
Action/Comments					
Building Inspector Comments: Generator and sheds within 10-ft of levee slope.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_73\_20150910\_00056.jpg



03/16/2012 Structure for generator is within 5' of levee toe.

LM Start	<b>6.60</b>	Rating **	M	Issue No.	<b>185</b>
LM End	<b>6.60</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.561448 °	38.561448 °	
			-121.421071 °	-121.421071 °	
DWR ID	DWR_NA0001_04_f_2013_185				
Action/Comments					
Tank Inspector Comments: 5 water tanks and storage shed within 10 feet of landside levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_185\_20150910\_00158.jpg



View of the water tanks stored at the landside levee toe.

LM Start	<b>6.62</b>	Rating **	M	Issue No.	<b>51</b>
LM End	<b>6.62</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.561117 °	38.561117 °	
			-121.420749 °	-121.420749 °	
DWR ID	DWR_NA0001_04_f_2013_51				
Action/Comments					
Material Inspector Comments: Pipe and other material stored within 10 feet of landside levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_51\_20150910\_00040.jpg



View of the material stored at the landside levee toe.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>6.65</b>	Rating **	M	Issue No.	<b>240</b>
LM End	<b>6.65</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.560883 °	38.560883 °
				-121.420514 °	-121.420514 °
DWR ID	DWR_NA0001_04_f_2014_240				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_240\_20150910\_00185.jpg



View of a rodent burrow at the landside levee toe.

LM Start	<b>6.77</b>	Rating **	M	Issue No.	<b>764</b>
LM End	<b>6.77</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.559450 °	38.559450 °
				-121.418960 °	-121.418960 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:29969 DS_ID:24595 EP_NO: 16961 FS_HLM: 6.812 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No access available due to construction activities--need to inspect this section of levee once construction is complete. FIELD_STRUCT_DESC: 2 of 2: 48-inch HDPE drainpipe through the levee, approximately 2.5 feet below the crown. Siphon breaker on shoulder. Outfall structure on waterward side. Rock revetment on waterward slope. (Permit No. 16961-2000) FS Date: 12/11/2013					

No Photos

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>6.77</b>	Rating **	M	Issue No.	<b>765</b>
LM End	<b>6.77</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.559450 °	38.559450 °
				-121.418960 °	-121.418960 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:29975 DS_ID:24349 EP_NO: 16961 FS_HLM: 6.811 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No access available due to construction activities-- need to inspect this section of levee once construction is complete. FIELD_STRUCT_DESC: 1 of 2: 48-inch HDPE drainpipe through the levee, approximately 2.5 feet below the crown. Siphon breaker on shoulder. Outfall strucutre on waterward side. Rock revetment on waterward slope. (Permit No. 16961-2000) FS Date: 12/11/2013					

No Photos

LM Start	<b>6.82</b>	Rating **	C	Issue No.	<b>241</b>
LM End	<b>6.82</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.559228 °	38.559228 °
				-121.418171 °	-121.418171 °
DWR ID	DWR_NA0001_04_s_2015_241				
<b>Action/Comments</b>					
Schedule repair of erosion site prior to the next 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	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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>6.82</b>	Rating **	M	Issue No.	<b>140</b>
LM End	<b>6.94</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.559152 °	38.558115 °	
			-121.418108 °	-121.416328 °	
DWR ID	DWR_NA0001_04_f_2012_140				
Action/Comments					
Landscaping Inspector Comments: Bushes at waterside hinge obstruct visibility of waterside slope from levee crown.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_140\_20150910\_00118.jpg



View of landscaping at waterside hinge obstructing visibility.

LM Start	<b>6.83</b>	Rating **	M	Issue No.	<b>766</b>
LM End	<b>6.83</b>	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.558960 °	38.558960 °	
			-121.418140 °	-121.418140 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:29971 DS_ID:24596 EP_NO: 17671 FS_HLM: 6.87 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No access available due to construction activities-- need to inspect this section of levee once construction is complete. FIELD_STRUCT_DESC: 2 of 2: 60-inch sewer main under the levee. Provide a field description of this crossing. (Permit No. 17671-2003) FS Date: 12/11/2013					

No Photos

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>6.83</b>	Rating **	M	Issue No.	<b>767</b>
LM End	<b>6.83</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.558960 °	38.558960 °
				-121.418140 °	-121.418140 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:29970 DS_ID:24084 EP_NO: 17671 FS_HLM: 6.869 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No access available due to construction activities-- need to inspect this section of levee once construction is complete. FIELD_STRUCT_DESC: 1 of 2: 60-inch sewer main under the levee. (Permit No. 17671-2003) FS Date: 12/11/2013					

No Photos

LM Start	<b>6.83</b>	Rating **	M	Issue No.	<b>768</b>
LM End	<b>6.83</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.559011 °	38.559011 °
				-121.418079 °	-121.418079 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:29972 DS_ID:24320 EP_NO: 12188 FS_HLM: 6.871 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No access available due to construction activities-- need to inspect this section of levee once construction is complete. FIELD_STRUCT_DESC: 60-inch steel sewer main under the levee, approximately 21.6 feet below the crown. Two concrete cutoff walls around pipe under each shoulder. (Permit No. 12188-1979) FS Date: 12/11/2013					

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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>6.89</b>	Rating **	M	Issue No.	<b>769</b>
LM End	<b>6.89</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.558530 °	38.558530 °
				-121.417270 °	-121.417270 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:29973 DS_ID:24342 EP_NO: 15357 FS_HLM: 6.927 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No access available due to construction activities-- need to inspect this section of levee once construction is complete. FIELD_STRUCT_DESC: [Sacramento American River Filtration Plant] 36-inch waste water line through the levee at crown elevation. A bridged conduit and influent structure across levee. Concrete basin on landward slope. Concrete structure for pumping plant in channel. Bridge access to structure. Chain-link fence around landward side. Rock revetment on waterward slope. (Permit No. 3588-1963) Repairs to treatment plant and structure foundation under Permit No. 15357 (1991). FS Date: 12/11/2013					

No Photos

LM Start	<b>6.99</b>	Rating **	M	Issue No.	<b>770</b>
LM End	<b>6.99</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.558100 °	38.558100 °
				-121.415420 °	-121.415420 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:29974 DS_ID:24085 EP_NO: 17587 FS_HLM: 7.035 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No access available due to construction activities-- need to inspect this section of levee once construction is complete. FIELD_STRUCT_DESC: 54-inch water main through the levee. Provide a field description of this crossing. (Permit No. 17587-2003) FS Date: 12/11/2013					

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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>7.34</b>	Rating **	M	Issue No.	<b>771</b>
LM End	<b>7.34</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.558197 °	38.558197 °
				-121.409106 °	-121.409106 °
DWR ID					

Photo 1 of 3 : UCIP\_FA\_2015\_3184.jpg



**Action/Comments**

Inspector Comments: FS\_ID:30023  
 DS\_ID:24319  
 EP\_NO: 3596  
 FS\_HLM: 7.384  
 Repair Type: Non-Urgent  
 Crossing Status: Indicator Found  
 UCIP Comments: Need to contact owners to determine how crossing was abandoned.  
 FIELD\_STRUCT\_DESC: [Power Inn Road Plant] 4 of 4: Abandoned 48-inch CM drainpipe through the levee, 20.0 feet below the crown. Two CM cutoff walls around pipe under each shoulder. Slide gate with control pedestal in CM pipe riser on waterward slope. Slide gate with control pedestal in collection sump on landward side. Pumping plant at landward toe. Reinforced concrete discharge box at the toe of the water ward slope. Flap gate on waterward end. (Permit No. 3596-1962) 60-inch discharge pipe from box across the berm to the riverbank installed under Permit No. 5894 (1970). Pipe abandoned and CM pipe riser cut 2.0 feet below ground surface under Permit No. 3596A (1998).  
 FS Date: 12/11/2013

Signs of crossing repair patch section visible on levee crown.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	7.34	Rating **	M	Issue No.	771 (cont)
LM End	7.34	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.558197 °	38.558197 °
DWR ID				-121.409106 °	-121.409106 °
Action/Comments					
Inspector Comments: FS_ID:30023 DS_ID:24319 EP_NO: 3596 FS_HLM: 7.384 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owners to determine how crossing was abandoned. FIELD_STRUCT_DESC: [Power Inn Road Plant] 4 of 4: Abandoned 48-inch CM drainpipe through the levee, 20.0 feet below the crown. Two CM cutoff walls around pipe under each shoulder. Slide gate with control pedestal in CM pipe riser on waterward slope. Slide gate with control pedestal in collection sump on landward side. Pumping plant at landward toe. Reinforced concrete discharge box at the toe of the water ward slope. Flap gate on waterward end. (Permit No. 3596-1962) 60-inch discharge pipe from box across the berm to the riverbank installed under Permit No. 5894 (1970). Pipe abandoned and CM pipe riser cut 2.0 feet below ground surface under Permit No. 3596A (1998). FS Date: 12/11/2013					

Photo 2 of 3 : UCIP\_FA\_2015\_4456.jpg



Overview of levee crown at crossings.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	7.34	Rating **	M	Issue No.	771 (cont)
LM End	7.34	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.558197 °	38.558197 °
DWR ID				-121.409106 °	-121.409106 °
Action/Comments					
Inspector Comments: FS_ID:30023 DS_ID:24319 EP_NO: 3596 FS_HLM: 7.384 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owners to determine how crossing was abandoned. FIELD_STRUCT_DESC: [Power Inn Road Plant] 4 of 4: Abandoned 48-inch CM drainpipe through the levee, 20.0 feet below the crown. Two CM cutoff walls around pipe under each shoulder. Slide gate with control pedestal in CM pipe riser on waterward slope. Slide gate with control pedestal in collection sump on landward side. Pumping plant at landward toe. Reinforced concrete discharge box at the toe of the water ward slope. Flap gate on waterward end. (Permit No. 3596-1962) 60-inch discharge pipe from box across the berm to the riverbank installed under Permit No. 5894 (1970). Pipe abandoned and CM pipe riser cut 2.0 feet below ground surface under Permit No. 3596A (1998). FS Date: 12/11/2013					

Photo 3 of 3 : UCIP\_FA\_2015\_4583.jpg



View of waterward side.

LM Start	7.65	Rating **	U	Issue No.	74
LM End	7.68	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.559177 °	38.559218 °
DWR ID	DWR_NA0001_04_s_2012_74			-121.403541 °	-121.402967 °
Action/Comments					
Fence Inspector Comments: Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_74\_20150910\_00057.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>7.69</b>	Rating **	U	Issue No.	<b>75</b>
LM End	<b>7.72</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.559230 °	38.559261 °	
			-121.402708 °	-121.402219 °	
DWR ID	DWR_NA0001_04_s_2012_75				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_75\_20150910\_00058.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>7.75</b>	Rating **	U	Issue No.	<b>76</b>
LM End	<b>7.76</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.559308 °	38.559309 °	
			-121.401717 °	-121.401388 °	
DWR ID	DWR_NA0001_04_s_2012_76				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_76\_20150910\_00059.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>7.78</b>	Rating **	U	Issue No.	<b>77</b>
LM End	<b>7.80</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.559330 °	38.559366 °	
			-121.401162 °	-121.400683 °	
DWR ID	DWR_NA0001_04_s_2012_77				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_77\_20150910\_00060.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

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

**Levee Inspection Report By Mile - Fall 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>7.82</b>	Rating **	U	Issue No.	<b>78</b>
LM End	<b>7.84</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.559379 °	38.559435 °	
			-121.400354 °	-121.399944 °	
DWR ID	DWR_NA0001_04_s_2012_78				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_78\_20150910\_00061.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>7.86</b>	Rating **	U	Issue No.	<b>79</b>
LM End	<b>7.88</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.559514 °	38.559643 °	
			-121.399700 °	-121.399248 °	
DWR ID	DWR_NA0001_04_s_2012_79				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_79\_20150910\_00062.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>7.90</b>	Rating **	U	Issue No.	<b>80</b>
LM End	<b>7.93</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.559753 °	38.559911 °	
			-121.398982 °	-121.398506 °	
DWR ID	DWR_NA0001_04_s_2012_80				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_80\_20150910\_00063.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>7.93</b>	Rating **	M	Issue No.	<b>223</b>
LM End	<b>7.93</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.559957 °	38.559957 °	
			-121.398401 °	-121.398401 °	
DWR ID	DWR_NA0001_04_s_2012_223				
Action/Comments					
Landscaping Inspector Comments: Landscaping trees and bushes within 10-ft of levee toe obstruct visibility.					

No Photos

LM Start	<b>7.94</b>	Rating **	U	Issue No.	<b>224</b>
LM End	<b>7.97</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.559994 °	38.560185 °	
			-121.398318 °	-121.397845 °	
DWR ID	DWR_NA0001_04_s_2012_224				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_224\_20150910\_00177.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>7.98</b>	Rating **	U	Issue No.	<b>81</b>
LM End	<b>8.00</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.560281 °	38.560435 °	
			-121.397604 °	-121.397239 °	
DWR ID	DWR_NA0001_04_s_2012_81				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_81\_20150910\_00064.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>8.02</b>	Rating **	U	Issue No.	<b>82</b>
LM End	<b>8.02</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.560537 °	38.560537 °	
			-121.396912 °	-121.396912 °	
DWR ID	DWR_NA0001_04_s_2012_82				
Action/Comments					
Fence Inspector Comments: Brick fence is within 10-ft of levee toe, obstructing access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_82\_20150910\_00065.jpg



03/16/2012 Brick wall completely obstructs access and visibility.

LM Start	<b>8.04</b>	Rating **	U	Issue No.	<b>83</b>
LM End	<b>8.04</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.560647 °	38.560647 °	
			-121.396660 °	-121.396660 °	
DWR ID	DWR_NA0001_04_s_2012_83				
Action/Comments					
Fence Inspector Comments: Brick fence is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_83\_20150910\_00066.jpg



03/16/2012 Brick wall completely obstructs access and visibility.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>8.05</b>	Rating **	U	Issue No.	<b>84</b>
LM End	<b>8.05</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.560728 °	38.560728 °	
			-121.396471 °	-121.396471 °	
DWR ID	DWR_NA0001_04_s_2012_84				
Action/Comments					
Fence Inspector Comments: Brick fence is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_84\_20150910\_00067.jpg



03/16/2012 Brick wall completely obstructs access and visibility.

LM Start	<b>8.06</b>	Rating **	A/W	Issue No.	<b>745</b>
LM End	<b>8.06</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.560830 °	38.560830 °	
			-121.396232 °	-121.396232 °	
DWR ID	DWR_NA0001_04_s_2012_745				
Action/Comments					
Urban Inspector Comments: Drains direct gutter flow onto levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_745\_20150910\_00196.jpg



11/15/2011 Gutter drains that are suspended from the balcony direct flow onto the levee toe.

LM Start	<b>8.07</b>	Rating **	U	Issue No.	<b>85</b>
LM End	<b>8.07</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.560845 °	38.560845 °	
			-121.396189 °	-121.396189 °	
DWR ID	DWR_NA0001_04_s_2012_85				
Action/Comments					
Fence Inspector Comments: Brick fence is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_85\_20150910\_00068.jpg



03/16/2012 Brick wall completely obstructs access and visibility.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>8.08</b>	Rating **	U	Issue No.	<b>86</b>
LM End	<b>8.08</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.560907 °	38.560907 °	
			-121.396043 °	-121.396043 °	
DWR ID	DWR_NA0001_04_s_2012_86				
Action/Comments					
Fence Inspector Comments: Brick fence is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_86\_20150910\_00069.jpg



03/16/2012 Brick wall completely obstructs access and visibility.

LM Start	<b>8.09</b>	Rating **	U	Issue No.	<b>87</b>
LM End	<b>8.09</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.561008 °	38.561008 °	
			-121.395817 °	-121.395817 °	
DWR ID	DWR_NA0001_04_s_2012_87				
Action/Comments					
Fence Inspector Comments: Brick fence is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_87\_20150910\_00070.jpg



03/16/2012 Brick wall completely obstructs access and visibility.

