

**Flood Control Project Maintenance
Levee Inspections**

Fall 2015 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

RD1000	Overall LMA Rating	Total LMA Miles						
Reclamation District No. 1000 Natomas	A	41.84						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation					2.86	0.73		
Trim / Thin Trees	0.10		0.10	0.24%				
Encroachments					7.41	0.58		
Animal Control	0.01		0.01	0.02%				
Slope Stability	0.01		0.01	0.02%				
<i>Supplemental</i>								
2015 USACE Erosion Survey, DRAFT	0.13		0.13	0.31%				
<i>LMA Totals:</i>	0.25	0.00	0.25	0.60%	10.27	1.31	0.00	0.00

Unit No. 01 Sacramento River LB	Overall Unit Rating	Total Unit Miles						
RD1000	A	18.28						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation					2.74	0.73		
Trim / Thin Trees	0.02		0.02	0.11%				
Encroachments					4.74	0.58		
<i>Supplemental</i>								
2015 USACE Erosion Survey, DRAFT	0.13		0.13	0.71%				
<i>Unit Totals:</i>	0.15	0.00	0.15	0.82%	7.48	1.31	0.00	0.00

Unit No. 02 American River RB	Overall Unit Rating	Total Unit Miles						
RD1000	A	2.32						
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>								
Trim / Thin Trees	0.07		0.07	3.01%				
Encroachments					1.76			
<i>Unit Totals:</i>	0.07	0.00	0.07	3.01%	1.76	0.00	0.00	0.00

Unit No. 03 Natomas East Canal RB	Overall Unit Rating	Total Unit Miles						
RD1000	A	16.93						
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					0.12			
Trim / Thin Trees	0.01		0.01	0.06%				
Encroachments					0.91			
Animal Control	0.01		0.01	0.06%				
Slope Stability	0.01		0.01	0.06%				
<i>Unit Totals:</i>	0.03	0.00	0.03	0.18%	1.03	0.00	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections**

Fall 2015 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin (cont.)

Unit No. 04 Natomas Cross Canal LB RD1000	Overall Unit Rating	Total Unit Miles						
	A	4.30						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
No Items								
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%				

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

Reclamation District No. 1000 Natomas

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

** 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

Reclamation District No. 1000 Natomas

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Left	18.28
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	04/03/2015 - 04/03/2015		11/03/2015 - 11/03/2015	
DWR Inspector	Michael Pitta		Maksim Khashchuk	
Accompanied By	Don Caldwell		Don Caldwell RD1000	

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

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start		Rating **	A	Issue No.	18
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals				o
					o
DWR ID	DWR_RD1000_01_f _ 2014_18				
Action/Comments					
Inspector Comments: RD 1000 has a copy of the O&M manuals at their district office.					

No Photos

LM Start		Rating **	A	Issue No.	24
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment				°
					°
DWR ID	DWR_RD1000_01_f _ 2014_24				
Action/Comments					
Inspector Comments: RD 1000 has flood fight supplies on hand at their equipment yard located near Unit 4.					

No Photos

LM Start		Rating **	A	Issue No.	39	
LM End		Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Flood Preparedness & Training				°	
					°	
DWR ID	DWR_RD1000_01_f _ 2014_39					
Action/Comments						
Inspector Comments: RD 1000 employees attend the DWR flood fight class held at CalExpo annually.						

No Photos

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	0.08	Rating **	M	Issue No.	957
LM End	0.08	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.779583 °	38.779583
				-121.602598 °	-121.602598
DWR ID	DWR_RD1000_01_s _ 2012_957				
Action/Comments					
Building					

No Photos

LM Start	0.48	Rating **	M	Issue No.	3
LM End	0.61	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.774507 °	38.772921 °
				-121.598865 °	-121.597788 °
DWR ID					
Action/Comments					
Inspector Comments: 1997 - Very cohesive toe. 2005 - Site was staked and rock was stockpiled along the top of the bank. 2010 - New adjacent levee under construction. 2011 - New animal burrow. 2015: No observed changes. [2015 Site ID: SAC_78-3_L]					

Photo 1 of 1 : USACE2013A_SAC_78-3_L_7.jpg



USACE 2013 Photo #1

LM Start	1.63	Rating **	M	Issue No.	136
LM End	1.63	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.759320 °	38.759320 °
				-121.591343 °	-121.591343 °
DWR ID	DWR_RD1000_01_s _ 2012_136				
Action/Comments					
Fence					

