

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2014 Levee Inspection Results
Yolo County Service Area 6

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

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

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

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

Comments

**Flood Control Project Maintenance
Levee Inspections
Unit Cover Sheet
Spring 2014 Levee Inspection Results
Yolo County Service Area 6**

Waterway	Bank	Unit Miles
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/17/2014 - 04/17/2014			
DWR Inspector	John Williamson			
Accompanied By	Regina Espinosa Yolo County			
	Chris Starke Yolo County			

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
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Levee Inspection Report By Mile - Spring 2014

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2014 04/17/2014	John Williamson

LM Start		Rating **	A	Issue No.	33
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals				°
				°	°
DWR ID	DWR_NA0022_01_s_2013_33				
Action/Comments					

No Photos

LM Start		Rating **	A	Issue No.	34
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training				°
				°	°
DWR ID	DWR_NA0022_01_s_2013_34				
Action/Comments					

No Photos

LM Start		Rating **	M	Issue No.	38
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment				°
				°	°
DWR ID	DWR_NA0022_01_s_2012_38				
Action/Comments					

No Photos

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

Levee Inspection Report By Mile - Spring 2014

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2014 04/17/2014	John Williamson

LM Start	0.00	Rating **	M	Issue No.	10
LM End	0.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.799172 °	38.801301 °	
			-121.724432 °	-121.722146 °	
DWR ID	DWR_NA0022_01_s_2014_10				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : johngw_s_20140421_844.jpg



Tall grasses and vegetation partially blocks visibility. Spring 2014

LM Start	0.00	Rating **	M	Issue No.	31
LM End	0.20	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.799184 °	38.801220 °	
			-121.724417 °	-121.722229 °	
DWR ID	DWR_NA0022_01_s_2012_31				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 2 : johngw_s_20140414_153.jpg



The vegetation partially blocks visibility. Fall 2013

LM Start	0.00	Rating **	M	Issue No.	31 (cont)
LM End	0.20	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : johngw_s_20140421_845.jpg



Tall grasses and vegetation partially blocks visibility. Spring 2014

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

Levee Inspection Report By Mile - Spring 2014

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2014 04/17/2014	John Williamson

LM Start	0.03	Rating **	U	Issue No.	6
LM End	0.20	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.799606 °	38.801368 °	
			-121.724048 °	-121.722054 °	
DWR ID	DWR_NA0022_01_s_2012_6				
Action/Comments					
Remove the wild growth other than native grasses from the levee					

Photo 1 of 3 : johngw_s_20140414_130.jpg



Tall vegetation, trees and brush block visibility. Fall 2013

LM Start	0.03	Rating **	U	Issue No.	6 (cont)
LM End	0.20	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : johngw_s_20140414_131.jpg



Trees and brush block visibility. Fall 2013

LM Start	0.03	Rating **	U	Issue No.	6 (cont)
LM End	0.20	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : johngw_s_20140421_847.jpg



Tall vegetation and trees block visibility. Spring 2014

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

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2014 04/17/2014	John Williamson

LM Start	0.03	Rating **	M	Issue No.	13
LM End	0.20	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.799500 °	38.801298 °	
			-121.724098 °	-121.722144 °	
DWR ID	DWR_NA0022_01_s_2014_13				
Action/Comments					
Keep the crown roadway free of vegetation.					

Photo 1 of 1 : johngw_s_20140421_846.jpg



The vegetation needs to be controlled on the crown. Spring 2014

LM Start	0.15	Rating **	M	Issue No.	29
LM End	0.15	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.800828 °	38.800828 °	
			-121.722902 °	-121.722902 °	
DWR ID	DWR_NA0022_01_s_2012_29				
Action/Comments					
Building					

Photo 1 of 1 : johngw_s_20140414_150.jpg



The old barn is on the waterside of the levee. Fall 2013

LM Start	0.22	Rating **	M	Issue No.	28
LM End	0.26	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.801500 °	38.801613 °	
			-121.721878 °	-121.721328 °	
DWR ID	DWR_NA0022_01_s_2012_28				
Action/Comments					
Building Inspector Comments: RV park runs on and along levee to bridge					