LM Start	<b>8.13</b>	Rating **	M	Issue No.	<b>225</b>
LM End	<b>8.13</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.561248 °	38.561248 °	
			-121.395169 °	-121.395169 °	
DWR ID	DWR_NA0001_04_s_2012_225				
Action/Comments					
Landscaping Inspector Comments: Landscaping along chain link fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_225\_20150910\_00178.jpg



View of the landscaping at the levee toe.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>8.16</b>	Rating **	U	Issue No.	<b>89</b>
LM End	<b>8.16</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.561467 °	38.561467 °	
			-121.394728 °	-121.394728 °	
DWR ID	DWR_NA0001_04_s_2012_89				
Action/Comments					
Fence Inspector Comments: Fence and landscaping arbor within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_89\_20150910\_00072.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>8.17</b>	Rating **	U	Issue No.	<b>90</b>
LM End	<b>8.17</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.561544 °	38.561544 °	
			-121.394494 °	-121.394494 °	
DWR ID	DWR_NA0001_04_s_2012_90				
Action/Comments					
Fence Inspector Comments: Cement block fence within 10-ft of the levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_90\_20150910\_00073.jpg



03/16/2012 Cinder block wall completely obstructs access and visibility.

LM Start	<b>8.18</b>	Rating **	U	Issue No.	<b>91</b>
LM End	<b>8.18</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.561593 °	38.561593 °	
			-121.394315 °	-121.394315 °	
DWR ID	DWR_NA0001_04_s_2012_91				
Action/Comments					
Fence Inspector Comments: Concrete block fence and landscaping within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_91\_20150910\_00074.jpg



03/16/2012 Cinder block wall completely obstructs access and visibility.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>8.19</b>	Rating **	U	Issue No.	<b>92</b>
LM End	<b>8.19</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.561658 °	38.561658 °	
			-121.394157 °	-121.394157 °	
DWR ID	DWR_NA0001_04_s_2012_92				
Action/Comments					
Fence Inspector Comments: Cement block fence and landscaping within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_92\_20150910\_00075.jpg



03/16/2012 Cinder block fence completely obstructs access and visibility.

LM Start	<b>8.21</b>	Rating **	U	Issue No.	<b>93</b>
LM End	<b>8.21</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.561750 °	38.561750 °	
			-121.393917 °	-121.393917 °	
DWR ID	DWR_NA0001_04_s_2012_93				
Action/Comments					
Fence Inspector Comments: Wooden fence, strung tarps, and landscaping within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_93\_20150910\_00076.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>8.21</b>	Rating **	U	Issue No.	<b>94</b>
LM End	<b>8.21</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.561799 °	38.561799 °	
			-121.393758 °	-121.393758 °	
DWR ID	DWR_NA0001_04_s_2012_94				
Action/Comments					
Fence Inspector Comments: Wood privacy fence and pool within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_94\_20150910\_00077.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>8.26</b>	Rating **	U	Issue No.	<b>99</b>
LM End	<b>8.26</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.562120 °	38.562120 °	
			-121.392983 °	-121.392983 °	
DWR ID	DWR_NA0001_04_s_2012_99				
Action/Comments					
Fence Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_99\_20150910\_00082.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>8.27</b>	Rating **	U	Issue No.	<b>100</b>
LM End	<b>8.27</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.562182 °	38.562182 °	
			-121.392778 °	-121.392778 °	
DWR ID	DWR_NA0001_04_s_2012_100				
Action/Comments					
Fence Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_100\_20150910\_00083.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>8.32</b>	Rating **	U	Issue No.	<b>101</b>
LM End	<b>8.32</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.562508 °	38.562508 °	
			-121.392037 °	-121.392037 °	
DWR ID	DWR_NA0001_04_s_2012_101				
Action/Comments					
Fence Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_101\_20150910\_00084.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>8.34</b>	Rating **	M	Issue No.	<b>232</b>
LM End	<b>8.34</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.562633 °	38.562633 °	
			-121.391688 °	-121.391688 °	
DWR ID	DWR_NA0001_04_f_2015_232				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	<b>8.38</b>	Rating **	M	Issue No.	<b>102</b>
LM End	<b>8.38</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.562889 °	38.562889 °	
			-121.391042 °	-121.391042 °	
DWR ID	DWR_NA0001_04_s_2012_102				
Action/Comments					
Landscaping Inspector Comments: Helix sky pencil along chain link fence is within 10-ft of the levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_102\_20150910\_00085.jpg



View of the landscaping at the levee toe.

<b>* Location</b> LS : Land Side 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 2015**

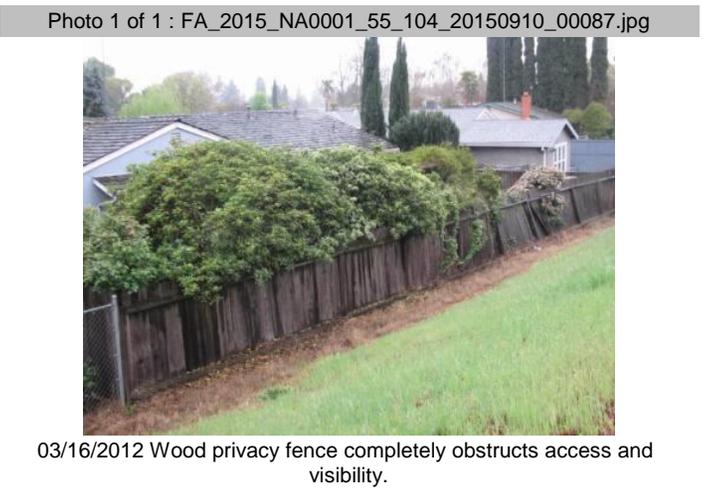
**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>8.40</b>	Rating **	U	Issue No.	<b>103</b>
LM End	<b>8.40</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.563042 °	38.563042 °	
			-121.390692 °	-121.390692 °	
DWR ID	DWR_NA0001_04_s_2012_103				
Action/Comments					
Fence Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					



LM Start	<b>8.41</b>	Rating **	U	Issue No.	<b>104</b>
LM End	<b>8.41</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.563108 °	38.563108 °	
			-121.390452 °	-121.390452 °	
DWR ID	DWR_NA0001_04_s_2012_104				
Action/Comments					
Fence Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					



LM Start	<b>8.44</b>	Rating **	M	Issue No.	<b>105</b>
LM End	<b>8.44</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.563238 °	38.563238 °	
			-121.390073 °	-121.390073 °	
DWR ID	DWR_NA0001_04_s_2012_105				
Action/Comments					
Landscaping Inspector Comments: Palms planted within 10-ft of the levee toe.					



<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>8.45</b>	Rating **	U	Issue No.	<b>106</b>
LM End	<b>8.45</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.563308 °	38.563308 °	
			-121.389885 °	-121.389885 °	
DWR ID	DWR_NA0001_04_s_2012_106				
Action/Comments					
Fence Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility. Block wall built into the levee.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_106\_20150910\_00089.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>8.46</b>	Rating **	M	Issue No.	<b>246</b>
LM End	<b>8.46</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.563434 °	38.563434 °	
			-121.389675 °	-121.389675 °	
DWR ID	DWR_NA0001_04_s_2014_246				
Action/Comments					
Retaining Wall Inspector Comments: Retaining wall and irrigation at landside levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_246\_20150910\_00190.jpg



View of the irrigation and retaining wall at the landside levee toe.

LM Start	<b>8.47</b>	Rating **	U	Issue No.	<b>107</b>
LM End	<b>8.47</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.563511 °	38.563511 °	
			-121.389509 °	-121.389509 °	
DWR ID	DWR_NA0001_04_s_2012_107				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_107\_20150910\_00090.jpg



03/16/2012 Landscaping obstructs visibility and access.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>8.48</b>	Rating **	U	Issue No.	<b>108</b>
LM End	<b>8.48</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.563587 °	38.563587 °	
			-121.389313 °	-121.389313 °	
DWR ID	DWR_NA0001_04_s_2012_108				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_108\_20150910\_00091.jpg



03/16/2012 Landscaping obstructs visibility and access.

LM Start	<b>8.49</b>	Rating **	U	Issue No.	<b>109</b>
LM End	<b>8.49</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.563580 °	38.563580 °	
			-121.389140 °	-121.389140 °	
DWR ID	DWR_NA0001_04_s_2012_109				
Action/Comments					
Fence Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_109\_20150910\_00092.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>8.51</b>	Rating **	U	Issue No.	<b>110</b>
LM End	<b>8.51</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.563732 °	38.563732 °	
			-121.388930 °	-121.388930 °	
DWR ID	DWR_NA0001_04_s_2012_110				
Action/Comments					
Fence Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_110\_20150910\_00093.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>8.52</b>	Rating **	M	Issue No.	<b>226</b>
LM End	<b>8.52</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.563793 °	38.563793 °	
			-121.388758 °	-121.388758 °	
DWR ID	DWR_NA0001_04_s_2012_226				
Action/Comments					
Landscaping Inspector Comments: Garden, trees and cactus planted against the levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_226\_20150910\_00179.jpg



View of landscaping at the levee toe.

LM Start	<b>8.53</b>	Rating **	U	Issue No.	<b>111</b>
LM End	<b>8.53</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.563820 °	38.563820 °	
			-121.388518 °	-121.388518 °	
DWR ID	DWR_NA0001_04_s_2012_111				
Action/Comments					
Fence Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_111\_20150910\_00094.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>8.55</b>	Rating **	U	Issue No.	<b>113</b>
LM End	<b>8.55</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.563963 °	38.563963 °	
			-121.388135 °	-121.388135 °	
DWR ID	DWR_NA0001_04_s_2012_113				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_113\_20150910\_00096.jpg



03/16/2012 Landscaping on chainlink fence blocks visibility and access.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>8.57</b>	Rating **	U	Issue No.	<b>114</b>
LM End	<b>8.57</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.564020 °	38.564020 °	
			-121.387887 °	-121.387887 °	
DWR ID	DWR_NA0001_04_s_2012_114				
Action/Comments					
Landscaping Inspector Comments: Ivy and orange tree obstruct visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_114\_20150910\_00097.jpg



03/16/2012 Ivy on chainlink fence completely obstructs visibility and access.

LM Start	<b>8.58</b>	Rating **	U	Issue No.	<b>115</b>
LM End	<b>8.58</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.564047 °	38.564047 °	
			-121.387743 °	-121.387743 °	
DWR ID	DWR_NA0001_04_s_2012_115				
Action/Comments					
Fence Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_115\_20150910\_00098.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>8.59</b>	Rating **	U	Issue No.	<b>117</b>
LM End	<b>8.59</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.564094 °	38.564094 °	
			-121.387498 °	-121.387498 °	
DWR ID	DWR_NA0001_04_s_2012_117				
Action/Comments					
Fence Inspector Comments: Wood privacy fence and wood out building within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_117\_20150910\_00100.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>8.60</b>	Rating **	U	Issue No.	<b>116</b>
LM End	<b>8.60</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.564133 °	38.564133 °
				-121.387318 °	-121.387318 °
DWR ID	DWR_NA0001_04_s_2012_116				
Action/Comments					
Fence Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_116\_20150910\_00099.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>8.61</b>	Rating **	U	Issue No.	<b>118</b>
LM End	<b>8.61</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.564133 °	38.564133 °
				-121.387092 °	-121.387092 °
DWR ID	DWR_NA0001_04_s_2012_118				
Action/Comments					
Fence Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_118\_20150910\_00101.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>8.63</b>	Rating **	U	Issue No.	<b>119</b>
LM End	<b>8.63</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.564217 °	38.564217 °	
			-121.386846 °	-121.386846 °	
DWR ID	DWR_NA0001_04_s_2012_119				
Action/Comments					
Fence Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_119\_20150910\_00102.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>8.75</b>	Rating **	M	Issue No.	<b>231</b>
LM End	<b>8.75</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.564636 °	38.564636 °	
			-121.384574 °	-121.384574 °	
DWR ID	DWR_NA0001_04_f_2015_231				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	<b>8.83</b>	Rating **	N	Issue No.	<b>230</b>
LM End	<b>8.83</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.564929 °	38.564929 °	
			-121.383248 °	-121.383248 °	
DWR ID	DWR_NA0001_04_f_2015_230				
Action/Comments					
Tree stumps. Inspector Comments: 5 shrub stumps with multiple branches.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_230\_20151112\_00213.jpg



View of the multiple tree stumps at the landside levee toe.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>8.90</b>	Rating **	U	Issue No.	<b>235</b>
LM End	<b>8.90</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.565352 °	38.565352 °	
			-121.382044 °	-121.382044 °	
DWR ID	DWR_NA0001_04_s_2012_235				
Action/Comments					
Fence Inspector Comments: Chain link fence with privacy slats and barbed wire within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_235\_20150910\_00181.jpg



03/16/2012 Chainlink fence with privacy slats and barbed wire obstruct visibility and access.

LM Start	<b>9.31</b>	Rating **	M	Issue No.	<b>32</b>
LM End	<b>9.31</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.566685 °	38.566685 °	
			-121.374706 °	-121.374706 °	
DWR ID	DWR_NA0001_04_f_2015_32				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	<b>9.41</b>	Rating **	A/W	Issue No.	<b>175</b>
LM End	<b>9.41</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.566700 °	38.566700 °	
			-121.372961 °	-121.372961 °	
DWR ID	DWR_NA0001_04_s_2012_175				
Action/Comments					
Pipe Inspector Comments: Flap gates in good condition. Pipe is exposed at waterside toe.					

Photo 1 of 2 : FA\_2015\_NA0001\_55\_175\_20150910\_00150.jpg



View of exposed pipe at waterside toe.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>9.41</b>	Rating **	A/W	Issue No.	<b>175 (cont)</b>
LM End	<b>9.41</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.566700 °	38.566700 °
				-121.372961 °	-121.372961 °
DWR ID	DWR_NA0001_04_s_2012_175				
Action/Comments					
Pipe Inspector Comments: Flap gates in good condition. Pipe is exposed at waterside toe.					

Photo 2 of 2 : FA\_2015\_NA0001\_55\_175\_20150910\_00151.jpg



Drainage outfall to American River.

LM Start	<b>9.48</b>	Rating **	M	Issue No.	<b>236</b>
LM End	<b>9.48</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.566948 °	38.566948 °
				-121.371562 °	-121.371562 °
DWR ID	DWR_NA0001_04_s_2012_236				
Action/Comments					
Landscaping Inspector Comments: Landscaping within 10-ft of levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_236\_20150910\_00182.jpg



View of the landscaping at the landside levee to obstructing visibility and access.

LM Start	<b>9.48</b>	Rating **	M	Issue No.	<b>237</b>
LM End	<b>9.48</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.566938 °	38.566938 °
				-121.371550 °	-121.371550 °
DWR ID	DWR_NA0001_04_s_2012_237				
Action/Comments					
Landscaping Inspector Comments: Redwoods and ivy along fence within 10-ft of levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_237\_20150910\_00183.jpg



View of landscaping at levee toe.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>9.52</b>	Rating **	U	Issue No.	<b>121</b>
LM End	<b>9.52</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.567058 °	38.567058 °	
			-121.370954 °	-121.370954 °	
DWR ID	DWR_NA0001_04_s_2012_121				
Action/Comments					
Landscaping Inspector Comments: Oleander bushes and shrubs within 10-ft of landside toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_121\_20150910\_00103.jpg



03/16/2012 Landscaping obstructs visibility and access.

LM Start	<b>9.55</b>	Rating **	M	Issue No.	<b>122</b>
LM End	<b>9.55</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.567181 °	38.567181 °	
			-121.370366 °	-121.370366 °	
DWR ID	DWR_NA0001_04_s_2012_122				
Action/Comments					
Landscaping Inspector Comments: Trees and ground cover within 10-ft of levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_122\_20150910\_00104.jpg



View of landscaping at levee toe.

LM Start	<b>9.57</b>	Rating **	N	Issue No.	<b>123</b>
LM End	<b>9.57</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.567285 °	38.567285 °	
			-121.369964 °	-121.369964 °	
DWR ID	DWR_NA0001_04_s_2012_123				
Action/Comments					
Tree stumps. Inspector Comments: Trees, bushes and ground cover within 10-ft of levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_123\_20150910\_00105.jpg



03/16/2012 Large tree stump at levee toe.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>9.58</b>	Rating **	M	Issue No.	<b>124</b>
LM End	<b>9.58</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.567242 °	38.567242 °	
			-121.369858 °	-121.369858 °	
DWR ID	DWR_NA0001_04_s_2012_124				
Action/Comments					
Landscaping Inspector Comments: Ivy and vines on chain link fence within 10-ft of levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_124\_20150910\_00106.jpg



View of landscaping at levee toe.