Photo 1 of 1 : FA_2015_RD1000_31_136_20151103_00032.jpg



Unauthorized encroachment, 'Fence'

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	1.72	Rating **	M	Issue No.	135
LM End	1.75	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.757962 °	38.757480 °
				-121.591342 °	-121.591147 °
DWR ID	DWR_RD1000_01_s _ 2012_135				
Action/Comments					
Landscaping					

No Photos

LM Start	1.75	Rating **	M	Issue No.	134
LM End	1.77	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.757478 °	38.757238 °
				-121.591140 °	-121.591272 °
DWR ID	DWR_RD1000_01_s _ 2012_134				
Action/Comments					
Landscaping					

No Photos

LM Start	1.87	Rating **	M	Issue No.	133
LM End	1.89	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.755824 °	38.755585 °
				-121.591569 °	-121.591530 °
DWR ID	DWR_RD1000_01_s _ 2012_133				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA_2015_RD1000_31_133_20151103_00031.jpg



Typical Garden Hwy 'Landscaping'

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
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Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	1.94	Rating **	M	Issue No.	132
LM End	1.96	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.754848 °	38.754562 °
				-121.591742 °	-121.591795 °
DWR ID	DWR_RD1000_01_s _ 2012_132				
Action/Comments					
Landscaping					

No Photos

LM Start	2.00	Rating **	M	Issue No.	129
LM End	2.01	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.753983 °	38.753848 °
				-121.591737 °	-121.591797 °
DWR ID	DWR_RD1000_01_s _ 2012_129				
Action/Comments					
Landscaping					

No Photos

LM Start	2.10	Rating **	M	Issue No.	122
LM End	2.16	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.752540 °	38.751822 °
				-121.592563 °	-121.592857 °
DWR ID	DWR_RD1000_01_s _ 2012_122				
Action/Comments					
Landscaping					

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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Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	2.52	Rating **	M	Issue No.	121
LM End	2.67	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.747087 °	38.745127 °
				-121.595582 °	-121.596793 °
DWR ID	DWR_RD1000_01_s _ 2012_121				
Action/Comments					
Landscaping					

No Photos

LM Start	5.17	Rating **	M	Issue No.	120
LM End	5.21	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.711248 °	38.710806 °
				-121.610500 °	-121.611110 °
DWR ID	DWR_RD1000_01_s _ 2012_120				
Action/Comments					
Landscaping					

No Photos

LM Start	5.24	Rating **	M	Issue No.	119
LM End	5.28	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.710508 °	38.710132 °
				-121.611450 °	-121.611882 °
DWR ID	DWR_RD1000_01_s _ 2012_119				
Action/Comments					
Landscaping					

No Photos

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	5.62	Rating **	U	Issue No.	118
LM End	5.65	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.706456 °	38.706082
				-121.616223 °	-121.616385
DWR ID	DWR_RD1000_01_s _ 2012_118				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA_2015_RD1000_31_118_20151103_00030.jpg



This photo was taken from the crown facing downstream looking down the waterward levee slope at unacceptable landscaping. Fall 2014.

LM Start	5.97	Rating **	M	Issue No.	116
LM End	6.00	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.702742 °	38.702467 °
				-121.620557 °	-121.620947 °
DWR ID	DWR_RD1000_01_s _ 2012_116				
Action/Comments					
Landscaping					

No Photos

LM Start	6.12	Rating **	M	Issue No.	113
LM End	6.17	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.701422 °	38.700987 °
				-121.622755 °	-121.623564 °
DWR ID	DWR_RD1000_01_s _ 2012_113				
Action/Comments					
Landscaping					

No Photos

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	6.28	Rating **	U	Issue No.	111
LM End	6.32	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.699877 °	38.699575 °
				-121.624948 °	-121.625475 °
DWR ID	DWR_RD1000_01_s _ 2012_111				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA_2015_RD1000_31_111_20151103_00029.jpg



This photo was taken from the crown facing downstream looking down the waterward levee slope at unacceptable landscaping. Fall 2014.