Photo 1 of 2 : johngw_s_20140414_149.jpg



The RV park is encroached into the levee crown. Fall 2013

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2014 04/17/2014	John Williamson

LM Start	0.22	Rating **	M	Issue No.	28 (cont)
LM End	0.26	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.801500 °	38.801613 °	
			-121.721878 °	-121.721328 °	
DWR ID	DWR_NA0022_01_s_2012_28				
Action/Comments					
Building Inspector Comments: RV park runs on and along levee to bridge					

Photo 2 of 2 : johngw_s_20140421_848.jpg



Trailers on the crown of the levee. Spring 2014

LM Start	0.31	Rating **	A/W	Issue No.	27
LM End	0.33	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.801720 °	38.801840 °	
			-121.720447 °	-121.720030 °	
DWR ID	DWR_NA0022_01_s_2012_27				
Action/Comments					
Landscaping Inspector Comments: I have talked to the owner about a permit and he continues to landscape the landside slope with no permit. Owner has added fence across levee. I gave her an application and did a field investigation report.					

Photo 1 of 1 : johngw_s_20140414_148.jpg



Landscaping is encroach into the levee easement. Fall 2013

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

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2014 04/17/2014	John Williamson

LM Start	0.35	Rating **	A/W	Issue No.	26
LM End	0.39	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.801967 °	38.802105 °	
			-121.719727 °	-121.718963 °	
DWR ID	DWR_NA0022_01_s_2012_26				
Action/Comments					
Building Inspector Comments: Apartments with chainlink fence with lathe woven into it.					

Photo 1 of 1 : johngw_s_20140414_147.jpg



The apartments and fence along the toe of the levee. Fall 2013

LM Start	0.35	Rating **	M	Issue No.	91
LM End	0.50	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.801913 °	38.802150 °	
			-121.719610 °	-121.716863 °	
DWR ID	DWR_NA0022_01_f_2013_91				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : johngw_s_20140414_169.jpg



Tall vegetation block visibility on the waterside. Fall 2013

LM Start	0.50	Rating **	M	Issue No.	395
LM End	0.55	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.802120 °	38.801882 °	
			-121.716867 °	-121.716165 °	
DWR ID	DWR_NA0022_01_f_2013_395				
Action/Comments					
Material					

Photo 1 of 1 : johngw_s_20140414_170.jpg



Material blocking visibility on the waterside of the levee. Fall 2013

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

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2014 04/17/2014	John Williamson

LM Start	0.55	Rating **	A/W	Issue No.	24
LM End	0.57	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.801910 °	38.801823 °	
			-121.716170 °	-121.715683 °	
DWR ID	DWR_NA0022_01_s_2012_24				
Action/Comments					
Landscaping					

Photo 1 of 1 : johngw_s_20140414_146.jpg



The lawn area is on the levee waterside and crown. Fall 2013

LM Start	0.57	Rating **	U	Issue No.	22
LM End	0.71	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.801968 °	38.801077 °	
			-121.715707 °	-121.713335 °	
DWR ID	DWR_NA0022_01_s_2012_22				
Action/Comments					
Landscaping Inspector Comments: Oleander hedge					

Photo 1 of 1 : johngw_s_20140414_144.jpg



Oleanders along the shoulder.

LM Start	0.57	Rating **	A/W	Issue No.	23
LM End	0.65	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.801965 °	38.801468 °	
			-121.715705 °	-121.714348 °	
DWR ID	DWR_NA0022_01_s_2012_23				
Action/Comments					
Building Inspector Comments: Yolo Sutter Yacht Club					

Photo 1 of 1 : johngw_s_20140414_145.jpg



The Yacht club is on the crown. Fall 2013

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

Levee Inspection Report By Mile - Spring 2014

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2014 04/17/2014	John Williamson