LM Start	<b>9.60</b>	Rating **	U	Issue No.	<b>125</b>
LM End	<b>9.60</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.567360 °	38.567360 °	
			-121.369555 °	-121.369555 °	
DWR ID	DWR_NA0001_04_s_2012_125				
Action/Comments					
Landscaping Inspector Comments: Dense golden ivy on C/L fence obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_125\_20150910\_00107.jpg



03/16/2012 Landscaping obstructs visibility and access.

LM Start	<b>9.65</b>	Rating **	U	Issue No.	<b>128</b>
LM End	<b>9.65</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.567493 °	38.567493 °	
			-121.368633 °	-121.368633 °	
DWR ID	DWR_NA0001_04_s_2012_128				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_128\_20150910\_00108.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>9.67</b>	Rating **	M	Issue No.	<b>129</b>
LM End	<b>9.67</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.567594 °	38.567594 °	
			-121.368195 °	-121.368195 °	
DWR ID	DWR_NA0001_04_s_2012_129				
Action/Comments					
Landscaping Inspector Comments: Trees and vines along C/L fence within 10-ft of levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_129\_20150910\_00109.jpg



View of landscaping at levee toe.

LM Start	<b>9.69</b>	Rating **	U	Issue No.	<b>130</b>
LM End	<b>9.69</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.567626 °	38.567626 °	
			-121.367921 °	-121.367921 °	
DWR ID	DWR_NA0001_04_s_2012_130				
Action/Comments					
Landscaping Inspector Comments: Tall hedge obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_130\_20150910\_00110.jpg



03/16/2012 Tall hedge obstructs visibility and access.

LM Start	<b>9.70</b>	Rating **	M	Issue No.	<b>131</b>
LM End	<b>9.70</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.567680 °	38.567680 °	
			-121.367674 °	-121.367674 °	
DWR ID	DWR_NA0001_04_s_2012_131				
Action/Comments					
Landscaping Inspector Comments: Tall hedge obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_131\_20150910\_00111.jpg



View of landscaping at levee toe.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>9.72</b>	Rating **	N	Issue No.	<b>234</b>
LM End	<b>9.72</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.567761 °	38.567761 °	
			-121.367363 °	-121.367363 °	
DWR ID	DWR_NA0001_04_s_2015_234				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_234\_20150910\_00180.jpg



View of the tree stump at the landside levee toe.

LM Start	<b>9.72</b>	Rating **	M	Issue No.	<b>132</b>
LM End	<b>9.72</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.567772 °	38.567772 °	
			-121.367227 °	-121.367227 °	
DWR ID	DWR_NA0001_04_s_2012_132				
Action/Comments					
Landscaping Inspector Comments: Trees and ivy on levee slope obstruct access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_132\_20150910\_00112.jpg



View of obstructive landscaping.

LM Start	<b>9.74</b>	Rating **	M	Issue No.	<b>133</b>
LM End	<b>9.74</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.567856 °	38.567856 °	
			-121.366892 °	-121.366892 °	
DWR ID	DWR_NA0001_04_s_2012_133				
Action/Comments					
Landscaping Inspector Comments: Lemon tree, palm, sky pencil and ivy planted within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_133\_20150910\_00113.jpg



View of landscaping at levee toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>9.77</b>	Rating **	U	Issue No.	<b>134</b>
LM End	<b>9.77</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.567873 °	38.567873 °	
			-121.366410 °	-121.366410 °	
DWR ID	DWR_NA0001_04_s_2012_134				
Action/Comments					
Landscaping Inspector Comments: Ivy, hedge and play house is within 10-ft of levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_134\_20150910\_00114.jpg



View of landscaping and playhouse.

LM Start	<b>9.89</b>	Rating **	U	Issue No.	<b>135</b>
LM End	<b>9.89</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.568446 °	38.568446 °	
			-121.364385 °	-121.364385 °	
DWR ID	DWR_NA0001_04_s_2012_135				
Action/Comments					
Landscaping Inspector Comments: Tall hedge and ivy within 10-ft of landside levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_135\_20150910\_00115.jpg



03/16/2012 Landscaping is obstructing visibility.

LM Start	<b>9.95</b>	Rating **	M	Issue No.	<b>136</b>
LM End	<b>9.95</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.568714 °	38.568714 °	
			-121.363257 °	-121.363257 °	
DWR ID	DWR_NA0001_04_s_2012_136				
Action/Comments					
Fence Inspector Comments: Wire fence within 10-ft of landside levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_136\_20150910\_00116.jpg



View of the fence and tree stump at the landside levee toe.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>9.96</b>	Rating **	M	Issue No.	<b>239</b>
LM End	<b>9.96</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.568773 °	38.568773 °	
			-121.363057 °	-121.363057 °	
DWR ID	DWR_NA0001_04_f_2014_239				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_239\_20150910\_00184.jpg



View of several large rodent burrows.

LM Start	<b>10.00</b>	Rating **	U	Issue No.	<b>138</b>
LM End	<b>10.00</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.568953 °	38.568953 °	
			-121.362396 °	-121.362396 °	
DWR ID	DWR_NA0001_04_s_2012_138				
Action/Comments					
Fence Inspector Comments: 03/16/2012 Wood privacy fence completely obstructs visibility and access.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_138\_20150910\_00117.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>10.03</b>	Rating **	A	Issue No.	<b>202</b>
LM End	<b>10.03</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.569111 °	38.569111 °	
			-121.361921 °	-121.361921 °	
DWR ID	DWR_NA0001_04_s_2013_202				
Action/Comments					
Pool Inspector Comments: Pool filled with water.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_202\_20150910\_00171.jpg



View of the pool filled with water.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>10.06</b>	Rating **	U	Issue No.	<b>245</b>
LM End	<b>10.06</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.569247 °	38.569247 °
				-121.361315 °	-121.361315 °
DWR ID	DWR_NA0001_04_s_2014_245				
Action/Comments					
Fence Inspector Comments: Rod fence covered with vegetation within 10ft of levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_245\_20150910\_00189.jpg



View of the fence at the landside levee toe.

LM Start	<b>10.08</b>	Rating **	U	Issue No.	<b>176</b>
LM End	<b>10.08</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.569293 °	38.569293 °
				-121.361002 °	-121.361002 °
DWR ID	DWR_NA0001_04_s_2012_176				
Action/Comments					
Building					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_176\_20150910\_00152.jpg



03/16/2012 Wood structure within 15' of levee toe.

LM Start	<b>10.15</b>	Rating **	M	Issue No.	<b>229</b>
LM End	<b>10.15</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.569553 °	38.569553 °
				-121.359721 °	-121.359721 °
DWR ID	DWR_NA0001_04_f_2015_229				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Multiple rodent holes on landside slope.					

No Photos

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

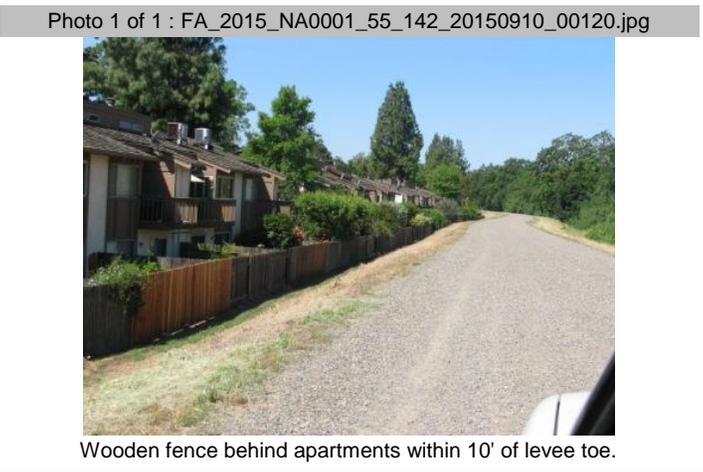
**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>10.24</b>	Rating **	U	Issue No.	<b>141</b>
LM End	<b>10.27</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.569982 °	38.570118 °	
			-121.358134 °	-121.357604 °	
DWR ID	DWR_NA0001_04_s_2012_141				
Action/Comments					
Fence Inspector Comments: Wooden fence behind six apartment units is within 10-ft of levee slope.					



LM Start	<b>10.28</b>	Rating **	U	Issue No.	<b>142</b>
LM End	<b>10.30</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.570175 °	38.570229 °	
			-121.357390 °	-121.357041 °	
DWR ID	DWR_NA0001_04_s_2012_142				
Action/Comments					
Fence Inspector Comments: Wooden fence behind six apartment units is within 10-ft of levee slope.					



LM Start	<b>10.30</b>	Rating **	U	Issue No.	<b>146</b>
LM End	<b>10.32</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.570225 °	38.570245 °	
			-121.357014 °	-121.356791 °	
DWR ID	DWR_NA0001_04_s_2012_146				
Action/Comments					
Fence Inspector Comments: Wooden fence behind 6 apartments.					



<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>10.32</b>	Rating **	U	Issue No.	<b>143</b>
LM End	<b>10.34</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.570257 °	38.570297 °	
			-121.356783 °	-121.356403 °	
DWR ID	DWR_NA0001_04_s_2012_143				
Action/Comments					
Fence Inspector Comments: Wooden fence behind six apartment units is within 10-ft of levee slope.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_143\_20150910\_00121.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>10.35</b>	Rating **	U	Issue No.	<b>144</b>
LM End	<b>10.37</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.570325 °	38.570397 °	
			-121.356185 °	-121.355757 °	
DWR ID	DWR_NA0001_04_s_2012_144				
Action/Comments					
Fence Inspector Comments: Wooden fence behind six apartment units is within 10-ft of levee slope.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_144\_20150910\_00122.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>10.38</b>	Rating **	U	Issue No.	<b>145</b>
LM End	<b>10.41</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.570417 °	38.570500 °	
			-121.355625 °	-121.355151 °	
DWR ID	DWR_NA0001_04_s_2012_145				
Action/Comments					
Fence Inspector Comments: Wooden fence behind six apartment units is within 10-ft of levee slope.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_145\_20150910\_00123.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>10.43</b>	Rating **	U	Issue No.	<b>147</b>
LM End	<b>10.43</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.570542 °	38.570542 °	
			-121.354772 °	-121.354772 °	
DWR ID	DWR_NA0001_04_s_2012_147				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_147\_20150910\_00125.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>10.45</b>	Rating **	U	Issue No.	<b>148</b>
LM End	<b>10.45</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.570524 °	38.570524 °	
			-121.354359 °	-121.354359 °	
DWR ID	DWR_NA0001_04_s_2012_148				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence obstructs visibility and access.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_148\_20150910\_00126.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>10.47</b>	Rating **	M	Issue No.	<b>180</b>
LM End	<b>10.47</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.570397 °	38.570397 °	
			-121.354084 °	-121.354084 °	
DWR ID	DWR_NA0001_04_s_2012_180				
Action/Comments					
Fence Inspector Comments: Chainlink fence partially obstructs, currently visibility is unobstructed.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_180\_20150910\_00156.jpg



Chainlink fence is partially obstructing visibility and access.

<b>* Location</b> LS : Land Side 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>10.51</b>	Rating **	U	Issue No.	<b>151</b>
LM End	<b>10.51</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.569921 °	38.569921 °	
			-121.353643 °	-121.353643 °	
DWR ID	DWR_NA0001_04_s_2012_151				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_151\_20150910\_00129.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>10.52</b>	Rating **	U	Issue No.	<b>152</b>
LM End	<b>10.52</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.569758 °	38.569758 °	
			-121.353535 °	-121.353535 °	
DWR ID	DWR_NA0001_04_s_2012_152				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_152\_20150910\_00130.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>10.57</b>	Rating **	U	Issue No.	<b>153</b>
LM End	<b>10.57</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.569166 °	38.569166 °	
			-121.353272 °	-121.353272 °	
DWR ID	DWR_NA0001_04_s_2012_153				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence and ivy within 10-ft of levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_153\_20150910\_00131.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>10.57</b>	Rating **	U	Issue No.	<b>154</b>
LM End	<b>10.57</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.569020 °	38.569020 °
				-121.353313 °	-121.353313 °
DWR ID	DWR_NA0001_04_s_2012_154				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_154\_20150910\_00132.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>10.59</b>	Rating **	M	Issue No.	<b>155</b>
LM End	<b>10.59</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.568892 °	38.568892 °
				-121.353162 °	-121.353162 °
DWR ID	DWR_NA0001_04_s_2012_155				
Action/Comments					
Landscaping Inspector Comments: Trees and bushes are within 10-ft of the levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_155\_20150910\_00133.jpg



03/16/2012 Trees and bushes within 10' of levee toe.

LM Start	<b>10.60</b>	Rating **	U	Issue No.	<b>156</b>
LM End	<b>10.60</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.568713 °	38.568713 °
				-121.353150 °	-121.353150 °
DWR ID	DWR_NA0001_04_s_2012_156				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence and landscaping within 10-ft of levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_156\_20150910\_00134.jpg



View of the fence at the landside levee toe obstructing visibility and access.

<b>* Location</b> LS : Land Side 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>10.61</b>	Rating **	M	Issue No.	<b>157</b>
LM End	<b>10.61</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.568608 °	38.568608 °	
			-121.353054 °	-121.353054 °	
DWR ID	DWR_NA0001_04_s_2012_157				
Action/Comments					
Landscaping Inspector Comments: Tall hedge and vine on levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_157\_20150910\_00135.jpg



03/16/2012 Landscaping obstructs visibility

LM Start	<b>10.62</b>	Rating **	U	Issue No.	<b>158</b>
LM End	<b>10.62</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.568355 °	38.568355 °	
			-121.353033 °	-121.353033 °	
DWR ID	DWR_NA0001_04_s_2012_158				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_158\_20150910\_00136.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>10.63</b>	Rating **	U	Issue No.	<b>159</b>
LM End	<b>10.63</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.568313 °	38.568313 °	
			-121.352941 °	-121.352941 °	
DWR ID	DWR_NA0001_04_s_2012_159				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_159\_20150910\_00137.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>10.63</b>	Rating **	A/W	Issue No.	<b>173</b>
LM End	<b>10.63</b>	Issue Type +	En	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.568297 °	38.568297 °	
			-121.352910 °	-121.352910 °	
DWR ID	DWR_NA0001_04_s_2012_173				
Action/Comments					
Pipe Inspector Comments: Pipe beneath levee and channel.					

No Photos

LM Start	<b>10.64</b>	Rating **	U	Issue No.	<b>160</b>
LM End	<b>10.64</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.568188 °	38.568188 °	
			-121.352864 °	-121.352864 °	
DWR ID	DWR_NA0001_04_f_2012_160				
Action/Comments					
Fence Inspector Comments: Tall wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_160\_20150910\_00138.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>10.65</b>	Rating **	U	Issue No.	<b>161</b>
LM End	<b>10.65</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.568058 °	38.568058 °	
			-121.352785 °	-121.352785 °	
DWR ID	DWR_NA0001_04_s_2012_161				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence and vine within 10-ft of levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_161\_20150910\_00139.jpg



View of wood privacy fence completely obstructing access and visibility.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>10.66</b>	Rating **	U	Issue No.	<b>179</b>
LM End	<b>10.66</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.567917 °	38.567917 °	
			-121.352698 °	-121.352698 °	
DWR ID	DWR_NA0001_04_s_2012_179				
Action/Comments					
Fence Inspector Comments: Chainlink fence with bamboo mats prevent visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_179\_20150910\_00155.jpg



03/16/2012 Bamboo panels on chainlink fence completely obstruct visibility.

LM Start	<b>10.68</b>	Rating **	M	Issue No.	<b>178</b>
LM End	<b>10.68</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.567552 °	38.567552 °	
			-121.352500 °	-121.352500 °	
DWR ID	DWR_NA0001_04_s_2012_178				
Action/Comments					
Fence Inspector Comments: Chainlink fence					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_178\_20150910\_00154.jpg



03/16/2012 Chainlink fence partially blocks visibility.