LM Start	6.36	Rating **	M	Issue No.	68
LM End	6.40	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.699313 °	38.698978 °
				-121.626281 °	-121.626777 °
DWR ID	DWR_RD1000_01_s _ 2015_68				
Action/Comments					
Landscaping					

No Photos

LM Start	6.49	Rating **	M	Issue No.	17
LM End	6.49	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.698179 °	38.698179 °
				-121.628077 °	-121.628077 °
DWR ID	DWR_RD1000_01_s _ 2012_17				
Action/Comments					
Building					

Photo 1 of 1 : FA_2015_RD1000_31_17_20151103_00011.jpg



Newly constructed home

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	6.49	Rating **	M	Issue No.	125
LM End	6.49	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.758607 °	38.758607 °
				-121.601933 °	-121.601933 °
DWR ID	DWR_RD1000_01_s _ 2012_125				
Action/Comments					
Landscaping					

No Photos

LM Start	6.50	Rating **	M	Issue No.	109
LM End	6.53	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.697958 °	38.697773 °
				-121.628273 °	-121.628682 °
DWR ID	DWR_RD1000_01_s _ 2012_109				
Action/Comments					
Landscaping					

No Photos

LM Start	6.56	Rating **	M	Issue No.	108
LM End	6.62	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.697386 °	38.696618 °
				-121.628892 °	-121.629425 °
DWR ID	DWR_RD1000_01_s _ 2012_108				
Action/Comments					
Fence					

No Photos

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	6.67	Rating **	M	Issue No.	107
LM End	6.68	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.696010 °	38.695821 °
				-121.630007 °	-121.630142 °
DWR ID	DWR_RD1000_01_s _ 2012_107				
Action/Comments					
Landscaping					

No Photos

LM Start	6.79	Rating **	M	Issue No.	106
LM End	6.81	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.694348 °	38.694187 °
				-121.631007 °	-121.631200 °
DWR ID	DWR_RD1000_01_s _ 2012_106				
Action/Comments					
Landscaping					

No Photos

LM Start	6.81	Rating **	M	Issue No.	105
LM End	6.83	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.694192 °	38.693932 °
				-121.631203 °	-121.631470 °
DWR ID	DWR_RD1000_01_s _ 2012_105				
Action/Comments					
Landscaping					

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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Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	6.83	Rating **	M	Issue No.	104
LM End	6.87	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.693935 °	38.693412 °
				-121.631478 °	-121.631765 °
DWR ID	DWR_RD1000_01_s _ 2012_104				
Action/Comments					
Landscaping					

No Photos

LM Start	6.90	Rating **	M	Issue No.	102
LM End	6.98	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.693037 °	38.691872 °
				-121.632097 °	-121.632490 °
DWR ID	DWR_RD1000_01_s _ 2012_102				
Action/Comments					
Landscaping					

No Photos

LM Start	7.02	Rating **	M	Issue No.	100
LM End	7.09	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.691363 °	38.690367 °
				-121.632652 °	-121.632797 °
DWR ID	DWR_RD1000_01_s _ 2012_100				
Action/Comments					
Landscaping					

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 Sacramento River	Left	18.28	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	7.19	Rating **	U	Issue No.	63
LM End	7.23	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.688937 °	38.688281 °
				-121.632646 °	-121.632542 °
DWR ID	DWR_RD1000_01_s _ 2015_63				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA_2015_RD1000_31_63_20151103_00022.jpg



This photo was taken facing the waterside of the levee looking upstream.

LM Start	7.27	Rating **	M	Issue No.	98
LM End	7.27	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.687808 °	38.687808 °
				-121.632495 °	-121.632495 °
DWR ID	DWR_RD1000_01_s _ 2012_98				
Action/Comments					
Landscaping					

No Photos

LM Start	7.30	Rating **	M	Issue No.	96
LM End	7.34	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.687347 °	38.686780 °
				-121.632433 °	-121.632138 °
DWR ID	DWR_RD1000_01_s _ 2012_96				
Action/Comments					
Landscaping					

No Photos

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	7.41	Rating **	M	Issue No.	1
LM End	7.41	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.685843 °	38.685843 °
				-121.632012 °	-121.632012 °
DWR ID	DWR_RD1000_01_s _ 2012_1				
Action/Comments					
Landscaping					

No Photos

LM Start	7.56	Rating **	M	Issue No.	95
LM End	7.62	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.683620 °	38.682742 °
				-121.631180 °	-121.631190 °
DWR ID	DWR_RD1000_01_s _ 2012_95				
Action/Comments					
Landscaping					

