

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	11/17/2014 11/17/2014	Maksim Khashchuk

LM Start		Rating **	A	Issue No.	2
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.	24
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.	25
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

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

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

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	11/17/2014 11/17/2014	Maksim Khashchuk

LM Start	0.40	Rating **	A/W	Issue No.	60
LM End	0.40	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.622579 °	38.622579 °
				-121.461567 °	-121.461567 °
DWR ID	DWR_NA0001_01_s_2012_60				
Action/Comments					
Pipe					

Photo 1 of 1 : FA_2014_NA0001_51_60_20141001_00034.jpg



View of the pipe at the waterside levee hinge.

LM Start	0.48	Rating **	A/W	Issue No.	164
LM End	0.48	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 lanside.					

Photo 1 of 1 : FA_2014_NA0001_51_164_20141001_00035.jpg



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

LM Start	1.34	Rating **	N	Issue No.	26
LM End	1.34	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

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

11/17/2011 Two stumps at levee toe.

Several large stumps on levee slope.

Slope stability due to foot traffic needs to be monitored.

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American River Flood Control District

View of large tree stump at levee toe.

No Photos

11/17/2011 Stump at levee toe.

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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	11/17/2014 11/17/2014	Maksim Khashchuk

LM Start	1.69	Rating **	A/W	Issue No.	48
LM End	1.69	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_2014_NA0001_51_48_20141001_00030.jpg



View of the overgrown tree at the landside levee toe.

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

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American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.86	11/17/2014 11/17/2014	Maksim Khashchuk

LM Start	0.82	Rating **	A	Issue No.	24
LM End	0.82	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.613285 °	38.613285 °
				-121.466542 °	-121.466542 °
DWR ID	DWR_NA0001_02_f_2014_24				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : FA_2014_NA0001_52_24_20141119_00013.jpg



View of acceptable vegetation control.

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

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

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**Flood Control Project Maintenance
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American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	11/18/2014 11/18/2014	Maksim Khashchuk

LM Start	3.14	Rating **	M	Issue No.	1
LM End	3.14	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_2014_NA0001_490_1_20141119_00009.jpg



View of the rodent holes on the landside levee slope.

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	11/13/2014 11/13/2014	Maksim Khashchuk

LM Start	0.61	Rating **	N	Issue No.	212
LM End	0.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.601380 °	38.601380 °
				-121.498533 °	-121.498533 °
DWR ID	DWR_NA0001_04_f_2013_212				
Action/Comments					
Tree stumps.					

No Photos

LM Start	1.62	Rating **	M	Issue No.	7
LM End	1.62	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			38.599095 °	38.598791 °
				-121.480337 °	-121.479799 °
DWR ID	DWR_NA0001_04_f_2014_7				
Action/Comments					
Inspector Comments: 2012 - Located just downstream of older repair. Failing rock at the upstream end. Erosion of the bank has exposed large tree roots. 2013: No observed changes. [2013 Site ID: LAR_1-8_L]					

Photo 1 of 1 : FA_2014_NA0001_55_7_20141001_00007.jpg



USACE 2013 Photo #1

LM Start	1.73	Rating **	M	Issue No.	182
LM End	1.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.598088 °	38.598088 °
				-121.479150 °	-121.479150 °
DWR ID	DWR_NA0001_04_f_2012_182				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	11/13/2014 11/13/2014	Maksim Khashchuk

LM Start	2.50	Rating **	M	Issue No.	184
LM End	2.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.589590 °	38.589590 °
				-121.470524 °	-121.470524 °
DWR ID	DWR_NA0001_04_s _ 2012_184				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

Photo 1 of 1 : FA_2014_NA0001_55_184_20141001_00160.jpg



04/14/2011 Elderberry bush prevents visibility of levee toe.

LM Start	2.75	Rating **	M	Issue No.	247
LM End	2.75	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	2.84	Rating **	M	Issue No.	4
LM End	2.84	Issue Type +	Ma	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 1 : FA_2014_NA0001_55_4_20141001_00004.jpg



View of the debris stored in floodway.

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+ Issue Type

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	11/13/2014 11/13/2014	Maksim Khashchuk

LM Start	2.86	Rating **	M	Issue No.	248
LM End	2.86	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	4.50	Rating **	M	Issue No.	253
LM End	4.50	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.					

Photo 1 of 1 : FA_2014_NA0001_55_253_20141001_00192.jpg



View of large elderberry bush obstructing visibility and access.

LM Start	5.85	Rating **	N	Issue No.	181
LM End	5.85	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_2014_NA0001_55_181_20141001_00159.jpg



04/14/2011 Large stump at toe of levee.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

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+ Issue Type

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	11/13/2014 11/13/2014	Maksim Khashchuk

LM Start	5.93	Rating **	N	Issue No.	740
LM End	5.93	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_2014_NA0001_55_740_20141001_00195.jpg



11/15/2011 Large stump at levee toe.

LM Start	5.94	Rating **	N	Issue No.	741
LM End	5.94	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_2014_NA0001_55_741_20141001_00196.jpg



11/15/2011 Stump at levee toe.