LM Start	<b>10.70</b>	Rating **	U	Issue No.	<b>162</b>
LM End	<b>10.70</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.567402 °	38.567402 °	
			-121.352415 °	-121.352415 °	
DWR ID	DWR_NA0001_04_s_2012_162				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_162\_20150910\_00140.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>10.71</b>	Rating **	U	Issue No.	<b>163</b>
LM End	<b>10.71</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.567250 °	38.567250 °	
			-121.352341 °	-121.352341 °	
DWR ID	DWR_NA0001_04_s_2012_163				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence and landscaping within 10-ft of levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_163\_20150910\_00141.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>10.72</b>	Rating **	U	Issue No.	<b>172</b>
LM End	<b>10.72</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.567008 °	38.567008 °	
			-121.352226 °	-121.352226 °	
DWR ID	DWR_NA0001_04_s_2012_172				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_172\_20150910\_00149.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>10.73</b>	Rating **	U	Issue No.	<b>170</b>
LM End	<b>10.73</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.566981 °	38.566981 °	
			-121.352213 °	-121.352213 °	
DWR ID	DWR_NA0001_04_f_2012_170				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_170\_20150910\_00147.jpg



View of the fence obstructing visibility and access.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>10.75</b>	Rating **	U	Issue No.	<b>166</b>
LM End	<b>10.75</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.566705 °	38.566705 °	
			-121.352063 °	-121.352063 °	
DWR ID	DWR_NA0001_04_s_2012_166				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_166\_20150910\_00143.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>10.76</b>	Rating **	U	Issue No.	<b>171</b>
LM End	<b>10.76</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.566499 °	38.566499 °	
			-121.351952 °	-121.351952 °	
DWR ID	DWR_NA0001_04_s_2012_171				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence and tall hedge within 10-ft of levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_171\_20150910\_00148.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	<b>10.77</b>	Rating **	U	Issue No.	<b>169</b>
LM End	<b>10.77</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.566399 °	38.566399 °	
			-121.351931 °	-121.351931 °	
DWR ID	DWR_NA0001_04_s_2012_169				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_55\_169\_20150910\_00146.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

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

**Unit Cover Sheet**

**Fall 2015 Levee Inspection Results**

**American River Flood Control District**

Waterway		Bank	Unit Miles	
Unit No. 05 Sacramento River		Left	0.41	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	04/29/2015 - 04/29/2015		11/09/2015 - 11/09/2015	
DWR Inspector	Maksim Khashchuk		Maksim Khashchuk	
Accompanied By	Richard Marck ARFCD		Richard Marck ARFCD	

**Summer & Winter Inspections**

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

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*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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Sacramento River	Left	0.41	11/09/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>0.10</b>	Rating **	U	Issue No.	<b>2</b>
LM End	<b>0.17</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.595044 °	38.594117 °	
			-121.506497 °	-121.506377 °	
DWR ID	DWR_NA0001_05_s_2012_2				
Action/Comments					
Landscaping Inspector Comments: Landscaping behind Best Western.					

Photo 1 of 1 : FA\_2015\_NA0001\_56\_2\_20151112\_00003.jpg



View of the landscaping on the landside levee slope obstructing visibility and access.

LM Start	<b>0.27</b>	Rating **	M	Issue No.	<b>5</b>
LM End	<b>0.35</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.592630 °	38.591517 °	
			-121.505850 °	-121.505447 °	
DWR ID	DWR_NA0001_05_s_2012_5				
Action/Comments					
Landscaping Inspector Comments: Landscaping at City intake facility.					

Photo 1 of 1 : FA\_2015\_NA0001\_56\_5\_20150910\_00002.jpg



View of the landscaping on the landside levee slope at the City intake facility.

<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**

**Unit Cover Sheet**

**Fall 2015 Levee Inspection Results**

**American River Flood Control District**

Waterway		Bank	Unit Miles	
Unit No. 06 Linda Creek		Left	1.30	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	04/29/2015 - 04/29/2015		10/21/2015 - 11/09/2015	
DWR Inspector	Maksim Khashchuk		Maksim Khashchuk	
Accompanied By	Richard Marck ARFCD		Richard Marck ARFCD	

**Summer & Winter Inspections**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Linda Creek	Left	1.30	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>0.75</b>	Rating **	M	Issue No.	<b>10</b>
LM End	<b>0.75</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.660518 °	38.660518 °
				-121.461826 °	-121.461826 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:30706 DS_ID:24812 EP_NO: N/A FS_HLM: 0.749 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm if line goes through levee or along landward slope. No permit found. FIELD_STRUCT_DESC: Storm drain manhole located on landward side. FS Date: 12/20/2013					

Photo 1 of 3 : UCIP\_FA\_2015\_4202.jpg



Manhole located on landward side identified as storm drain. Unable to determine if drain crosses levee.

LM Start	<b>0.75</b>	Rating **	M	Issue No.	<b>10 (cont)</b>
LM End	<b>0.75</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_4203.jpg



Manhole located on landward slope.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Linda Creek	Left	1.30	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>0.75</b>	Rating **	M	Issue No.	<b>10 (cont)</b>
LM End	<b>0.75</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.660518 °	38.660518 °
				-121.461826 °	-121.461826 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:30706 DS_ID:24812 EP_NO: N/A FS_HLM: 0.749 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP\_FA\_2015\_4204.jpg



View of waterward side.

LM Start	<b>0.84</b>	Rating **	M	Issue No.	<b>11</b>
LM End	<b>0.84</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.661156 °	38.661156 °
				-121.460475 °	-121.460475 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:29223 DS_ID:24354 EP_NO: N/A FS_HLM: 0.83 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to find CM riser and flap gate on waterward end--need to contact owner to determine status of crossing. Manhole found on landward side however unable to determine if manhole is part of this crossing. FIELD_STRUCT_DESC: 24-inch pipe through the levee, 12.5 feet below the crown. Two CM cutoff walls around pipe. Slide gate in CM riser and flap gate at waterward end. Concrete headwalls on both ends. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 440+50). FS Date: 12/20/2013					

Photo 1 of 3 : UCIP\_FA\_2015\_3485.jpg



Manhole visible on landward toe.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Linda Creek	Left	1.30	10/21/2015 11/09/2015	Maksim Khashchuk

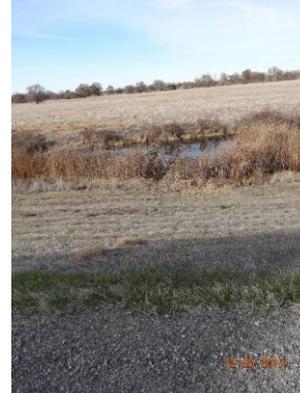
LM Start	0.84	Rating **	M	Issue No.	11 (cont)
LM End	0.84	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.661156 °	38.661156 °
				-121.460475 °	-121.460475 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:29223 DS_ID:24354 EP_NO: N/A FS_HLM: 0.83 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to find CM riser and flap gate on waterward end--need to contact owner to determine status of crossing. Manhole found on landward side however unable to determine if manhole is part of this crossing. FIELD_STRUCT_DESC: 24-inch pipe through the levee, 12.5 feet below the crown. Two CM cutoff walls around pipe. Slide gate in CM riser and flap gate at waterward end. Concrete headwalls on both ends. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 440+50). FS Date: 12/20/2013					

Photo 2 of 3 : UCIP\_FA\_2015\_3486.jpg



View of landward side--manhole on landward toe.

Photo 3 of 3 : UCIP\_FA\_2015\_3487.jpg



View of waterward side--no evidence of crossing.

LM Start	0.84	Rating **	M	Issue No.	11 (cont)
LM End	0.84	Issue Type +	En	Location *	LS

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Linda Creek	Left	1.30	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>0.89</b>	Rating **	A	Issue No.	<b>9</b>
LM End	<b>0.89</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.661620 °	38.661620 °	
			-121.459562 °	-121.459562 °	
DWR ID	DWR_NA0001_06_f_2015_9				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : FA\_2015\_NA0001\_57\_9\_20151112\_00005.jpg



View of the acceptable vegetation control.

<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**

**Unit Cover Sheet**

**Fall 2015 Levee Inspection Results**

**American River Flood Control District**

Waterway		Bank	Unit Miles	
Unit No. 07 Arcade Creek		Right	1.93	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	04/29/2015 - 04/30/2015		10/21/2015 - 11/09/2015	
DWR Inspector	Maksim Khashchuk		Maksim Khashchuk	
Accompanied By	Richard Marck ARFCD		Richard Marck ARFCD	

**Summer & Winter Inspections**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	Rating **	M	Issue No.	44
LM End	Issue Type +	En	Location *	LS
Category	Supplemental	GPS Latitude/Longitude		
		Start	End	
Item	DWR UCIP Field Study	38.627760 °	38.627760 °	
		-121.441593 °	-121.441593 °	
DWR ID				
Action/Comments				
Inspector Comments: FS_ID:46795 DS_ID:24835 EP_NO: N/A FS_HLM: 1.582 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 11/12/15 Markers have been installed on both levees--confirmed during 2015 DWR Fall Inspection. Need to coordinate with PG&E to determine permit for this crossing.12/19/13 Gas line - no markers visible. No permit available. FIELD_STRUCT_DESC: 2 of 2: 6-inch pipe through the levee and under the channel at an unknown depth. FS Date: 12/20/2013				

Photo 1 of 3 : UCIP\_FA\_2015\_4137.jpg



6-inch gas line through levee at an unknown depth.

LM Start	Rating **	M	Issue No.	44 (cont)
LM End	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_4138.jpg



Underground service alert (USA) markings visible on floodwall.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start		Rating **	M	Issue No.	<b>44 (cont)</b>
LM End		Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.627760 °	38.627760 °
				-121.441593 °	-121.441593 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:46795 DS_ID:24835 EP_NO: N/A FS_HLM: 1.582 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP\_FA\_2015\_5877.jpg



Markers installed through both levees in 2015.

LM Start	<b>0.04</b>	Rating **	M	Issue No.	<b>38</b>
LM End	<b>0.04</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.620569 °	38.620569 °
				-121.467117 °	-121.467117 °
DWR ID	DWR_NA0001_07_f_2015_38				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

Photo 1 of 1 : FA\_2015\_NA0001\_58\_38\_20151112\_00034.jpg



View of the landside levee slope damaged by motorized traffic.

LM Start	<b>0.37</b>	Rating **	A/W	Issue No.	<b>17</b>
LM End	<b>0.37</b>	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.623325 °	38.623325 °
				-121.462217 °	-121.462217 °
DWR ID	DWR_NA0001_07_s_2012_17				
Action/Comments					
Pipe Inspector Comments: Closure device for sewer line located on levee crown.					

Photo 1 of 1 : FA\_2015\_NA0001\_58\_17\_20150910\_00016.jpg



Closure device for SS beneath channel.

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

**Levee Inspection Report By Mile - Fall 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>0.60</b>	Rating **	A/W	Issue No.	<b>42</b>
LM End	<b>0.60</b>	Issue Type +	En	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.625311 °	38.625311 °	
			-121.458994 °	-121.458994 °	
DWR ID	DWR_NA0001_07_s_2014_42				
Action/Comments					
Pipe Inspector Comments: Two pipes crossing the levee.					

Photo 1 of 1 : FA\_2015\_NA0001\_58\_42\_20150910\_00028.jpg



View of the pump station on the landside levee toe.

LM Start	<b>0.71</b>	Rating **	U	Issue No.	<b>45</b>
LM End	<b>0.71</b>	Issue Type +	En	Location *	CR
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.624843 °	38.624843 °	
			-121.457097 °	-121.457097 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:29237 DS_ID:24363 EP_NO: 3417 FS_HLM: 0.7 Repair Type: Urgent Crossing Status: Found UCIP Comments: Missing gas line markers -- need to contact owner to determine status. FIELD_STRUCT_DESC: 4-inch steel gas line through the levee, 2.0 feet below the crown. CM cutoff wall around pipe at center of levee. (Permit No. 3417-1961) Landscaping and staircase on landward slope added under Permit No. 3510 (1978), but was removed in 1994. FS Date: 12/20/2013					

Photo 1 of 3 : UCIP\_FA\_2015\_1215.jpg



View of landward side.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>0.71</b>	Rating **	U	Issue No.	<b>45 (cont)</b>
LM End	<b>0.71</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.624843 °	38.624843 °
				-121.457097 °	-121.457097 °
DWR ID					

**Action/Comments**

Inspector Comments: FS\_ID:29237  
 DS\_ID:24363  
 EP\_NO: 3417  
 FS\_HLM: 0.7  
 Repair Type: Urgent  
 Crossing Status: Found  
 UCIP Comments: Missing gas line markers -- need to contact owner to determine status.  
 FIELD\_STRUCT\_DESC: 4-inch steel gas line through the levee, 2.0 feet below the crown. CM cutoff wall around pipe at center of levee. (Permit No. 3417-1961) Landscaping and staircase on landward slope added under Permit No. 3510 (1978), but was removed in 1994.  
 FS Date: 12/20/2013

Photo 2 of 3 : UCIP\_FA\_2015\_1216.jpg



Norwood Avenue Bridge

LM Start	<b>0.71</b>	Rating **	U	Issue No.	<b>45 (cont)</b>
LM End	<b>0.71</b>	Issue Type +	En	Location *	CR

Photo 3 of 3 : UCIP\_FA\_2015\_1217.jpg



View of pipe attached to bridge.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.24</b>	Rating **	M	Issue No.	<b>46</b>
LM End	<b>1.24</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.625785 °	38.625785 °
				-121.447464 °	-121.447464 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:40803 DS_ID:24447 EP_NO: 16466 FS_HLM: 1.23 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_3436.jpg



Underground Service Alert (USA) faint utility markers visible on levee crown.

LM Start	<b>1.24</b>	Rating **	M	Issue No.	<b>46 (cont)</b>
LM End	<b>1.24</b>	Issue Type +	En	Location *	CR

Photo 2 of 3 : UCIP\_FA\_2015\_3437.jpg



View of levee crown and estimate where crossings cross levee.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.24</b>	Rating **	M	Issue No.	<b>46 (cont)</b>
LM End	<b>1.24</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.625785 °	38.625785 °
				-121.447464 °	-121.447464 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40803 DS_ID:24447 EP_NO: 16466 FS_HLM: 1.23 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_3438.jpg



Underground Service Alert (USA) marking present on pavement however, unable to verify crossings.

LM Start	<b>1.31</b>	Rating **	M	Issue No.	<b>47</b>
LM End	<b>1.31</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.626198 °	38.626198 °
				-121.446321 °	-121.446321 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:29275 DS_ID:24553 EP_NO: N/A FS_HLM: 1.3 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Only manhole present--need to coordinate with owner to determine if crossing is still present and whether manhole corresponds to this crossing. FIELD_STRUCT_DESC: 8-inch (not 10-inch as indicated in desk study) sewer pipe through the levee, 7.5 feet below the crown. Floodgates within the levee across the channel, installed under Permit No. 14480 (1986). FS Date: 12/20/2013					

Photo 1 of 1 : UCIP\_FA\_2015\_3382.jpg



Manhole visible on landward side.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.33</b>	Rating **	U	Issue No.	<b>48</b>
LM End	<b>1.33</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.626296 °	38.626296 °
				-121.446038 °	-121.446038 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:31273 DS_ID:24443 EP_NO: 15152 FS_HLM: 1.304 Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm if crossing is the same one authorized through permit. FIELD_STRUCT_DESC: 4-inch steel gas main through the levee, 2.5 feet below the crown. Vent on the waterward shoulder. (Permit No. 15152-1989) FS Date: 12/20/2013					

Photo 1 of 2 : UCIP\_FA\_2015\_3312.jpg



Close up view of crossing through levee.

Photo 2 of 2 : UCIP\_FA\_2015\_3313.jpg



Crossing attached to upstream face of bridge.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.39</b>	Rating **	A/W	Issue No.	<b>34</b>
LM End	<b>1.39</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.626601 °	38.626601 °	
			-121.445016 °	-121.445016 °	
DWR ID	DWR_NA0001_07_s_2012_34				
Action/Comments					
Repair the levee slope damaged by foot traffic and prevent access where possible. Inspector Comments: Damage caused by foot traffic.					