LM Start	0.66	Rating **	C	Issue No.	396
LM End	0.66	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.801327 °	38.801327 °	
			-121.714157 °	-121.714157 °	
DWR ID	DWR_NA0022_01_f_2013_396				
Action/Comments					
Prunings					

No Photos

LM Start	0.72	Rating **	M	Issue No.	398
LM End	5.90	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.801013 °	38.758663 °	
			-121.713230 °	-121.668860 °	
DWR ID	DWR_NA0022_01_f_2013_398				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 2 : johngw_s_20140414_173.jpg



Tall grasses partially block visibility. Fall 2013

LM Start	0.72	Rating **	M	Issue No.	398 (cont)
LM End	5.90	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : johngw_s_20140421_850.jpg



Tall grasses and vegetation partially blocks visibility. Spring 2014

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

Levee Inspection Report By Mile - Spring 2014

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2014 04/17/2014	John Williamson

LM Start	0.72	Rating **	M	Issue No.	397
LM End	5.90	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.801008 °	38.758655 °
				-121.713230 °	-121.668857 °
DWR ID	DWR_NA0022_01_f_2013_397				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 2 : johngw_s_20140414_172.jpg



Tall grasses partially blocks visibility. Fall 2013

LM Start	0.72	Rating **	M	Issue No.	397 (cont)
LM End	5.90	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : johngw_s_20140421_851.jpg



Tall grasses and vegetation partially blocks visibility. Spring 2014

LM Start	0.72	Rating **	M	Issue No.	2
LM End	0.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.800962 °	38.800962 °
				-121.713173 °	-121.713173 °
DWR ID	DWR_NA0022_01_s_2012_2				
Action/Comments					
Remove the wild growth other than native grasses from the levee					

Photo 1 of 1 : johngw_s_20140414_119.jpg



The berries block visibility of the levee slope. Fall 2013

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

Levee Inspection Report By Mile - Spring 2014

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2014 04/17/2014	John Williamson

LM Start	0.97	Rating **	U	Issue No.	21
LM End	1.14	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.800188 °	38.800577 °	
			-121.708918 °	-121.705830 °	
DWR ID	DWR_NA0022_01_s_2012_21				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 1 of 1 : johngw_s_20140414_143.jpg



The vegetation completely blocks the view of the levee slope. Fall 2011

LM Start	1.02	Rating **	M	Issue No.	17
LM End	1.02	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.800246 °	38.800246 °	
			-121.707858 °	-121.707858 °	
DWR ID	DWR_NA0022_01_s_2014_17				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

Photo 1 of 1 : johngw_s_20140421_852.jpg



A tree has fallen on the crown and blocks visibility. Spring 2014

LM Start	1.18	Rating **	M	Issue No.	20
LM End	1.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.800778 °	38.802058 °	
			-121.705135 °	-121.702633 °	
DWR ID	DWR_NA0022_01_s_2012_20				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 1 of 1 : johngw_s_20140414_142.jpg



The vegetation blocks the view of the levee slope. Fall 2011

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2014 04/17/2014	John Williamson

LM Start	1.58	Rating **	M	Issue No.	18
LM End	1.58	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.800538 °	38.800538 °	
			-121.699261 °	-121.699261 °	
DWR ID	DWR_NA0022_01_s_2014_18				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

Photo 1 of 1 : johngw_s_20140421_853.jpg



Many rodent holes are in the shoulder of the crown. Spring 2014

LM Start	1.83	Rating **	M	Issue No.	9
LM End	1.83	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.797228 °	38.797228 °	
			-121.697577 °	-121.697577 °	
DWR ID	DWR_NA0022_01_f_2013_9				
Action/Comments					
Trim trees over roadway to at least 12 feet above ground level.					