No Photos

LM Start	7.62	Rating **	M	Issue No.	94
LM End	7.65	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.682742 °	38.682310 °
				-121.631168 °	-121.631085 °
DWR ID	DWR_RD1000_01_s _ 2012_94				
Action/Comments					
Landscaping					

No Photos

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	7.71	Rating **	M	Issue No.	93
LM End	7.76	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.681592 °	38.680837 °
				-121.630768 °	-121.630530 °
DWR ID	DWR_RD1000_01_s _ 2012_93				
Action/Comments					
Landscaping					

No Photos

LM Start	7.91	Rating **	M	Issue No.	92
LM End	8.01	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.678859 °	38.677672 °
				-121.629345 °	-121.628432 °
DWR ID	DWR_RD1000_01_s _ 2012_92				
Action/Comments					
Landscaping					

No Photos

LM Start	8.07	Rating **	M	Issue No.	91
LM End	8.08	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.676893 °	38.676747 °
				-121.627860 °	-121.627725 °
DWR ID	DWR_RD1000_01_s _ 2012_91				
Action/Comments					
Landscaping					

No Photos

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	8.11	Rating **	U	Issue No.	90
LM End	8.14	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.676425 °	38.676038 °
				-121.627462 °	-121.627063 °
DWR ID	DWR_RD1000_01_s _ 2012_90				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA_2015_RD1000_31_90_20151103_00028.jpg



This photo was taken from the crown facing downstream looking down the waterward levee slope at unacceptable landscaping. Fall 2014.

LM Start	8.14	Rating **	M	Issue No.	89
LM End	8.17	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.676040 °	38.675772 °
				-121.627063 °	-121.626785 °
DWR ID	DWR_RD1000_01_s _ 2012_89				
Action/Comments					
Landscaping					

No Photos

LM Start	8.24	Rating **	M	Issue No.	87
LM End	8.31	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.674866 °	38.674117 °
				-121.625918 °	-121.625143 °
DWR ID	DWR_RD1000_01_s _ 2012_87				
Action/Comments					
Landscaping					

No Photos

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	8.45	Rating **	M	Issue No.	86
LM End	8.47	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.672878 °	38.672603 °
				-121.623203 °	-121.622892 °
DWR ID	DWR_RD1000_01_s _ 2012_86				
Action/Comments					
Landscaping					

No Photos

LM Start	8.49	Rating **	M	Issue No.	85
LM End	8.54	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.672263 °	38.671790 °
				-121.622784 °	-121.622118 °
DWR ID	DWR_RD1000_01_s _ 2012_85				
Action/Comments					
Landscaping					

No Photos

LM Start	8.65	Rating **	M	Issue No.	84
LM End	8.74	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.670647 °	38.669790 °
				-121.620632 °	-121.619482 °
DWR ID	DWR_RD1000_01_s _ 2012_84				
Action/Comments					
Landscaping					

No Photos

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	8.83	Rating **	M	Issue No.	83
LM End	8.86	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.668898 °	38.668672
				-121.618195 °	-121.617775
DWR ID	DWR_RD1000_01_s _ 2012_83				
Action/Comments					
Landscaping					

No Photos

LM Start	8.86	Rating **	U	Issue No.	82
LM End	8.89	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.668673 °	38.668405 °
				-121.617772 °	-121.617278 °
DWR ID	DWR_RD1000_01_s _ 2012_82				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA_2015_RD1000_31_82_20151103_00027.jpg



This photo was taken from the crown facing downstream looking down the waterward levee slope at unacceptable landscaping. Fall 2014.

LM Start	8.90	Rating **	M	Issue No.	81
LM End	8.96	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.668312 °	38.667783 °
				-121.617138 °	-121.616382 °
DWR ID	DWR_RD1000_01_s _ 2012_81				
Action/Comments					
Landscaping					

No Photos

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	8.97	Rating **	M	Issue No.	80
LM End	8.98	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.667672 °	38.667552 °
				-121.616215 °	-121.616018 °
DWR ID	DWR_RD1000_01_s _ 2012_80				
Action/Comments					
Landscaping					

No Photos

LM Start	8.99	Rating **	M	Issue No.	79
LM End	9.02	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.667505 °	38.667255 °
				-121.615912 °	-121.615525 °
DWR ID	DWR_RD1000_01_s _ 2012_79				
Action/Comments					
Landscaping					

No Photos

LM Start	9.02	Rating **	M	Issue No.	78
LM End	9.04	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.667250 °	38.667028 °
				-121.615522 °	-121.615115 °
DWR ID	DWR_RD1000_01_s _ 2012_78				
Action/Comments					
Landscaping					

No Photos

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	9.06	Rating **	M	Issue No.	2
LM End	9.08	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.666821 °	38.666604 °
				-121.615019 °	-121.614672 °
DWR ID	DWR_RD1000_01_s _ 2012_2				
Action/Comments					
Fence					

Photo 1 of 2 : FA_2015_RD1000_31_2_20151103_00001.jpg



Photo of a fence on the waterside of the levee facing upstream.