Photo 1 of 1 : FA\_2015\_NA0001\_58\_34\_20150910\_00027.jpg



View of the landside levee slope damaged by foot traffic.

LM Start	<b>1.50</b>	Rating **	M	Issue No.	<b>8</b>
LM End	<b>1.50</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.627526 °	38.627526 °	
			-121.443310 °	-121.443310 °	
DWR ID	DWR_NA0001_07_s_2013_8				
Action/Comments					
Fence					

Photo 1 of 1 : FA\_2015\_NA0001\_58\_8\_20150910\_00006.jpg



View of the fence obstruction visibility and access at the landside levee toe.

LM Start	<b>1.53</b>	Rating **	U	Issue No.	<b>43</b>
LM End	<b>1.54</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.627675 °	38.627718 °	
			-121.442874 °	-121.442631 °	
DWR ID	DWR_NA0001_07_s_2014_43				
Action/Comments					
Fence Inspector Comments: New fence constructed on the property line with 18 inch CMU block base.					

Photo 1 of 1 : FA\_2015\_NA0001\_58\_43\_20150910\_00029.jpg



View of a fence at the landside levee toe obstructing visibility and access.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.56</b>	Rating **	U	Issue No.	<b>30</b>
LM End	<b>1.56</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.627744 °	38.627744 °	
			-121.442367 °	-121.442367 °	
DWR ID	DWR_NA0001_07_s_2012_30				
Action/Comments					
Building Inspector Comments: Large side building is within 10-ft of the levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_58\_30\_20150910\_00026.jpg



11/17/2011 Building obstructs visibility and access.

LM Start	<b>1.57</b>	Rating **	U	Issue No.	<b>3</b>
LM End	<b>1.57</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.627682 °	38.627682 °	
			-121.442113 °	-121.442113 °	
DWR ID	DWR_NA0001_07_s_2012_3				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence is within 10-ft of the levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_58\_3\_20150910\_00002.jpg



Wooden privacy fence is constructed at the landside levee toe.

LM Start	<b>1.58</b>	Rating **	U	Issue No.	<b>4</b>
LM End	<b>1.58</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.627707 °	38.627707 °	
			-121.441965 °	-121.441965 °	
DWR ID	DWR_NA0001_07_s_2012_4				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence is within 10-ft of the levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_58\_4\_20150910\_00003.jpg



11/17/2011 Wooden privacy fence is constructed at the toe.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.61</b>	Rating **	M	Issue No.	<b>29</b>
LM End	<b>1.61</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.627733 °	38.627733 °	
			-121.441415 °	-121.441415 °	
DWR ID	DWR_NA0001_07_s_2012_29				
Action/Comments					
Fence Inspector Comments: Privacy fence is within 10-ft of the levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_58\_29\_20150910\_00025.jpg



11/17/2011 Privacy fence is constructed at the toe.

LM Start	<b>1.62</b>	Rating **	M	Issue No.	<b>39</b>
LM End	<b>1.62</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.627711 °	38.627711 °	
			-121.441210 °	-121.441210 °	
DWR ID	DWR_NA0001_07_f_2015_39				
Action/Comments					
Prunings					

Photo 1 of 1 : FA\_2015\_NA0001\_58\_39\_20151112\_00035.jpg



View of the prunings at the landside levee toe.

LM Start	<b>1.63</b>	Rating **	U	Issue No.	<b>27</b>
LM End	<b>1.63</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.627681 °	38.627681 °	
			-121.441021 °	-121.441021 °	
DWR ID	DWR_NA0001_07_s_2012_27				
Action/Comments					
Fence Inspector Comments: Privacy fence and overgrown trees are within 10-ft of the levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_58\_27\_20150910\_00023.jpg



11/17/2011 Privacy fence is constructed at the toe.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.69</b>	Rating **	U	Issue No.	<b>6</b>
LM End	<b>1.69</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.627948 °	38.627948 °	
			-121.439958 °	-121.439958 °	
DWR ID	DWR_NA0001_07_s_2012_6				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence with vines are within 10-ft of the levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_58\_6\_20150910\_00004.jpg



View of the wooden fence at the landside levee toe.

LM Start	<b>1.69</b>	Rating **	U	Issue No.	<b>1</b>
LM End	<b>1.69</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.628004 °	38.628004 °	
			-121.439927 °	-121.439927 °	
DWR ID	DWR_NA0001_07_s_2012_1				
Action/Comments					
Building Inspector Comments: Construction of new structure is within 15' of levee.					

Photo 1 of 1 : FA\_2015\_NA0001\_58\_1\_20150910\_00001.jpg



View of the shed at the landside levee toe.

LM Start	<b>1.70</b>	Rating **	U	Issue No.	<b>7</b>
LM End	<b>1.70</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.627935 °	38.627935 °	
			-121.439758 °	-121.439758 °	
DWR ID	DWR_NA0001_07_s_2012_7				
Action/Comments					
Building Inspector Comments: Corner of building protrudes into levee slope. Wooden fence is built on the levee slope.					

Photo 1 of 1 : FA\_2015\_NA0001\_58\_7\_20150910\_00005.jpg



11/17/2011 Building is constructed at the toe.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.72</b>	Rating **	<b>M</b>	Issue No.	<b>24</b>
LM End	<b>1.72</b>	Issue Type +	<b>En</b>	Location *	<b>LS</b>
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.628086 °	38.628086 °	
			-121.439544 °	-121.439544 °	
DWR ID	DWR_NA0001_07_s_2012_24				
Action/Comments					
Landscaping Inspector Comments: Palm tree was trimmed up.					

Photo 1 of 1 : FA\_2015\_NA0001\_58\_24\_20150910\_00020.jpg



View of palm tree within 10-ft of the levee toe trimmed up from previous inspection.

LM Start	<b>1.74</b>	Rating **	<b>U</b>	Issue No.	<b>23</b>
LM End	<b>1.74</b>	Issue Type +	<b>En</b>	Location *	<b>LS</b>
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.628208 °	38.628208 °	
			-121.439142 °	-121.439142 °	
DWR ID	DWR_NA0001_07_s_2012_23				
Action/Comments					
Fence Inspector Comments: Wooden fence and cedar trees are within 10-ft of levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_58\_23\_20150910\_00019.jpg



View of wooden privacy fence constructed at the toe.

LM Start	<b>1.75</b>	Rating **	<b>U</b>	Issue No.	<b>9</b>
LM End	<b>1.75</b>	Issue Type +	<b>En</b>	Location *	<b>LS</b>
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.628197 °	38.628197 °	
			-121.438863 °	-121.438863 °	
DWR ID	DWR_NA0001_07_s_2012_9				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence is within 10-ft of the levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_58\_9\_20150910\_00007.jpg



11/17/2011 Wooden privacy fence is constructed at the toe.

<b>* Location</b> LS : Land Side 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.79</b>	Rating **	U	Issue No.	<b>10</b>
LM End	<b>1.79</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.628273 °	38.628273 °	
			-121.438255 °	-121.438255 °	
DWR ID	DWR_NA0001_07_s_2012_10				
Action/Comments					
Landscaping Inspector Comments: Ivy and other landscape plantings have grown up chain link fence on the levee toe. Building is within 10-ft of the levee toe. Prunings are on the levee slope.					

Photo 1 of 1 : FA\_2015\_NA0001\_58\_10\_20150910\_00008.jpg



Landscaping has grown over the fence and obstructs visibility and access.

LM Start	<b>1.80</b>	Rating **	U	Issue No.	<b>11</b>
LM End	<b>1.80</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.628297 °	38.628297 °	
			-121.437995 °	-121.437995 °	
DWR ID	DWR_NA0001_07_f_2012_11				
Action/Comments					
Landscaping Inspector Comments: Dense ivy and landscaping planted on chain link fence on levee toe. Porch and awning are within 10-ft of the levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_58\_11\_20150910\_00009.jpg



11/17/2011 Overgrown vegetation obstructs visibility and access.

LM Start	<b>1.81</b>	Rating **	U	Issue No.	<b>12</b>
LM End	<b>1.81</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.628307 °	38.628307 °	
			-121.437842 °	-121.437842 °	
DWR ID	DWR_NA0001_07_s_2012_12				
Action/Comments					
Fence Inspector Comments: Chain link privacy fence with barbed wire is within 10-ft of levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_58\_12\_20150910\_00010.jpg



11/17/2011 Barbed wire topped privacy fence is located at the toe.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.82</b>	Rating **	U	Issue No.	<b>13</b>
LM End	<b>1.82</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.628303 °	38.628303 °	
			-121.437693 °	-121.437693 °	
DWR ID	DWR_NA0001_07_s_2012_13				
Action/Comments					
Fence Inspector Comments: Chain link privacy fence is within 10-ft of levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_58\_13\_20150910\_00011.jpg



11/17/2011 Privacy fence is located at the toe.

LM Start	<b>1.83</b>	Rating **	U	Issue No.	<b>14</b>
LM End	<b>1.83</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.628303 °	38.628303 °	
			-121.437530 °	-121.437530 °	
DWR ID	DWR_NA0001_07_s_2012_14				
Action/Comments					
Fence Inspector Comments: Chain link privacy fence is within 10-ft of levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_58\_14\_20150910\_00012.jpg



Fall 2009 photo of privacy fence within 10-ft of the levee toe obstructs visibility and access.

LM Start	<b>1.84</b>	Rating **	U	Issue No.	<b>15</b>
LM End	<b>1.84</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.628295 °	38.628295 °	
			-121.437282 °	-121.437282 °	
DWR ID	DWR_NA0001_07_s_2012_15				
Action/Comments					
Landscaping Inspector Comments: Dense ivy growing on chain link fence within 10-ft of levee toe.					

Photo 1 of 2 : FA\_2015\_NA0001\_58\_15\_20150910\_00013.jpg



11/17/2011 Dense vegetation at the toe.

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

**Levee Inspection Report By Mile - Fall 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.84</b>	Rating **	U	Issue No.	<b>15 (cont)</b>
LM End	<b>1.84</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.628295 °	38.628295 °	
			-121.437282 °	-121.437282 °	
DWR ID	DWR_NA0001_07_s_2012_15				
Action/Comments					
Landscaping Inspector Comments: Dense ivy growing on chain link fence within 10-ft of levee toe.					

Photo 2 of 2 : FA\_2015\_NA0001\_58\_15\_20150910\_00014.jpg



Fall 2009 photo of dense ivy and fence obstruct visibility and access.

LM Start	<b>1.86</b>	Rating **	U	Issue No.	<b>16</b>
LM End	<b>1.86</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.628262 °	38.628262 °	
			-121.436985 °	-121.436985 °	
DWR ID	DWR_NA0001_07_s_2012_16				
Action/Comments					
Landscaping Inspector Comments: Dense ivy and trees along chain link fence on levee toe. Large building is within 10-ft of levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_58\_16\_20150910\_00015.jpg



11/17/2011 Vegetation and building obstruct visibility and access to the levee toe.

LM Start	<b>1.87</b>	Rating **	U	Issue No.	<b>22</b>
LM End	<b>1.87</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.628318 °	38.628318 °	
			-121.436794 °	-121.436794 °	
DWR ID	DWR_NA0001_07_s_2012_22				
Action/Comments					
Building Inspector Comments: Wooden shed and landscaping along chain link fence within 10-ft of levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_58\_22\_20150910\_00018.jpg



11/17/2011 Building is too close to the levee toe and obstructs visibility and access.

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

**Unit Cover Sheet**

**Fall 2015 Levee Inspection Results**

**American River Flood Control District**

Waterway		Bank	Unit Miles	
Unit No. 08 Magpie Creek Diversion		Left	1.44	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	04/29/2015 - 04/29/2015		10/21/2015 - 11/09/2015	
DWR Inspector	Maksim Khashchuk		Maksim Khashchuk	
Accompanied By	Richard Marck ARFCD		Richard Marck ARFCD	

**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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Magpie Creek Diversion	Left	1.44	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>0.30</b>	Rating **	A/W	Issue No.	<b>5</b>
LM End	<b>0.49</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.668191 °	38.668116 °	
			-121.442059 °	-121.438661 °	
DWR ID	DWR_NA0001_08_s_2012_5				
Action/Comments					
Environmental Requirements. Inspector Comments: Re-vegetation site on levee slope.					

No Photos

LM Start	<b>0.30</b>	Rating **	M	Issue No.	<b>4</b>
LM End	<b>0.49</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.668191 °	38.668118 °	
			-121.442059 °	-121.438659 °	
DWR ID	DWR_NA0001_08_s_2012_4				
Action/Comments					
Fence Inspector Comments: Chain link fence near levee toe limits access.					

Photo 1 of 1 : FA\_2015\_NA0001\_59\_4\_20150910\_00004.jpg



View of the chainlink fence at landside levee toe facing downstream.

LM Start	<b>0.33</b>	Rating **	U	Issue No.	<b>15</b>
LM End	<b>0.33</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.668135 °	38.668135 °	
			-121.441563 °	-121.441563 °	
DWR ID	DWR_NA0001_08_f_2013_15				
Action/Comments					
Building Inspector Comments: Building within 10 feet of landside levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_59\_15\_20150910\_00009.jpg



View of the building within 10 feet of landside levee toe, facing downstream.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Magpie Creek Diversion	Left	1.44	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>0.39</b>	Rating **	M	Issue No.	<b>22</b>
LM End	<b>0.39</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.668155 °	38.668155 °	
			-121.440484 °	-121.440484 °	
DWR ID	DWR_NA0001_08_s_2014_22				
Action/Comments					
Fence Inspector Comments: Remove fence from landside levee slope.					

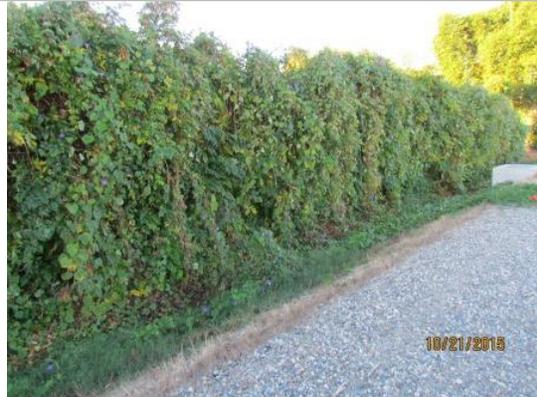
Photo 1 of 1 : FA\_2015\_NA0001\_59\_22\_20150910\_00012.jpg



View of the broken fence on landside levee toe.

LM Start	<b>0.40</b>	Rating **	U	Issue No.	<b>6</b>
LM End	<b>0.43</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.668147 °	38.668141 °	
			-121.440248 °	-121.439755 °	
DWR ID	DWR_NA0001_08_s_2012_6				
Action/Comments					
Landscaping Inspector Comments: Vines on fence limit visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_59\_6\_20151112\_00015.jpg



View of the vines on fence obstructing visibility of landside toe.

LM Start	<b>0.51</b>	Rating **	U	Issue No.	<b>1</b>
LM End	<b>1.03</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.668132 °	38.665528 °	
			-121.438229 °	-121.431688 °	
DWR ID	DWR_NA0001_08_s_2012_1				
Action/Comments					
Material Inspector Comments: This portion of the levee is inaccessible for maintenance.					

Photo 1 of 1 : FA\_2015\_NA0001\_59\_1\_20150910\_00001.jpg



View from downstream end of inaccessible portion of Magpie Creek due to landowner restrictions. There is no levee for ARFCD to maintain at this location. However, the channel maintenance is the responsibility of Sacramento Yard.

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

**Levee Inspection Report By Mile - Fall 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Magpie Creek Diversion	Left	1.44	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.21</b>	Rating **	M	Issue No.	<b>20</b>
LM End	<b>1.21</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.662860 °	38.662860 °
				-121.431671 °	-121.431671 °
DWR ID	DWR_NA0001_08_s_2014_20				
Action/Comments					
Pole					

Photo 1 of 1 : FA\_2015\_NA0001\_59\_20\_20150910\_00010.jpg



View of the pole on landside levee toe.