Photo 1 of 1 : johngw_s_20140414_134.jpg



Trees need to be trimmed up to 12 feet above the crown. Fall 2013

LM Start	1.98	Rating **	M	Issue No.	44
LM End	1.98	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.795492 °	38.795492 °	
			-121.695963 °	-121.695963 °	
DWR ID	DWR_NA0022_01_s_2013_44				
Action/Comments					
Prunings					

Photo 1 of 3 : johngw_s_20140414_163.jpg



Branches and small trees have fallen on the levee slope. Spring 2013

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2014 04/17/2014	John Williamson

LM Start	1.98	Rating **	M	Issue No.	44 (cont)
LM End	1.98	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.795492 °	38.795492 °
				-121.695963 °	-121.695963 °
DWR ID	DWR_NA0022_01_s_2013_44				
Action/Comments					
Prunings					

Photo 2 of 3 : johngw_s_20140414_164.jpg



A tree has fallen on the waterside levee slope and shoulder. Fall 2013

LM Start	1.98	Rating **	M	Issue No.	44 (cont)
LM End	1.98	Issue Type +	En	Location *	WS

Photo 3 of 3 : johngw_s_20140421_854.jpg



The tree has been cut up but there is a brush pile left. Spring 2014

LM Start	2.03	Rating **	M	Issue No.	7
LM End	2.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.794956 °	38.794956 °
				-121.695826 °	-121.695826 °
DWR ID	DWR_NA0022_01_f_2012_7				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and					

Photo 1 of 1 : johngw_s_20140414_132.jpg



Many rodent hole in this location on the slope. Fall 2012

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

Levee Inspection Report By Mile - Spring 2014

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2014 04/17/2014	John Williamson

LM Start	2.07	Rating **	M	Issue No.	85
LM End	2.07	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.794391 °	38.794391 °
				-121.695684 °	-121.695684 °
DWR ID	DWR_NA0022_01_s_2012_85				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : johngw_s_20140414_166.jpg



A rodent hole in the crown of the levee. Fall 2011

LM Start	2.18	Rating **	M	Issue No.	8
LM End	2.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.792956 °	38.792956 °
				-121.696025 °	-121.696025 °
DWR ID	DWR_NA0022_01_s_2012_8				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : johngw_s_20140414_133.jpg



There are multiple rodent holes but no visible rodents. Need to backfill and compact.

LM Start	2.20	Rating **	M	Issue No.	25
LM End	2.20	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.792657 °	38.792657 °
				-121.695809 °	-121.695809 °
DWR ID	DWR_NA0022_01_s_2014_25				
Action/Comments					
Trim trees over roadway to at least 12 feet above ground level.					

Photo 1 of 1 : johngw_s_20140421_856.jpg



Trees need to be trimmed up to at least 12 feet above the crown. Spring 2014

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2014 04/17/2014	John Williamson

LM Start	2.22	Rating **	M	Issue No.	40
LM End	2.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.792499 °	38.792499 °	
			-121.695508 °	-121.695508 °	
DWR ID	DWR_NA0022_01_s_2012_40				
Action/Comments					
Pipe					

Photo 1 of 1 : johngw_s_20140414_160.jpg



Pipe along toe.

LM Start	2.22	Rating **	M	Issue No.	35
LM End	2.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.792428 °	38.792428 °	
			-121.695495 °	-121.695495 °	
DWR ID	DWR_NA0022_01_s_2012_35				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : johngw_s_20140414_154.jpg



A rodent hole needs to be backfilled and compacted.

LM Start	2.24	Rating **	M	Issue No.	39
LM End	2.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.792283 °	38.792283 °	
			-121.695447 °	-121.695447 °	
DWR ID	DWR_NA0022_01_s_2012_39				
Action/Comments					
Firewood					

Photo 1 of 2 : johngw_s_20140414_158.jpg



Firewood stacked up.