LM Start	9.06	Rating **	M	Issue No.	2 (cont)
LM End	9.08	Issue Type +	En	Location *	WS

Photo 2 of 2 : FA_2015_RD1000_31_2_20151103_00002.jpg



This photo was taken from the crown facing upstream looking down the waterward levee slope at an unacceptable fence. Fall 2014.

LM Start	10.72	Rating **	U	Issue No.	74
LM End	10.76	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.648127 °	38.647663 °
				-121.595872 °	-121.595483 °
DWR ID	DWR_RD1000_01_s _ 2012_74				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA_2015_RD1000_31_74_20151103_00025.jpg



This photo was taken from the crown facing downstream looking down the waterward levee slope at unacceptable landscaping. Fall 2014.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	10.78	Rating **	U	Issue No.	73
LM End	10.83	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.647373 °	38.646825 °
				-121.595248 °	-121.594800 °
DWR ID	DWR_RD1000_01_s _ 2012_73				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA_2015_RD1000_31_73_20151103_00024.jpg



This photo was taken from the crown facing downstream looking down the waterward levee slope at unacceptable landscaping. Fall 2014.

LM Start	11.06	Rating **	M	Issue No.	72
LM End	11.13	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.644548 °	38.644302 °
				-121.591768 °	-121.590572 °
DWR ID	DWR_RD1000_01_s _ 2012_72				
Action/Comments					
Landscaping					

No Photos

LM Start	11.28	Rating **	U	Issue No.	70
LM End	11.33	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.644392 °	38.644702 °
				-121.587852 °	-121.586992 °
DWR ID	DWR_RD1000_01_s _ 2012_70				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA_2015_RD1000_31_70_20151103_00023.jpg



This photo was taken from the crown facing downstream looking down the waterward levee slope at unacceptable landscaping. Fall 2014.

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	11.66	Rating **	M	Issue No.	69
LM End	11.70	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.647392 °	38.647773 °
				-121.581946 °	-121.581423 °
DWR ID	DWR_RD1000_01_s _ 2012_69				
Action/Comments					
Landscaping					

No Photos

LM Start	11.81	Rating **	A	Issue No.	12
LM End	11.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.648797 °	38.648797 °
				-121.579782 °	-121.579782 °
DWR ID	DWR_RD1000_01_f _ 2015_12				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : FA_2015_RD1000_31_12_20151112_00036.jpg



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

LM Start	12.12	Rating **	M	Issue No.	67
LM End	12.23	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.650419 °	38.650198 °
				-121.574541 °	-121.572531 °
DWR ID	DWR_RD1000_01_s _ 2012_67				
Action/Comments					
Landscaping					

No Photos

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	12.24	Rating **	M	Issue No.	66
LM End	12.33	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.650245 °	38.653208 °
				-121.572188 °	-121.573895 °
DWR ID	DWR_RD1000_01_s _ 2012_66				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA_2015_RD1000_31_66_20151112_00035.jpg



View of the landscaping on the waterside levee slope.

LM Start	12.35	Rating **	M	Issue No.	65
LM End	12.44	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.649560 °	38.651785 °
				-121.570438 °	-121.571670 °
DWR ID	DWR_RD1000_01_s _ 2012_65				
Action/Comments					
Landscaping					

No Photos

LM Start	12.39	Rating **	U	Issue No.	62
LM End	12.44	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.649253 °	38.648895 °
				-121.569815 °	-121.569043 °
DWR ID	DWR_RD1000_01_s _ 2012_62				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA_2015_RD1000_31_62_20151103_00021.jpg



This photo was taken from the crown facing downstream looking down the waterward levee slope at unacceptable landscaping. Fall 2014.