LM Start	<b>1.22</b>	Rating **	M	Issue No.	<b>2</b>
LM End	<b>1.31</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.662715 °	38.661584 °
				-121.431666 °	-121.431402 °
DWR ID	DWR_NA0001_08_s_2012_2				
Action/Comments					
Fence Inspector Comments: Barbed wire fence runs along the levee toe.					

Photo 1 of 1 : FA\_2015\_NA0001\_59\_2\_20150910\_00002.jpg



11/17/2011 Barbed wire fence at levee toe.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Magpie Creek Diversion	Left	1.44	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.28</b>	Rating **	M	Issue No.	<b>23</b>
LM End	<b>1.28</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.661843 °	38.661843 °
				-121.431675 °	-121.431675 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:30689 DS_ID:24815 EP_NO: N/A FS_HLM: 1.32 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: unable to confirm if conduit or gas line cross levee or flag identifying problem areas. Need additional information. FIELD_STRUCT_DESC: Underground service alert (USA) markers found on waterward and landward side during field inspection. FS Date: 12/20/2013					

Photo 1 of 2 : UCIP\_FA\_2015\_3216.jpg



View of landward side.

LM Start	<b>1.28</b>	Rating **	M	Issue No.	<b>23 (cont)</b>
LM End	<b>1.28</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP\_FA\_2015\_3217.jpg



View of waterward side.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Magpie Creek Diversion	Left	1.44	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.40</b>	Rating **	M	Issue No.	<b>24</b>
LM End	<b>1.40</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.660913 °	38.660913 °
				-121.429900 °	-121.429900 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:29329 DS_ID:24384 EP_NO: N/A FS_HLM: 1.44 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Non-functional crossing--need to coordinate with owner, DWR-Inspector, and CVFPB to determine how to properly abandon crossing. FIELD_STRUCT_DESC: Abandoned 24-inch pipe through the levee, 8.0 feet below the crown. Two CM cutoff walls around pipe. Slide gate in 30-inch CM riser and flap gate at waterward end. Concrete "U" headwall and splash apron on waterward end. Landward end cutoff and plugged, riser filled with dirt. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 72+10). FS Date: 12/20/2013					

Photo 1 of 2 : UCIP\_FA\_2015\_4428.jpg



Slide gate non-functional--riser filled with soil.

LM Start	<b>1.40</b>	Rating **	M	Issue No.	<b>24 (cont)</b>
LM End	<b>1.40</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP\_FA\_2015\_4429.jpg



View of riser with slide gate located on waterward side.

<b>* Location</b> LS : Land Side 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**

**Unit Cover Sheet**

**Fall 2015 Levee Inspection Results**

**American River Flood Control District**

Waterway		Bank	Unit Miles	
Unit No. 09 American River		Right	4.20	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	04/28/2015 - 04/28/2015		10/28/2015 - 10/29/2015	
DWR Inspector	Maksim Khashchuk		Maksim Khashchuk	
Accompanied By	Richard Marck ARFCD		Richard Marck ARFCD	

**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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/28/2015 10/29/2015	Maksim Khashchuk

LM Start	<b>0.02</b>	Rating **	A/W	Issue No.	<b>13</b>
LM End	<b>0.02</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.567955 °	38.567955 °	
			-121.383623 °	-121.383623 °	
DWR ID	DWR_NA0001_09_f_2013_13				
Action/Comments					
Monitoring Well Inspector Comments: Monitoring well at landside levee hinge.					

Photo 1 of 1 : FA\_2015\_NA0001\_60\_13\_20150910\_00005.jpg



View of the monitoring well cap at the landside levee hinge.

LM Start	<b>0.40</b>	Rating **	N	Issue No.	<b>12</b>
LM End	<b>0.40</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.566725 °	38.566725 °	
			-121.389935 °	-121.389935 °	
DWR ID	DWR_NA0001_09_f_2013_12				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : FA\_2015\_NA0001\_60\_12\_20150910\_00004.jpg



View of the tree stump at the landside levee toe.

LM Start	<b>0.45</b>	Rating **	N	Issue No.	<b>14</b>
LM End	<b>0.45</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.566298 °	38.566298 °	
			-121.390680 °	-121.390680 °	
DWR ID	DWR_NA0001_09_s_2012_14				
Action/Comments					
Tree stumps. Inspector Comments: Tree trunk at fence line.					

Photo 1 of 1 : FA\_2015\_NA0001\_60\_14\_20150910\_00006.jpg



Tree trunk at fence line.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/28/2015 10/29/2015	Maksim Khashchuk

LM Start	<b>1.12</b>	Rating **	C	Issue No.	<b>3</b>
LM End	<b>1.12</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.563040 °	38.563040 °
				-121.402168 °	-121.402168 °
DWR ID	DWR_NA0001_09_s_2012_3				
Action/Comments					
Landscaping Inspector Comments: Ivy on slope					

No Photos

LM Start	<b>1.29</b>	Rating **	M	Issue No.	<b>30</b>
LM End	<b>1.29</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.562285 °	38.562285 °
				-121.405265 °	-121.405265 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:29347 DS_ID:24394 EP_NO: N/A FS_HLM: 1.31 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: Abandoned 12-inch steel pipe through the levee, 14.0 feet below the crown. Riser unit on waterward side. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 296+85). Pipe abandonment was referenced in Permit No. 4622 (1964). FS Date: 12/05/2013					

Photo 1 of 2 : UCIP\_FA\_2015\_4563.jpg



View of waterward side--tall riser located approximately 200 feet away.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/28/2015 10/29/2015	Maksim Khashchuk

LM Start	1.29	Rating **	M	Issue No.	30 (cont)
LM End	1.29	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
			Start	End	
Item	DWR UCIP Field Study			38.562285 °	38.562285 °
				-121.405265 °	-121.405265 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:29347 DS_ID:24394 EP_NO: N/A FS_HLM: 1.31 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: Abandoned 12-inch steel pipe through the levee, 14.0 feet below the crown. Riser unit on waterward side. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 296+85). Pipe abandonment was referenced in Permit No. 4622 (1964). FS Date: 12/05/2013					

Photo 2 of 2 : UCIP\_FA\_2015\_4564.jpg



View of landward side.

LM Start	1.88	Rating **	M	Issue No.	29
LM End	1.88	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
			Start	End	
Item	DWR UCIP Field Study			38.561155 °	38.561155 °
				-121.415839 °	-121.415839 °
DWR ID	DWR_NA0001_09_f_2015_29				
Action/Comments					
Inspector Comments: FS_ID:29351 DS_ID:24597 EP_NO: 17587 FS_HLM: 1.97 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm if riser belongs to this crossing--need to coordinate with owner to determine specifics. Description needs to be updated. FIELD_STRUCT_DESC: 54-inch water main through the levee. (Permit No. 17587-2003) FS Date: 12/05/2013					

Photo 1 of 3 : UCIP\_FA\_2015\_4565.jpg



View of waterward edge--rip rap armor along toe.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/28/2015 10/29/2015	Maksim Khashchuk

LM Start	1.88	Rating **	M	Issue No.	29 (cont)
LM End	1.88	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.561155 °	38.561155 °
				-121.415839 °	-121.415839 °
DWR ID	DWR_NA0001_09_f_2015_29				
Action/Comments					
Inspector Comments: FS_ID:29351 DS_ID:24597 EP_NO: 17587 FS_HLM: 1.97 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm if riser belongs to this crossing-- need to coordinate with owner to determine specifics. Description needs to be updated. FIELD_STRUCT_DESC: 54-inch water main through the levee. (Permit No. 17587-2003) FS Date: 12/05/2013					

Photo 2 of 3 : UCIP\_FA\_2015\_4566.jpg



View of waterward berm looking toward levee crown from waterward berm edge.

LM Start	1.88	Rating **	M	Issue No.	29 (cont)
LM End	1.88	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_4567.jpg



Three risers located on waterward berm.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/28/2015 10/29/2015	Maksim Khashchuk

LM Start	<b>2.51</b>	Rating **	M	Issue No.	<b>31</b>
LM End	<b>2.51</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.568767 °	38.568767 °
				-121.421178 °	-121.421178 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:31309 DS_ID:24515 EP_NO: N/A FS_HLM: 2.56 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 1 of 3 : UCIP\_FA\_2015\_3008.jpg



Landward side toe cleared.

LM Start	<b>2.51</b>	Rating **	M	Issue No.	<b>31 (cont)</b>
LM End	<b>2.51</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_3009.jpg



View of landward side.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/28/2015 10/29/2015	Maksim Khashchuk

LM Start	<b>2.51</b>	Rating **	M	Issue No.	<b>31 (cont)</b>
LM End	<b>2.51</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.568767 °	38.568767 °
				-121.421178 °	-121.421178 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31309 DS_ID:24515 EP_NO: N/A FS_HLM: 2.56 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP\_FA\_2015\_3010.jpg



View of waterward side.

LM Start	<b>2.70</b>	Rating **	C	Issue No.	<b>26</b>
LM End	<b>2.70</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.571399 °	38.571399 °
				-121.420754 °	-121.420754 °
DWR ID	DWR_NA0001_09_f_2015_26				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	<b>3.01</b>	Rating **	C	Issue No.	<b>25</b>
LM End	<b>3.01</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.575790 °	38.575790 °
				-121.419272 °	-121.419272 °
DWR ID	DWR_NA0001_09_f_2015_25				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/28/2015 10/29/2015	Maksim Khashchuk

LM Start	<b>3.06</b>	Rating **	U	Issue No.	<b>2</b>
LM End	<b>3.19</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.576423 °	38.578248 °	
			-121.419117 °	-121.418475 °	
DWR ID	DWR_NA0001_09_s_2012_2				
Action/Comments					
Fence					

Photo 1 of 1 : FA\_2015\_NA0001\_60\_2\_20150910\_00002.jpg



View of the trimmed vegetation on the chain linked fence still obstructing visibility.

LM Start	<b>3.19</b>	Rating **	U	Issue No.	<b>1</b>
LM End	<b>3.27</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.578258 °	38.579363 °	
			-121.418475 °	-121.418100 °	
DWR ID	DWR_NA0001_09_s_2012_1				
Action/Comments					
Fence					

Photo 1 of 1 : FA\_2015\_NA0001\_60\_1\_20150910\_00001.jpg



View of the fence at the landside levee toe.

LM Start	<b>3.30</b>	Rating **	M	Issue No.	<b>24</b>
LM End	<b>3.30</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.579851 °	38.579851 °	
			-121.417896 °	-121.417896 °	
DWR ID	DWR_NA0001_09_f_2015_24				
Action/Comments					
Landscaping Inspector Comments: Vine on the LS fence blocking visibility.					

Photo 1 of 1 : FA\_2015\_NA0001\_60\_24\_20151112\_00014.jpg



View of the vines on the fence at the landside levee toe.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/28/2015 10/29/2015	Maksim Khashchuk

LM Start	<b>3.32</b>	Rating **	M	Issue No.	<b>32</b>
LM End	<b>3.32</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.580094 °	38.580094 °
				-121.417821 °	-121.417821 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:30125 DS_ID:24412 EP_NO: 17671 FS_HLM: 3.38 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: unable to confirm if manhole is part of this crossing-- need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: 1 of 2: 60-inch sewer main under the levee. Connects to 60-inch main on landward side. (Permit No. 17671-2003) FS Date: 12/05/2013					

Photo 1 of 3 : UCIP\_FA\_2015\_4165.jpg



View of waterward side.

LM Start	<b>3.32</b>	Rating **	M	Issue No.	<b>32 (cont)</b>
LM End	<b>3.32</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_4166.jpg



Underground service alert (USA) paint found on bike path on waterward side.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/28/2015 10/29/2015	Maksim Khashchuk

LM Start	<b>3.32</b>	Rating **	M	Issue No.	<b>32 (cont)</b>
LM End	<b>3.32</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.580094 °	38.580094 °
				-121.417821 °	-121.417821 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:30125 DS_ID:24412 EP_NO: 17671 FS_HLM: 3.38 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP\_FA\_2015\_4167.jpg



Manhole visible on waterward toe.

LM Start	<b>3.34</b>	Rating **	M	Issue No.	<b>33</b>
LM End	<b>3.34</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.580347 °	38.580347 °
				-121.417734 °	-121.417734 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:29633 DS_ID:24404 EP_NO: 12188 FS_HLM: 3.4 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: unable to confirm if crossing is still active--need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: 60-inch concrete encased steel sewer line through the levee, 17.0 feet below the crown. Cutoff wall around pipe at the center of the levee. Rock revetment on waterward slope. Three pressure manholes in overflow area along pipe path. (Permit No. 12188-1979) FS Date: 12/05/2013					

Photo 1 of 3 : UCIP\_FA\_2015\_3171.jpg



Faded paint markings located on levee crown.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/28/2015 10/29/2015	Maksim Khashchuk

LM Start	<b>3.34</b>	Rating **	M	Issue No.	<b>33 (cont)</b>
LM End	<b>3.34</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.580347 °	38.580347 °
				-121.417734 °	-121.417734 °
DWR ID					

**Action/Comments**

Inspector Comments: FS\_ID:29633  
 DS\_ID:24404  
 EP\_NO: 12188  
 FS\_HLM: 3.4  
 Repair Type: Non-Urgent  
 Crossing Status: Indicator Found  
 UCIP Comments: unable to confirm if crossing is still active--need to contact owner to determine status of crossing.  
 FIELD\_STRUCT\_DESC: 60-inch concrete encased steel sewer line through the levee, 17.0 feet below the crown. Cutoff wall around pipe at the center of the levee. Rock revetment on waterward slope. Three pressure manholes in overflow area along pipe path. (Permit No. 12188-1979)  
 FS Date: 12/05/2013

Photo 2 of 3 : UCIP\_FA\_2015\_3172.jpg



Underground service alert (USA) markings still present on levee crown.

LM Start	<b>3.34</b>	Rating **	M	Issue No.	<b>33 (cont)</b>
LM End	<b>3.34</b>	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_3173.jpg



View of landward side.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/28/2015 10/29/2015	Maksim Khashchuk

LM Start	<b>3.34</b>	Rating **	M	Issue No.	<b>34</b>
LM End	<b>3.34</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.580435 °	38.580435 °
				-121.417711 °	-121.417711 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41437 DS_ID:24566 EP_NO: 17671 FS_HLM: 3.401 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 1 of 3 : UCIP\_FA\_2015\_4168.jpg



Marker visible on landward.

LM Start	<b>3.34</b>	Rating **	M	Issue No.	<b>34 (cont)</b>
LM End	<b>3.34</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_4169.jpg



Underground service alert (USA) markings found on levee crown for 60-inch pipe.

LM Start	<b>3.34</b>	Rating **	M	Issue No.	<b>34 (cont)</b>
LM End	<b>3.34</b>	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_4170.jpg



Overview of landward side.

<b>* Location</b> LS : Land Side 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/28/2015 10/29/2015	Maksim Khashchuk

LM Start	<b>3.42</b>	Rating **	M	Issue No.	<b>35</b>
LM End	<b>3.42</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581572 °	38.581572 °
				-121.417819 °	-121.417819 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:30684 DS_ID:24816 EP_NO: N/A FS_HLM: 3.48 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 1 of 2 : UCIP\_FA\_2015\_3058.jpg



View of waterward side.

LM Start	<b>3.42</b>	Rating **	M	Issue No.	<b>35 (cont)</b>
LM End	<b>3.42</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP\_FA\_2015\_3059.jpg



View of landward side.

LM Start	<b>3.68</b>	Rating **	M	Issue No.	<b>36</b>
LM End	<b>3.68</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.584344 °	38.584344 °
				-121.420968 °	-121.420968 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31304 DS_ID:24817 EP_NO: N/A FS_HLM: 3.752 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_2923.jpg



Bike path located on waterward side.