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
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Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2014 04/17/2014	John Williamson

LM Start	2.24	Rating **	M	Issue No.	39 (cont)
LM End	2.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.792283 °	38.792283 °	
			-121.695447 °	-121.695447 °	
DWR ID	DWR_NA0022_01_s_2012_39				
Action/Comments					
Firewood					

Photo 2 of 2 : johngw_s_20140414_159.jpg



The firewood pile is continuing to grow along the toe of the levee. Fall 2012

LM Start	2.25	Rating **	M	Issue No.	41
LM End	2.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.792128 °	38.792128 °	
			-121.695400 °	-121.695400 °	
DWR ID	DWR_NA0022_01_s_2012_41				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : johngw_s_20140414_161.jpg



Rodents

LM Start	2.39	Rating **	M	Issue No.	45
LM End	2.39	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.790180 °	38.790180 °	
			-121.694525 °	-121.694525 °	
DWR ID	DWR_NA0022_01_s_2013_45				
Action/Comments					
Debris					

Photo 1 of 1 : johngw_s_20140414_165.jpg



Concrete debris is at the toe of the levee. Spring 2013

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

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Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2014 04/17/2014	John Williamson

LM Start	2.47	Rating **	M	Issue No.	32
LM End	2.47	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.789111 °	38.789111 °	
			-121.694462 °	-121.694462 °	
DWR ID	DWR_NA0022_01_s_2014_32				
Action/Comments					
Trim trees over roadway to at least 12 feet above ground level.					

Photo 1 of 1 : johngw_s_20140421_857.jpg



Trees need to be trimmed up to at least 12 feet above the crown. Spring 2014

LM Start	2.55	Rating **	U	Issue No.	37
LM End	2.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.788062 °	38.788062 °	
			-121.694244 °	-121.694244 °	
DWR ID	DWR_NA0022_01_s_2014_37				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : johngw_s_20140421_858.jpg



Tree stump decomposing and may pose a risk to the levee. Spring 2014

LM Start	2.62	Rating **	A/W	Issue No.	11
LM End	2.62	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.786964 °	38.786964 °	
			-121.694239 °	-121.694239 °	
DWR ID	DWR_NA0022_01_s_2012_11				
Action/Comments					
Building					

Photo 1 of 1 : johngw_s_20140414_135.jpg



Garage at toe.

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

Levee Inspection Report By Mile - Spring 2014

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2014 04/17/2014	John Williamson

LM Start	2.72	Rating **	M	Issue No.	87
LM End	2.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.785613 °	38.785613 °	
			-121.694266 °	-121.694266 °	
DWR ID	DWR_NA0022_01_s_2012_87				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 1 : johngw_s_20140414_167.jpg



Erosion caused by a build up of water then running off the slope. Fall 2011

LM Start	2.93	Rating **	M	Issue No.	52
LM End	2.93	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.783410 °	38.783410 °	
			-121.692035 °	-121.692035 °	
DWR ID	DWR_NA0022_01_f_2013_52				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	3.07	Rating **	M	Issue No.	42
LM End	3.07	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.782239 °	38.782239 °	
			-121.690037 °	-121.690037 °	
DWR ID	DWR_NA0022_01_s_2014_42				
Action/Comments					
Prunings					

Photo 1 of 1 : johngw_s_20140421_859.jpg



A large pruning pile near the toe of the levee. Spring 2014

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

Levee Inspection Report By Mile - Spring 2014

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2014 04/17/2014	John Williamson

LM Start	3.10	Rating **	M	Issue No.	5
LM End	3.33	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			38.780407 °	38.779137 °
				-121.688238 °	-121.687432 °
DWR ID					
Action/Comments					
Inspector Comments: 2006 - Short section is into the levee toe, rest is near the levee toe. Mass failure and fluvial erosion of depositional material. Rock at the upstream and downstream ends. 2011 - Minor new erosion. 2012 - Slope continues to steepen, tree roots have become exposed, and new eddy formed. 2013: No observed changes. [2013 Site ID: SAC_86-9_R]					

Photo 1 of 1 : USACE2013A_SAC_86-9_R_5.jpg



USACE 2013 Photo #1

LM Start	3.12	Rating **	A/W	Issue No.	12
LM End	3.19	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.781828 °	38.780852 °
				-121.689415 °	-121.688887 °
DWR ID	DWR_NA0022_01_s_2012_12				
Action/Comments					
Building					

Photo 1 of 2 : johngw_s_20140414_136.jpg



The buildings are encroaching into the levee slope.