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	12.44	Rating **	M	Issue No.	61
LM End	12.47	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.648897 °	38.648588 °
				-121.569030 °	-121.568467 °
DWR ID	DWR_RD1000_01_s _ 2012_61				
Action/Comments					
Landscaping					

No Photos

LM Start	12.52	Rating **	U	Issue No.	60
LM End	12.56	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.648172 °	38.647738 °
				-121.567843 °	-121.567167 °
DWR ID	DWR_RD1000_01_s _ 2012_60				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA_2015_RD1000_31_60_20151103_00020.jpg



This photo was taken from the crown facing downstream looking down the waterward levee slope at unacceptable landscaping. Fall 2014.

LM Start	12.57	Rating **	M	Issue No.	59
LM End	12.65	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.647665 °	38.646812 °
				-121.567045 °	-121.566135 °
DWR ID	DWR_RD1000_01_s _ 2012_59				
Action/Comments					
Landscaping					

No Photos

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	12.68	Rating **	U	Issue No.	58
LM End	12.72	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.646400 °	38.645926 °
				-121.565695 °	-121.565297 °
DWR ID	DWR_RD1000_01_s _ 2012_58				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA_2015_RD1000_31_58_20151103_00019.jpg



This photo was taken from the crown facing downstream looking down the waterward levee slope at unacceptable landscaping. Fall 2014.

LM Start	12.88	Rating **	M	Issue No.	56
LM End	12.88	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.644028 °	38.644028 °
				-121.563823 °	-121.563823 °
DWR ID	DWR_RD1000_01_s _ 2012_56				
Action/Comments					
Landscaping					

No Photos

LM Start	12.91	Rating **	M	Issue No.	55
LM End	12.93	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.643527 °	38.643378 °
				-121.563518 °	-121.563402 °
DWR ID	DWR_RD1000_01_s _ 2012_55				
Action/Comments					
Landscaping					

No Photos

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	12.93	Rating **	M	Issue No.	54
LM End	12.94	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.643380 °	38.643275 °
				-121.563400 °	-121.563307 °
DWR ID	DWR_RD1000_01_s _ 2012_54				
Action/Comments					
Fence					

No Photos

LM Start	13.05	Rating **	M	Issue No.	52
LM End	13.09	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.641620 °	38.641113 °
				-121.562753 °	-121.562557 °
DWR ID	DWR_RD1000_01_s _ 2012_52				
Action/Comments					
Landscaping					

No Photos

LM Start	13.13	Rating **	M	Issue No.	956
LM End	17.33	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.640469 °	38.605560 °
				-121.562502 °	-121.528054 °
DWR ID	DWR_RD1000_01_s _ 2012_956				
Action/Comments					
Ditch					

No Photos

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	13.15	Rating **	U	Issue No.	51
LM End	13.20	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.640205 °	38.639540 °
				-121.562370 °	-121.562238 °
DWR ID	DWR_RD1000_01_s _ 2012_51				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA_2015_RD1000_31_51_20151112_00034.jpg



View of the landscaping on the waterside levee slope.

LM Start	13.26	Rating **	M	Issue No.	50
LM End	13.30	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.638668 °	38.638065 °
				-121.562085 °	-121.562015 °
DWR ID	DWR_RD1000_01_s _ 2012_50				
Action/Comments					
Landscaping					

No Photos

LM Start	13.30	Rating **	M	Issue No.	49
LM End	13.33	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.638067 °	38.637600 °
				-121.562013 °	-121.561932 °
DWR ID	DWR_RD1000_01_s _ 2012_49				
Action/Comments					
Landscaping					

No Photos

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	13.33	Rating **	M	Issue No.	48
LM End	13.37	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.637602 °	38.637060 °
				-121.561930 °	-121.561833 °
DWR ID	DWR_RD1000_01_s _ 2012_48				
Action/Comments					
Landscaping					

No Photos

LM Start	13.37	Rating **	M	Issue No.	47
LM End	13.41	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.637052 °	38.636527 °
				-121.561833 °	-121.561743 °
DWR ID	DWR_RD1000_01_s _ 2012_47				
Action/Comments					
Landscaping					

No Photos

LM Start	13.41	Rating **	M	Issue No.	46
LM End	13.43	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.636522 °	38.636250 °
				-121.561743 °	-121.561667 °
DWR ID	DWR_RD1000_01_s _ 2012_46				
Action/Comments					
Landscaping					

No Photos

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	13.47	Rating **	M	Issue No.	45
LM End	13.49	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.635638 °	38.635387 °
				-121.561570 °	-121.561497 °
DWR ID	DWR_RD1000_01_s _ 2012_45				
Action/Comments					
Landscaping					