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/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 - Fall 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/28/2015 10/29/2015	Maksim Khashchuk

LM Start	<b>3.68</b>	Rating **	M	Issue No.	<b>36 (cont)</b>
LM End	<b>3.68</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.584344 °	38.584344 °
				-121.420968 °	-121.420968 °
DWR ID					

**Action/Comments**

Inspector Comments: FS\_ID:31304  
 DS\_ID:24817  
 EP\_NO: N/A  
 FS\_HLM: 3.752  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: Need to confirm crossing size--need additional information about crossing.  
 FIELD\_STRUCT\_DESC: 1 of 2: Crossing through levee at unknown depth. Concrete structure (7x15-foot) located on waterward shoulder with slide gate inside manhole. Square flap gate located on waterward end. Concrete wings and apron at waterward end of outlet channel. Concrete box located on the waterward shoulder fenced off.  
 FS Date: 12/05/2013

Photo 2 of 3 : UCIP\_FA\_2015\_3001.jpg



Concrete wall and wing walls located on waterward side.

LM Start	<b>3.68</b>	Rating **	M	Issue No.	<b>36 (cont)</b>
LM End	<b>3.68</b>	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_3002.jpg



Concrete box and electrical box located on waterward shoulder.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/28/2015 10/29/2015	Maksim Khashchuk

LM Start	<b>3.68</b>	Rating **	M	Issue No.	<b>37</b>
LM End	<b>3.68</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.584355 °	38.584355 °
				-121.420989 °	-121.420989 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31306 DS_ID:24818 EP_NO: N/A FS_HLM: 3.754 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_3003.jpg



Bike path located on waterward side.

LM Start	<b>3.68</b>	Rating **	M	Issue No.	<b>37 (cont)</b>
LM End	<b>3.68</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_3004.jpg



Concrete headwall located on waterward toe.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/28/2015 10/29/2015	Maksim Khashchuk

LM Start	<b>3.68</b>	Rating **	M	Issue No.	<b>37 (cont)</b>
LM End	<b>3.68</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.584355 °	38.584355 °
				-121.420989 °	-121.420989 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31306 DS_ID:24818 EP_NO: N/A FS_HLM: 3.754 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_3005.jpg



Concrete box and electrical boxes located on waterward shoulder.

LM Start	<b>3.72</b>	Rating **	M	Issue No.	<b>38</b>
LM End	<b>3.72</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.584710 °	38.584710 °
				-121.421496 °	-121.421496 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31307 DS_ID:24819 EP_NO: N/A FS_HLM: 3.79 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Unable to confirm is pipe crosses levee--no permit available. FIELD_STRUCT_DESC: Service box located on waterward side and landward side. Unable to confirm crossing exists through levee. No permit found for this potential crossing. FS Date: 12/05/2013					

Photo 1 of 2 : UCIP\_FA\_2015\_3006.jpg



Concrete box located inside fenced area located on landward side.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/28/2015 10/29/2015	Maksim Khashchuk

LM Start	<b>3.72</b>	Rating **	M	Issue No.	<b>38 (cont)</b>
LM End	<b>3.72</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.584710 °	38.584710 °
				-121.421496 °	-121.421496 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31307 DS_ID:24819 EP_NO: N/A FS_HLM: 3.79 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Unable to confirm is pipe crosses levee--no permit available. FIELD_STRUCT_DESC: Service box located on waterward side and landward side. Unable to confirm crossing exists through levee. No permit found for this potential crossing. FS Date: 12/05/2013					

Photo 2 of 2 : UCIP\_FA\_2015\_3007.jpg



View of concrete service box located on waterward shoulder.

<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**

**Unit Cover Sheet**

**Fall 2015 Levee Inspection Results**

**American River Flood Control District**

Waterway		Bank	Unit Miles	
Unit No. 10 American River		Right	3.90	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	04/28/2015 - 04/28/2015		10/29/2015 - 11/09/2015	
DWR Inspector	Maksim Khashchuk		Maksim Khashchuk	
Accompanied By	Richard Marck ARFCD		Richard Marck ARFCD	

**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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>0.00</b>	Rating **	U	Issue No.	<b>16</b>
LM End	<b>0.62</b>	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.600917 °	38.592184 °
				-121.332100 °	-121.334347 °
DWR ID	DWR_NA0001_10_s_2012_16				
Action/Comments					
Urban					

Photo 1 of 1 : FA\_2015\_NA0001\_61\_16\_20150910\_00005.jpg



Levee encroached on by property owners north of Arden Way. This section is not reasonably accessible.

LM Start	<b>0.62</b>	Rating **	M	Issue No.	<b>118</b>
LM End	<b>0.62</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.592105 °	38.592105 °
				-121.334423 °	-121.334423 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31450 DS_ID:24820 EP_NO: N/A FS_HLM: 0.7 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to determine alignment of crossing, does it cross levee? Permit? FIELD_STRUCT_DESC: Protective posts located on landward side for what appears to be for gas/petroleum line. Unable to confirm if line goes through levee or if line runs parallel. No permit found. FS Date: 12/04/2013					

Photo 1 of 2 : UCIP\_FA\_2015\_4135.jpg



No signs of crossing on waterward side.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	0.62	Rating **	M	Issue No.	118 (cont)
LM End	0.62	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.592105 °	38.592105 °
				-121.334423 °	-121.334423 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31450 DS_ID:24820 EP_NO: N/A FS_HLM: 0.7 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to determine alignment of crossing, does it cross levee? Permit? FIELD_STRUCT_DESC: Protective posts located on landward side for what appears to be for gas/petroleum line. Unable to confirm if line goes through levee or if line runs parallel. No permit found. FS Date: 12/04/2013					

Photo 2 of 2 : UCIP\_FA\_2015\_4136.jpg



View of protective posts located on landward side.

LM Start	0.72	Rating **	M	Issue No.	119
LM End	0.72	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.591003 °	38.591003 °
				-121.335459 °	-121.335459 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:26281 DS_ID:24464 EP_NO: 12725 FS_HLM: 0.8 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm if this crossing is the same under permit 12725. Drinking fountain and water flow prevention located on waterward side. Need to coordinate with American River Flood Control District. FIELD_STRUCT_DESC: 6-inch steel water pipe through the levee, 2.5 feet below the crown. Arcade Water District well at landward toe. (Permit No. 12725-1980) FS Date: 12/04/2013					

Photo 1 of 3 : UCIP\_FA\_2015\_2770.jpg



View of waterward side--faucet and water flow prevention system.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	0.72	Rating **	M	Issue No.	119 (cont)
LM End	0.72	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.591003 °	38.591003 °
				-121.335459 °	-121.335459 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:26281 DS_ID:24464 EP_NO: 12725 FS_HLM: 0.8 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm if this crossing is the same under permit 12725. Drinking fountain and water flow prevention located on waterward side. Need to coordinate with American River Flood Control District. FIELD_STRUCT_DESC: 6-inch steel water pipe through the levee, 2.5 feet below the crown. Arcade Water District well at landward toe. (Permit No. 12725-1980) FS Date: 12/04/2013					

Photo 2 of 3 : UCIP\_FA\_2015\_2771.jpg



View of waterward slope.

LM Start	0.72	Rating **	M	Issue No.	119 (cont)
LM End	0.72	Issue Type +	En	Location *	CR

Photo 3 of 3 : UCIP\_FA\_2015\_2772.jpg



View of faucet located on waterward side.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>0.94</b>	Rating **	M	Issue No.	<b>120</b>
LM End	<b>0.94</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.587989 °	38.587989 °
				-121.336773 °	-121.336773 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:41550 DS_ID:24413 EP_NO: 2806 FS_HLM: 1.02 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_2773.jpg



View of gate stem located on waterward shoulder.

LM Start	<b>0.94</b>	Rating **	M	Issue No.	<b>120 (cont)</b>
LM End	<b>0.94</b>	Issue Type +	En	Location *	CR

Photo 2 of 3 : UCIP\_FA\_2015\_2774.jpg



View of landward side.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>0.94</b>	Rating **	M	Issue No.	<b>120 (cont)</b>
LM End	<b>0.94</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.587989 °	38.587989 °
				-121.336773 °	-121.336773 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41550 DS_ID:24413 EP_NO: 2806 FS_HLM: 1.02 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_2775.jpg



View of waterward slope.

LM Start	<b>1.04</b>	Rating **	M	Issue No.	<b>121</b>
LM End	<b>1.04</b>	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.586813 °	38.586813 °
				-121.337643 °	-121.337643 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31284 DS_ID:24821 EP_NO: N/A FS_HLM: 1.12 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Unable to determine reason for box and whether there is a utility that crosses levee. No permit found. FIELD_STRUCT_DESC: Service box located on waterward side. No permit found. FS Date: 12/04/2013					

Photo 1 of 3 : UCIP\_FA\_2015\_3317.jpg



Overview of levee crown at crossing.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	1.04	Rating **	M	Issue No.	121 (cont)
LM End	1.04	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.586813 °	38.586813 °
				-121.337643 °	-121.337643 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31284 DS_ID:24821 EP_NO: N/A FS_HLM: 1.12 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Unable to determine reason for box and whether there is a utility that crosses levee. No permit found. FIELD_STRUCT_DESC: Service box located on waterward side. No permit found. FS Date: 12/04/2013					

Photo 2 of 3 : UCIP\_FA\_2015\_3318.jpg



Concrete vault located on waterward side.

LM Start	1.04	Rating **	M	Issue No.	121 (cont)
LM End	1.04	Issue Type +	En	Location *	CR

Photo 3 of 3 : UCIP\_FA\_2015\_3319.jpg



Close up of concrete box located on waterward side.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.10</b>	Rating **	A	Issue No.	<b>11</b>
LM End	<b>1.10</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.585987 °	38.585987 °
				-121.338334 °	-121.338334 °
DWR ID	DWR_NA0001_10_f_2015_11				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : FA\_2015\_NA0001\_61\_11\_20151112\_00014.jpg



View of the acceptable vegetation control on the landside levee slope.

LM Start	<b>1.28</b>	Rating **	M	Issue No.	<b>122</b>
LM End	<b>1.28</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.583873 °	38.583873 °
				-121.340037 °	-121.340037 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41536 DS_ID:24097 EP_NO: 12276 FS_HLM: 1.36 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to find markers indicating crossing through levee. FIELD_STRUCT_DESC: Two 3-inch PVC electrical conduits through the levee, 3.0 feet below the crown. Northeast Sewage Treatment Plant on waterward side. Conduits extend from treatment plant to transformers located on waterward side. (Permit No. 12276-1980) FS Date: 12/04/2013					

Photo 1 of 3 : UCIP\_FA\_2015\_1203.jpg



View of transformers located on waterward side.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.28</b>	Rating **	M	Issue No.	<b>122 (cont)</b>
LM End	<b>1.28</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.583873 °	38.583873 °
				-121.340037 °	-121.340037 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41536 DS_ID:24097 EP_NO: 12276 FS_HLM: 1.36 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to find markers indicating crossing through levee. FIELD_STRUCT_DESC: Two 3-inch PVC electrical conduits through the levee, 3.0 feet below the crown. Northeast Sewage Treatment Plant on waterward side. Conduits extend from treatment plant to transformers located on waterward side. (Permit No. 12276-1980) FS Date: 12/04/2013					

Photo 2 of 3 : UCIP\_FA\_2015\_2572.jpg



Overview of levee looking downstream.

Photo 3 of 3 : UCIP\_FA\_2015\_2573.jpg



View of landward side.

LM Start	<b>1.28</b>	Rating **	M	Issue No.	<b>122 (cont)</b>
LM End	<b>1.28</b>	Issue Type +	En	Location *	LS

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.28</b>	Rating **	M	Issue No.	<b>123</b>
LM End	<b>1.28</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.583873 °	38.583873 °
				-121.340037 °	-121.340037 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:26299 DS_ID:24477 EP_NO: 7993 FS_HLM: 1.365 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_2585.jpg



Sign for unground cable with contact information.

LM Start	<b>1.28</b>	Rating **	M	Issue No.	<b>123 (cont)</b>
LM End	<b>1.28</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_2586.jpg



View of waterward side--Underground Alert System markers showing alignment.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.28</b>	Rating **	M	Issue No.	<b>123 (cont)</b>
LM End	<b>1.28</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.583873 °	38.583873 °
				-121.340037 °	-121.340037 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:26299 DS_ID:24477 EP_NO: 7993 FS_HLM: 1.365 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_2587.jpg



Overview of levee crown looking downstream.

LM Start	<b>1.28</b>	Rating **	M	Issue No.	<b>124</b>
LM End	<b>1.28</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.583780 °	38.583780 °
				-121.340126 °	-121.340126 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:26296 DS_ID:24568 EP_NO: 3599B FS_HLM: 1.37 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to determine status of structure-unable to determine if crossing is being used. Only indicator visible during inspection was the underground alert service markers and spray paint visible on the levee crown. FIELD_STRUCT_DESC: 1 of 3: 12-inch concrete encased pipe through the levee, 15.3 feet below the crown. Two cutoff walls around pipe in line with each shoulder. Slide gate in concrete gate structure at landward toe-not found 2013. Sewage treatment plant on waterward side. Control valve in concrete box on the waterward side. (Permit No. 3599B-1964) FS Date: 12/04/2013					

Photo 1 of 2 : UCIP\_FA\_2015\_2580.jpg



Overview of levee crown looking downstream.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	1.28	Rating **	M	Issue No.	124 (cont)	
LM End	1.28	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
			Start	End		
Item	DWR UCIP Field Study			38.583780 °	38.583780 °	
				-121.340126 °	-121.340126 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:26296 DS_ID:24568 EP_NO: 3599B FS_HLM: 1.37 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to determine status of structure-unable to determine if crossing is being used. Only indicator visible during inspection was the underground alert service markers and spray paint visible on the levee crown. FIELD_STRUCT_DESC: 1 of 3: 12-inch concrete encased pipe through the levee, 15.3 feet below the crown. Two cutoff walls around pipe in line with each shoulder. Slide gate in concrete gate structure at landward toe-not found 2013. Sewage treatment plant on waterward side. Control valve in concrete box on the waterward side. (Permit No. 3599B-1964) FS Date: 12/04/2013						

Photo 2 of 2 : UCIP\_FA\_2015\_2581.jpg



View of waterward side.

LM Start	1.29	Rating **	M	Issue No.	125	
LM End	1.29	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
			Start	End		
Item	DWR UCIP Field Study			38.583750 °	38.583750 °	
				-121.340143 °	-121.340143 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:26298 DS_ID:24567 EP_NO: 3599A FS_HLM: 1.375 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine status of structure. Need to coordinate with owner to determine maintenance records to confirm integrity. FIELD_STRUCT_DESC: 2 of 3: 36-inch concrete encased pipe through the levee, 6.9 feet below the crown. Two cutoff walls around pipe in line with each shoulder. Slide gate in concrete gate structure at landward toe. Sewage treatment plant on waterward side. Control valve in concrete box on the waterward side. (Permit No. 3599A-1964) FS Date: 12/04/2013						

Photo 1 of 3 : UCIP\_FA\_2015\_2582.jpg



Overview of levee crown with grout holes visible at the crown along pipe alignment.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	1.29	Rating **	M	Issue No.	125 (cont)
LM End	1.29	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.583750 °	38.583750 °
				-121.340143 °	-121.340143 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:26298 DS_ID:24567 EP_NO: 3599A FS_HLM: 1.375 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine status of structure. Need to coordinate with owner to determine maintenance records to confirm integrity. FIELD_STRUCT_DESC: 2 of 3: 36-inch concrete encased pipe through the levee, 6.9 feet below the crown. Two cutoff walls around pipe in line with each shoulder. Slide gate in concrete gate structure at landward toe. Sewage treatment plant on waterward side. Control valve in concrete box on the waterward side. (Permit No. 3599A-1964) FS Date: 12/04/2013					

Photo 2 of 3 : UCIP\_FA\_2015\_2583.jpg



Overview of levee crown.

LM Start	1.29	Rating **	M	Issue No.	125 (cont)
LM End	1.29	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_2584.jpg



USA markers indicate alignment through levee crown.

<b>* Location</b> LS : Land Side 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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.29</b>	Rating **	M	Issue No.	<b>126</b>
LM End	<b>1.29</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.583738 °	38.583738 °
				-121.340161 °	-121.340161 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:26426 DS_ID:24098 EP_NO: 3599 FS_HLM: 1.38 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 1 of 3 : UCIP\_FA\_2015\_0602.jpg



View of Underground Service Alert (USA) markers and flags confirming buried sewer lines.