LM Start	3.12	Rating **	A/W	Issue No.	12 (cont)
LM End	3.19	Issue Type +	En	Location *	LS

Photo 2 of 2 : johngw_s_20140414_137.jpg



Buildings are located at the toe of the levee. Fall 2012

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

Levee Inspection Report By Mile - Spring 2014

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2014 04/17/2014	John Williamson

LM Start	3.12	Rating **	A/W	Issue No.	43
LM End	3.12	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.781701 °	38.781701 °
				-121.689357 °	-121.689357 °
DWR ID	DWR_NA0022_01_s_2014_43				
Action/Comments					
Trees / Woody Vegetation					

Photo 1 of 1 : johngw_s_20140421_860.jpg



A tree is dying and needs to be monitored may pose a threat to the levee. Spring 2014

LM Start	3.13	Rating **	M	Issue No.	30
LM End	3.38	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.781676 °	38.778376 °
				-121.689327 °	-121.687447 °
DWR ID	DWR_NA0022_01_f_2012_30				
Action/Comments					
Prunings					

Photo 1 of 2 : johngw_s_20140414_151.jpg



Piles of prunings are on the waterside slope. Fall 2012

LM Start	3.13	Rating **	M	Issue No.	30 (cont)
LM End	3.38	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : johngw_s_20140414_152.jpg



Many piles are on the slope. Fall 2012.

* Location
LS : Land Side
WS : Water Side
CR : Crown

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

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2014 04/17/2014	John Williamson

LM Start	3.13	Rating **	C	Issue No.	400
LM End	3.13	Issue Type +	En	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.781670 °	38.781670 °	
			-121.689335 °	-121.689335 °	
DWR ID	DWR_NA0022_01_f_2013_400				
Action/Comments					
Tree or limb					

No Photos

LM Start	3.17	Rating **	M	Issue No.	46
LM End	3.17	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.781107 °	38.781107 °	
			-121.689052 °	-121.689052 °	
DWR ID	DWR_NA0022_01_s_2014_46				
Action/Comments					
Trim trees over roadway to at least 12 feet above ground level.					

Photo 1 of 1 : johngw_s_20140421_861.jpg



Trees need to be trimmed up to at least 12 feet above the crown. Spring 2014

LM Start	3.19	Rating **	A/W	Issue No.	47
LM End	3.19	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.780857 °	38.780857 °	
			-121.688921 °	-121.688921 °	
DWR ID	DWR_NA0022_01_s_2014_47				
Action/Comments					
Trees / Woody Vegetation					

Photo 1 of 1 : johngw_s_20140421_862.jpg



Trees have fallen and others are dying need to be monitor. They may pose a threat to the levee. Spring 2014

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

Levee Inspection Report By Mile - Spring 2014

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2014 04/17/2014	John Williamson

LM Start	3.25	Rating **	A/W	Issue No.	15
LM End	3.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.780051 °	38.780051 °
				-121.688525 °	-121.688525 °
DWR ID	DWR_NA0022_01_s_2014_15				
Action/Comments					
Trees / Woody Vegetation					

Photo 1 of 1 : johngw_s_20140421_863.jpg



Monitor dying trees they may pose to be a threat to the levee. Spring 2014

LM Start	3.31	Rating **	M	Issue No.	16
LM End	3.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.779352 °	38.779352 °
				-121.688041 °	-121.688041 °
DWR ID	DWR_NA0022_01_s_2012_16				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: Fallen tree from winter storms, needs to be cleaned up.					

Photo 1 of 2 : johngw_s_20140414_139.jpg



A cottonwood tree has fallen over against the slope. Fall 2011

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

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Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2014 04/17/2014	John Williamson

LM Start	3.31	Rating **	M	Issue No.	16 (cont)
LM End	3.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.779352 °	38.779352 °
				-121.688041 °	-121.688041 °
DWR ID	DWR_NA0022_01_s_2012_16				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: Fallen tree from winter storms, needs to be cleaned up.					