No Photos

LM Start	13.52	Rating **	M	Issue No.	44
LM End	13.55	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.634951 °	38.634531 °
				-121.561454 °	-121.561367 °
DWR ID	DWR_RD1000_01_s _ 2012_44				
Action/Comments					
Landscaping					

No Photos

LM Start	13.64	Rating **	U	Issue No.	43
LM End	13.68	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.633238 °	38.632590 °
				-121.561097 °	-121.560915 °
DWR ID	DWR_RD1000_01_s _ 2012_43				
Action/Comments					
Fence					

Photo 1 of 1 : FA_2015_RD1000_31_43_20151103_00017.jpg



This photo was taken from the crown facing downstream looking down the waterward levee slope at an unacceptable fence. Fall 2014.

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	13.98	Rating **	U	Issue No.	42
LM End	14.01	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.628300 °	38.627873 °
				-121.560180 °	-121.560202 °
DWR ID	DWR_RD1000_01_s _ 2012_42				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA_2015_RD1000_31_42_20151103_00016.jpg



This photo was taken from the crown facing downstream looking down the waterward levee slope at unacceptable landscaping. Fall 2014.

LM Start	14.03	Rating **	U	Issue No.	40
LM End	14.17	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.627543 °	38.625614 °
				-121.560111 °	-121.560245 °
DWR ID	DWR_RD1000_01_s _ 2015_40				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA_2015_RD1000_31_40_20151103_00015.jpg



This photo was taken from the crown facing downstream looking down the waterward levee slope at unacceptable landscaping. Fall 2014.

LM Start	14.25	Rating **	M	Issue No.	57
LM End	14.27	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.624446 °	38.624073 °
				-121.560337 °	-121.560346 °
DWR ID	DWR_RD1000_01_s _ 2015_57				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	14.28	Rating **	M	Issue No.	41
LM End	14.32	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.624001 °	38.626863 °
				-121.560348 °	-121.561015 °
DWR ID	DWR_RD1000_01_s _ 2012_41				
Action/Comments					
Landscaping					

No Photos

LM Start	14.55	Rating **	M	Issue No.	38
LM End	14.58	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.620077 °	38.619630 °
				-121.560120 °	-121.560067 °
DWR ID	DWR_RD1000_01_s _ 2012_38				
Action/Comments					
Landscaping					

No Photos

LM Start	14.61	Rating **	M	Issue No.	53
LM End	14.61	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.619219 °	38.619219 °
				-121.560130 °	-121.560130 °
DWR ID	DWR_RD1000_01_s _ 2015_53				
Action/Comments					
Building					

Photo 1 of 1 : FA_2015_RD1000_31_53_20151103_00018.jpg



View of storage container from the landside of the crown facing the waterside of the levee.

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	14.62	Rating **	M	Issue No.	37
LM End	14.66	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.619112 °	38.618493 °
				-121.560113 °	-121.560070 °
DWR ID	DWR_RD1000_01_s _ 2012_37				
Action/Comments					
Landscaping					

No Photos

LM Start	14.68	Rating **	A/W	Issue No.	36
LM End	14.68	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.618163 °	38.618163 °
				-121.560113 °	-121.560113 °
DWR ID	DWR_RD1000_01_s _ 2012_36				
Action/Comments					
Landscaping					

No Photos

LM Start	14.69	Rating **	M	Issue No.	35
LM End	14.77	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.617972 °	38.616835 °
				-121.560044 °	-121.559807 °
DWR ID	DWR_RD1000_01_s _ 2012_35				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA_2015_RD1000_31_35_20151112_00033.jpg



View of the landscaping on the waterside levee slope.

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	15.08	Rating **	M	Issue No.	34
LM End	15.13	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.612555 °	38.611900
				-121.558258 °	-121.558303
DWR ID	DWR_RD1000_01_s_2012_34				
Action/Comments					
Landscaping					

No Photos

LM Start	15.09	Rating **	M	Issue No.	76
LM End	15.09	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.612340 °	38.612340 °
				-121.558633 °	-121.558633 °
DWR ID	DWR_RD1000_01_f_2012_76				
Action/Comments					
Building					

Photo 1 of 1 : FA_2015_RD1000_31_76_20151103_00026.jpg



Cargo container on levee shoulder, the property appears to be on fill material.