LM Start	6.27	Rating **	M	Issue No.	164
LM End	6.27	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

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
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Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	11/13/2014 11/13/2014	Maksim Khashchuk

LM Start	6.28	Rating **	C	Issue No.	203
LM End	6.28	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.566079 °	38.566079 °
				-121.423505 °	-121.423505 °
DWR ID	DWR_NA0001_04_f_2013_203				
Action/Comments					
Repair the levee slope damaged by foot traffic and prevent access where possible.					

No Photos

LM Start	6.68	Rating **	M	Issue No.	240
LM End	6.68	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_2014_NA0001_55_240_20141119_00215.jpg



View of a rodent burrow at the landside levee toe.

LM Start	8.13	Rating **	A/W	Issue No.	745
LM End	8.13	Issue Type +	Ma	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_2014_NA0001_55_745_20141001_00197.jpg



11/15/2011 Gutter drains that are suspended from the balcony direct flow onto the levee toe.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
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+ Issue Type

Ma : Maintenance Deficiency
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American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	11/13/2014 11/13/2014	Maksim Khashchuk

LM Start	9.66	Rating **	N	Issue No.	123
LM End	9.66	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_2014_NA0001_55_123_20141001_00105.jpg



03/16/2012 Large tree stump at levee toe.

LM Start	10.04	Rating **	N	Issue No.	32
LM End	10.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.568715 °	38.568715 °
				-121.363256 °	-121.363256 °
DWR ID	DWR_NA0001_04_f_2013_32				
Action/Comments					
Tree stumps.					

No Photos

LM Start	10.06	Rating **	M	Issue No.	239
LM End	10.06	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_2014_NA0001_55_239_20141119_00214.jpg



View of several large rodent burrows.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
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American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Sacramento River	Left	0.41	11/13/2014 11/13/2014	Maksim Khashchuk

No Maintenance Issues.

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Linda Creek	Left	1.30	11/17/2014 11/17/2014	Maksim Khashchuk

LM Start	0.18	Rating **	A	Issue No.	9
LM End	0.18	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.657256 °	38.657256 °
				-121.471372 °	-121.471372 °
DWR ID	DWR_NA0001_06_f_2014_9				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : FA_2014_NA0001_57_9_20141119_00005.jpg



View of acceptable vegetation control.

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

View of the foot traffic on the landside levee slope.

View of the foot traffic on the landside levee toe.

View of the landside levee slope damaged by foot traffic.

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American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	11/17/2014 11/17/2014	Maksim Khashchuk

LM Start	1.60	Rating **	C	Issue No.	44
LM End	1.60	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.627710 °	38.627710 °
				-121.441283 °	-121.441283 °
DWR ID	DWR_NA0001_07_s_2014_44				
Action/Comments					
Tree stumps. Inspector Comments: Rotted out tree stump at landside levee toe. Fill and compact the affected area.					

No Photos

LM Start	1.62	Rating **	C	Issue No.	35
LM End	1.62	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.627669 °	38.627669 °
				-121.440853 °	-121.440853 °
DWR ID	DWR_NA0001_07_f_2013_35				
Action/Comments					
Tree stumps.					

No Photos

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

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

+ Issue Type
Ma : Maintenance Deficiency
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American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	11/18/2014 11/18/2014	Maksim Khashchuk

LM Start	0.40	Rating **	N	Issue No.	12
LM End	0.40	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_2014_NA0001_60_12_20141119_00015.jpg



View of the tree stump at the landside levee toe.

LM Start	0.45	Rating **	N	Issue No.	14
LM End	0.45	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_2014_NA0001_60_14_20141001_00007.jpg



Tree trunk at fence line.

LM Start	1.74	Rating **	C	Issue No.	11
LM End	1.74	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.560812 °	38.560812 °
				-121.412803 °	-121.412803 °
DWR ID	DWR_NA0001_09_f_2013_11				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	11/18/2014 11/18/2014	Maksim Khashchuk

LM Start	1.89	Rating **	C	Issue No.	4
LM End	1.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.561074 °	38.561074 °
				-121.415532 °	-121.415532 °
DWR ID	DWR_NA0001_09_f_2013_4				
Action/Comments					
Tree stumps.					

No Photos

LM Start	3.01	Rating **	M	Issue No.	6
LM End	3.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.575035 °	38.575035 °
				-121.419802 °	-121.419802 °
DWR ID	DWR_NA0001_09_f_2012_6				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

Photo 1 of 1 : FA_2014_NA0001_60_6_20141001_00004.jpg



View of active rodent burrow at landside levee toe.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 New Linda Creek	Left	0.73	11/17/2014 11/17/2014	Maksim Khashchuk

LM Start	0.09	Rating **	A	Issue No.	5
LM End	0.09	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.663024 °	38.663024 °
				-121.456367 °	-121.456367 °
DWR ID	DWR_NA0001_11_f_2014_5				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : FA_2014_NA0001_436_5_20141119_00005.jpg



View of acceptable vegetation control.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 American River	Left	0.84	11/13/2014 11/13/2014	Maksim Khashchuk

No Maintenance Issues.

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