Photo 2 of 2 : johngw_s_20140414_140.jpg



This is the root ball of the tree. It has created a large void in the berm.
Fall 2011

LM Start	3.47	Rating **	M	Issue No.	401
LM End	3.47	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.777198 °	38.777198 °
				-121.687040 °	-121.687040 °
DWR ID	DWR_NA0022_01_f_2013_401				
Action/Comments					
Debris					

Photo 1 of 1 : johngw_s_20140414_175.jpg



Pipe has been laid on the waterside berm. Fall 2013

LM Start	3.70	Rating **	M	Issue No.	89
LM End	3.70	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.773984 °	38.773984 °
				-121.687722 °	-121.687722 °
DWR ID	DWR_NA0022_01_s_2012_89				
Action/Comments					
Tree or limb					

Photo 1 of 1 : johngw_s_20140414_168.jpg



Another tree has fallen on the waterside slope. Fall 2011

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2014 04/17/2014	John Williamson

LM Start	4.31	Rating **	A/W	Issue No.	36
LM End	4.57	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.767125 °	38.764582 °	
			-121.693267 °	-121.690285 °	
DWR ID	DWR_NA0022_01_s_2012_36				
Action/Comments					
Environmental Requirements.					

Photo 1 of 3 : johngw_s_20140414_155.jpg



USACE revegetation site photo spring 2012.

LM Start	4.31	Rating **	A/W	Issue No.	36 (cont)
LM End	4.57	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : johngw_s_20140414_156.jpg



Fence, irrigation and stakes in the revegetation site.

LM Start	4.31	Rating **	A/W	Issue No.	36 (cont)
LM End	4.57	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : johngw_s_20140414_157.jpg



Another view of the site.

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

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Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2014 04/17/2014	John Williamson

LM Start	4.44	Rating **	M	Issue No.	4
LM End	5.04	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	USACE Erosion Survey		38.763486 °	38.763313 °	
			-121.687567 °	-121.684038 °	
DWR ID					
Action/Comments					
Inspector Comments: 2009 - Erosion into the levee toe. Some cobbles					

Photo 1 of 1 : USACE2013A_SAC_85-4_R_5.jpg



USACE 2013 Photo #1

LM Start	5.60	Rating **	M	Issue No.	1
LM End	5.65	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.759620 °	38.759412 °	
			-121.673903 °	-121.673167 °	
DWR ID	DWR_NA0022_01_s_2012_1				
Action/Comments					
Building					

Photo 1 of 1 : johngw_s_20140414_118.jpg



The house and landscape are in the easement of the levee. Fall 2011

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

Levee Inspection Report By Mile - Spring 2014

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2014 04/17/2014	John Williamson

LM Start	5.78	Rating **	M	Issue No.	3
LM End	5.86	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			38.758877 °	38.759390 °
				-121.669365 °	-121.667500 °
DWR ID					
Action/Comments					
Inspector Comments: 2006 - Approximately 18 to 20 ft of bank near levee at the corner of the levee and the Freemont Weir. Vertical bank with undercutting/mass failure. 2007 - Staked at top of bank for monitoring. 2011 - Site has become significantly worse with more of the toe and lower bank eroded. Many trees have fallen since last year. 2012 - Site looks worse with more erosion around trees. 2013: Additional erosion into toe. [2013 Site ID: SAC_83-9_R]					

Photo 1 of 3 : USACE2013A_SAC_83-9_R_7.jpg



USACE 2013 Photo #1

LM Start	5.78	Rating **	M	Issue No.	3 (cont)
LM End	5.86	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : USACE2013A_SAC_83-9_R_8.jpg



USACE 2013 Photo #2

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

Levee Inspection Report By Mile - Spring 2014

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2014 04/17/2014	John Williamson

LM Start	5.78	Rating **	M	Issue No.	3 (cont)
LM End	5.86	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			38.758877 °	38.759390 °
				-121.669365 °	-121.667500 °
DWR ID					
Action/Comments					
Inspector Comments: 2006 - Approximately 18 to 20 ft of bank near					

Photo 3 of 3 : USACE2013A_SAC_83-9_R_9.jpg



USACE 2013 Photo #3

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