LM Start	<b>1.29</b>	Rating **	M	Issue No.	<b>126 (cont)</b>
LM End	<b>1.29</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_0603.jpg



Overview of levee crown looking downstream.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.29</b>	Rating **	M	Issue No.	<b>126 (cont)</b>
LM End	<b>1.29</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.583738 °	38.583738 °
				-121.340161 °	-121.340161 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:26426 DS_ID:24098 EP_NO: 3599 FS_HLM: 1.38 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP\_FA\_2015\_0604.jpg



USA marker indicates 60 inch line through levee.

LM Start	<b>1.53</b>	Rating **	M	Issue No.	<b>127</b>
LM End	<b>1.53</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581594 °	38.581594 °
				-121.343622 °	-121.343622 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41548 DS_ID:24419 EP_NO: N/A FS_HLM: 1.62 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to find out the status of crossing--unable to determine if crossing is being used. FIELD_STRUCT_DESC: 24-inch pipe through the levee, 7.0 feet below the crown. Concrete inspection box at waterward toe. FS Date: 12/04/2013					

Photo 1 of 3 : UCIP\_FA\_2015\_4622.jpg



Structure located on landward side.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	1.53	Rating **	M	Issue No.	127 (cont)
LM End	1.53	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581594 °	38.581594 °
				-121.343622 °	-121.343622 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41548 DS_ID:24419 EP_NO: N/A FS_HLM: 1.62 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to find out the status of crossing--unable to determine if crossing is being used. FIELD_STRUCT_DESC: 24-inch pipe through the levee, 7.0 feet below the crown. Concrete inspection box at waterward toe. FS Date: 12/04/2013					

Photo 2 of 3 : UCIP\_FA\_2015\_4623.jpg



View of waterward side.

LM Start	1.53	Rating **	M	Issue No.	127 (cont)
LM End	1.53	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_4652.jpg



Concrete box located on waterward side near paved trail.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.53</b>	Rating **	M	Issue No.	<b>128</b>
LM End	<b>1.53</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581588 °	38.581588 °
				-121.343631 °	-121.343631 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41546 DS_ID:24101 EP_NO: N/A FS_HLM: 1.621 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_3320.jpg



View of landward side--chlorine line adjacent to 8-inch pipe.

LM Start	<b>1.53</b>	Rating **	M	Issue No.	<b>128 (cont)</b>
LM End	<b>1.53</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_3321.jpg



Structure located on waterward side.

LM Start	<b>1.53</b>	Rating **	M	Issue No.	<b>128 (cont)</b>
LM End	<b>1.53</b>	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_3322.jpg



View of waterward side.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>1.61</b>	Rating **	M	Issue No.	<b>129</b>
LM End	<b>1.61</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.580991 °	38.580991 °
				-121.344917 °	-121.344917 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:30575 DS_ID:24822 EP_NO: N/A FS_HLM: 1.7 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 1 of 2 : UCIP\_FA\_2015\_1218.jpg



Waterline marker at levee mile 1.7.

LM Start	<b>1.61</b>	Rating **	M	Issue No.	<b>129 (cont)</b>
LM End	<b>1.61</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP\_FA\_2015\_1219.jpg



Waterline marker at levee mile 1.63.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/29/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>3.74</b>	Rating **	A/W	Issue No.	<b>116</b>
LM End	<b>3.74</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.568526 °	38.568526 °	
			-121.380331 °	-121.380331 °	
DWR ID	DWR_NA0001_10_s_2012_116				
Action/Comments					
Repair the levee slope damaged by foot traffic and prevent access where possible. Inspector Comments: Foot traffic is eroding the landside slope.					

Photo 1 of 1 : FA\_2015\_NA0001\_61\_116\_20150910\_00007.jpg



View of the erosion on the landside levee slope caused by pedestrian foot traffic.

LM Start	<b>3.75</b>	Rating **	M	Issue No.	<b>4</b>
LM End	<b>3.84</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.568492 °	38.568076 °	
			-121.380477 °	-121.382001 °	
DWR ID	DWR_NA0001_10_s_2012_4				
Action/Comments					
Landscaping Inspector Comments: Ivy and trees.					

Photo 1 of 1 : FA\_2015\_NA0001\_61\_4\_20150910\_00001.jpg



View of the landscaping at the landside levee toe and slope.

LM Start	<b>3.83</b>	Rating **	N	Issue No.	<b>23</b>
LM End	<b>3.83</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.568111 °	38.568111 °	
			-121.381896 °	-121.381896 °	
DWR ID	DWR_NA0001_10_s_2015_23				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : FA\_2015\_NA0001\_61\_23\_20150910\_00006.jpg



View of the tree stump at the landside levee toe.

<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**

**Unit Cover Sheet**

**Fall 2015 Levee Inspection Results**

**American River Flood Control District**

Waterway		Bank	Unit Miles	
Unit No. 11 New Linda Creek		Left	0.73	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	04/28/2015 - 04/28/2015		10/21/2015 - 11/09/2015	
DWR Inspector	Maksim Khashchuk		Maksim Khashchuk	
Accompanied By	Richard Marck ARFCD		Richard Marck ARFCD	

**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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 New Linda Creek	Left	0.73	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>0.08</b>	Rating **	M	Issue No.	<b>7</b>
LM End	<b>0.08</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.662976 °	38.662976 °
				-121.456464 °	-121.456464 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31310 DS_ID:24823 EP_NO: N/A FS_HLM: 0.08 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: no permit found--owner? (unauthorized?) FIELD_STRUCT_DESC: 24-inch pipe through the levee at unknown depth. Concrete box located on waterward shoulder. Concrete wall located on waterward and landward side. Siphon breaker inside concrete service box located on waterward shoulder. No permit found. FS Date: 12/20/2013					

Photo 1 of 3 : UCIP\_FA\_2015\_3011.jpg



View of levee crown at crossing.

Photo 2 of 3 : UCIP\_FA\_2015\_3012.jpg



View of landward side.

LM Start	<b>0.08</b>	Rating **	M	Issue No.	<b>7 (cont)</b>
LM End	<b>0.08</b>	Issue Type +	En	Location *	LS

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 New Linda Creek	Left	0.73	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>0.08</b>	Rating **	M	Issue No.	<b>7 (cont)</b>
LM End	<b>0.08</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.662976 °	38.662976 °
				-121.456464 °	-121.456464 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31310 DS_ID:24823 EP_NO: N/A FS_HLM: 0.08 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_3013.jpg



View of waterward side.

LM Start	<b>0.31</b>	Rating **	A	Issue No.	<b>6</b>
LM End	<b>0.31</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.664805 °	38.664805 °
				-121.453014 °	-121.453014 °
DWR ID	DWR_NA0001_11_f_2015_6				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : FA\_2015\_NA0001\_436\_6\_20151112\_00007.jpg



View of the acceptable vegetation control on the landside levee slope.

LM Start	<b>0.48</b>	Rating **	M	Issue No.	<b>8</b>
LM End	<b>0.48</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.666585 °	38.666585 °
				-121.451009 °	-121.451009 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31311 DS_ID:24824 EP_NO: N/A FS_HLM: 0.491 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: owner? permit? (unauthorized?) FIELD_STRUCT_DESC: 6 inch conduit through levee at unknown depth. Conduit extends across the channel, attached to bridge. FS Date: 12/20/2013					

Photo 1 of 1 : UCIP\_FA\_2015\_3014.jpg



Crossing visible on waterward side.

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

**Levee Inspection Report By Mile - Fall 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 New Linda Creek	Left	0.73	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>0.49</b>	Rating **	M	Issue No.	<b>9</b>
LM End	<b>0.49</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.666745 °	38.666745 °
				-121.450918 °	-121.450918 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31312 DS_ID:24825 EP_NO: N/A FS_HLM: 0.501 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: owner? permit? (unauthorized?) FIELD_STRUCT_DESC: 4 inch conduit through levee at unknown depth. Conduit extends across the channel, attached to bridge. FS Date: 12/20/2013					

Photo 1 of 1 : UCIP\_FA\_2015\_3015.jpg



Conduit attached to the upstream face of Rio Linda Blvd Bridge.

LM Start	<b>0.52</b>	Rating **	M	Issue No.	<b>10</b>
LM End	<b>0.52</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.667108 °	38.667108 °
				-121.450827 °	-121.450827 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31313 DS_ID:24826 EP_NO: N/A FS_HLM: 0.52 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: owner? permit? (unauthorized?) FIELD_STRUCT_DESC: 24-inch (estimate only field verify) storm drain pipe through levee at an unknown depth. Concrete headwalls with debris screens located on waterward and landward side. Concrete box with protective posts located on waterward shoulder. No permit found. FS Date: 12/20/2013					

Photo 1 of 3 : UCIP\_FA\_2015\_3016.jpg



Concrete vault with protective posts located on waterward shoulder.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 New Linda Creek	Left	0.73	10/21/2015 11/09/2015	Maksim Khashchuk

LM Start	0.52	Rating **	M	Issue No.	10 (cont)
LM End	0.52	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.667108 °	38.667108 °
				-121.450827 °	-121.450827 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:31313 DS_ID:24826 EP_NO: N/A FS_HLM: 0.52 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: owner? permit? (unauthorized?) FIELD_STRUCT_DESC: 24-inch (estimate only field verify) storm drain pipe through levee at an unknow depth. Concrete headwalls with debris screens located on waterward and landward side. Concrete box with protective posts located on waterward shoulder. No permit found. FS Date: 12/20/2013					

Photo 2 of 3 : UCIP\_FA\_2015\_3017.jpg



View of levee crown at crossing.

Photo 3 of 3 : UCIP\_FA\_2015\_3018.jpg



Concrete headwall located on waterward side--depression found on wall edge.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2015 Levee Inspection Results**

**American River Flood Control District**

Waterway		Bank	Unit Miles	
Unit No. 12 American River		Left	0.84	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	04/28/2015 - 04/28/2015		11/09/2015 - 11/09/2015	
DWR Inspector	Maksim Khashchuk		Maksim Khashchuk	
Accompanied By	Richard Marck ARFCD		Richard Marck ARFCD	

**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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 American River	Left	0.84	11/09/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>0.08</b>	Rating **	M	Issue No.	<b>2</b>
LM End	<b>0.08</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.571036 °	38.571036 °	
			-121.353441 °	-121.353441 °	
DWR ID	DWR_NA0001_12_s_2014_2				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA\_2015\_NA0001\_438\_2\_20150910\_00002.jpg



View of the landscaping at the landside levee toe.

LM Start	<b>0.20</b>	Rating **	M	Issue No.	<b>1</b>
LM End	<b>0.20</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.572016 °	38.572016 °	
			-121.351633 °	-121.351633 °	
DWR ID	DWR_NA0001_12_f_2014_1				
Action/Comments					
Stairway					

Photo 1 of 1 : FA\_2015\_NA0001\_438\_1\_20150910\_00001.jpg



View of the stairs on the landside levee slope.

LM Start	<b>0.56</b>	Rating **	A/W	Issue No.	<b>4</b>
LM End	<b>0.56</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.575370 °	38.575370 °	
			-121.346583 °	-121.346583 °	
DWR ID	DWR_NA0001_12_f_2015_4				
Action/Comments					
Repair the levee slope damaged by foot traffic and prevent access where possible.					

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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 American River	Left	0.84	11/09/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>0.72</b>	Rating **	M	Issue No.	<b>5</b>
LM End	<b>0.72</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.576589 °	38.576589 °
				-121.344058 °	-121.344058 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:30541 DS_ID:24830 EP_NO: N/A FS_HLM: 0.723 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm pipe size--need to contact owner to obtain additional information on crossing. FIELD_STRUCT_DESC: 3 of 3: Drainpipe unknown size through the levee at unknown depth. Pipe crosses levee at an angle. SRCSD Facility N16 NE Siphon Outlet located on landward side. Facility is fenced off. Inside facility are 3 concrete boxes with 3 manholes. No permit found. FS Date: 02/25/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_4610.jpg



Manholes located on landward side.

LM Start	<b>0.72</b>	Rating **	M	Issue No.	<b>5 (cont)</b>
LM End	<b>0.72</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_4611.jpg



Concrete vault located on landward side.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 American River	Left	0.84	11/09/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>0.72</b>	Rating **	M	Issue No.	<b>5 (cont)</b>
LM End	<b>0.72</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.576589 °	38.576589 °
				-121.344058 °	-121.344058 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:30541 DS_ID:24830 EP_NO: N/A FS_HLM: 0.723 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP\_FA\_2015\_4612.jpg



SRCSD Facility N16, NE Siphon Outlet, sign visible from Mira Del Rio Drive.

LM Start	<b>0.72</b>	Rating **	M	Issue No.	<b>6</b>
LM End	<b>0.72</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.576596 °	38.576596 °
				-121.344029 °	-121.344029 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:30540 DS_ID:24829 EP_NO: N/A FS_HLM: 0.722 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm pipe size--need to contact owner to obtain additional information on crossing. FIELD_STRUCT_DESC: 2 of 3: Drainpipe unknown size through the levee at unknown depth. Pipe crosses levee at an angle. SRCSD Facility N16 NE Siphon Outlet located on landward side. Facility is fenced off. Inside facility are 3 concrete boxes with 3 manholes. No permit found. FS Date: 02/25/2014					

Photo 1 of 2 : UCIP\_FA\_2015\_4452.jpg



Manholes visible on landward side.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 American River	Left	0.84	11/09/2015 11/09/2015	Maksim Khashchuk

LM Start	0.72	Rating **	M	Issue No.	6 (cont)	
LM End	0.72	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
			Start	End		
Item	DWR UCIP Field Study			38.576596 °	38.576596 °	
				-121.344029 °	-121.344029 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:30540 DS_ID:24829 EP_NO: N/A FS_HLM: 0.722 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm pipe size--need to contact owner to obtain additional information on crossing. FIELD_STRUCT_DESC: 2 of 3: Drainpipe unknown size through the levee at unknown depth. Pipe crosses levee at an angle. SRCSD Facility N16 NE Siphon Outlet located on landward side. Facility is fenced off. Inside facility are 3 concrete boxes with 3 manholes. No permit found. FS Date: 02/25/2014						

Photo 2 of 2 : UCIP\_FA\_2015\_4453.jpg



SRCSD Facility N16, NE Siphon Outlet, sign visible from Mira Del Rio Drive.

LM Start	0.72	Rating **	M	Issue No.	7	
LM End	0.72	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
			Start	End		
Item	DWR UCIP Field Study			38.576600 °	38.576600 °	
				-121.344008 °	-121.344008 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:30539 DS_ID:24828 EP_NO: N/A FS_HLM: 0.721 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm pipe size--need to contact owner to obtain additional information on crossing. FIELD_STRUCT_DESC: 1 of 3: Drainpipe unknown size through the levee at unknown depth. Pipe crosses levee at an angle. SRCSD Facility N16 NE Siphon Outlet located on landward side. Facility is fenced off. Inside facility are 3 concrete boxes with 3 manholes. No permit found. FS Date: 02/25/2014						

Photo 1 of 3 : UCIP\_FA\_2015\_4449.jpg



Concrete vault with manholes located on landward side.

<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 2015**

**American River Flood Control District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 American River	Left	0.84	11/09/2015 11/09/2015	Maksim Khashchuk

LM Start	<b>0.72</b>	Rating **	M	Issue No.	<b>7 (cont)</b>
LM End	<b>0.72</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.576600 °	38.576600 °
				-121.344008 °	-121.344008 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:30539 DS_ID:24828 EP_NO: N/A FS_HLM: 0.721 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm pipe size--need to contact owner to obtain additional information on crossing. FIELD_STRUCT_DESC: 1 of 3: Drainpipe unknown size through the levee at unknown depth. Pipe crosses levee at an angle. SRCSD Facility N16 NE Siphon Outlet located on landward side. Facility is fenced off. Inside facility are 3 concrete boxes with 3 manholes. No permit found. FS Date: 02/25/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_4450.jpg



Concrete vault for 3 crossings located on landward side.

LM Start	<b>0.72</b>	Rating **	M	Issue No.	<b>7 (cont)</b>
LM End	<b>0.72</b>	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_4451.jpg



SRCDS Facility N16, NE Siphon Outlet, sign visible from Mira Del Rio Drive.

<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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