LM Start	15.21	Rating **	M	Issue No.	33
LM End	15.23	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.610787 °	38.610455 °
				-121.557817 °	-121.557638 °
DWR ID	DWR_RD1000_01_s_2012_33				
Action/Comments					
Fence					

No Photos

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	15.25	Rating **	M	Issue No.	32
LM End	15.27	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.610180 °	38.609908 °
				-121.557453 °	-121.557328 °
DWR ID	DWR_RD1000_01_s _ 2012_32				
Action/Comments					
Fence					

No Photos

LM Start	15.29	Rating **	U	Issue No.	31
LM End	15.32	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.609743 °	38.609315 °
				-121.557252 °	-121.557000 °
DWR ID	DWR_RD1000_01_s _ 2012_31				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA_2015_RD1000_31_31_20151103_00014.jpg



This photo was taken from the crown facing downstream looking down the waterward levee slope at unacceptable landscaping. Fall 2014.

LM Start	15.44	Rating **	U	Issue No.	30
LM End	15.48	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.607715 °	38.607345 °
				-121.555847 °	-121.555538 °
DWR ID	DWR_RD1000_01_s _ 2012_30				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA_2015_RD1000_31_30_20151103_00013.jpg



This photo was taken from the crown facing down stream looking down the waterward levee slope at unacceptable landscaping. Fall 2014.

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	15.49	Rating **	U	Issue No.	29
LM End	15.57	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.607207 °	38.606255 °
				-121.555465 °	-121.554582 °
DWR ID	DWR_RD1000_01_s _ 2012_29				
Action/Comments					
Fence					

Photo 1 of 1 : FA_2015_RD1000_31_29_20151103_00012.jpg



This photo was taken from the crown facing downstream looking down the waterward levee slope at an unacceptable fence. Fall 2014.

LM Start	15.59	Rating **	M	Issue No.	28
LM End	15.61	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.605915 °	38.605687 °
				-121.554290 °	-121.554070 °
DWR ID	DWR_RD1000_01_s _ 2012_28				
Action/Comments					
Landscaping					

No Photos

LM Start	15.62	Rating **	M	Issue No.	27
LM End	15.65	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.605585 °	38.605273 °
				-121.553983 °	-121.553663 °
DWR ID	DWR_RD1000_01_s _ 2012_27				
Action/Comments					
Landscaping					

No Photos

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	15.65	Rating **	M	Issue No.	26
LM End	15.67	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.605265 °	38.605032 °
				-121.553647 °	-121.553437 °
DWR ID	DWR_RD1000_01_s _ 2012_26				
Action/Comments					
Landscaping					

No Photos

LM Start	15.67	Rating **	M	Issue No.	25
LM End	15.71	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.605002 °	38.604598 °
				-121.553413 °	-121.553008 °
DWR ID	DWR_RD1000_01_s _ 2012_25				
Action/Comments					
Landscaping					

No Photos

LM Start	15.84	Rating **	M	Issue No.	23
LM End	15.85	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.603083 °	38.602943 °
				-121.551690 °	-121.551593 °
DWR ID	DWR_RD1000_01_s _ 2012_23				
Action/Comments					
Landscaping					

No Photos

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	15.85	Rating **	M	Issue No.	22
LM End	15.87	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.602870 °	38.602617 °
				-121.551598 °	-121.551330 °
DWR ID	DWR_RD1000_01_s _ 2015_22				
Action/Comments					
Landscaping					

No Photos

LM Start	15.88	Rating **	M	Issue No.	21
LM End	15.90	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.602517 °	38.602373 °
				-121.551248 °	-121.550963 °
DWR ID	DWR_RD1000_01_s _ 2012_21				
Action/Comments					
Landscaping					

No Photos

LM Start	15.94	Rating **	M	Issue No.	20
LM End	15.96	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.601977 °	38.601678 °
				-121.550473 °	-121.550142 °
DWR ID	DWR_RD1000_01_s _ 2012_20				
Action/Comments					
Fence					

No Photos

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	16.03	Rating **	M	Issue No.	19
LM End	16.06	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.600988 °	38.600665 °
				-121.549198 °	-121.548795 °
DWR ID	DWR_RD1000_01_s _ 2012_19				
Action/Comments					
Landscaping					

No Photos

LM Start	16.58	Rating **	M	Issue No.	16
LM End	16.63	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.602328 °	38.602688 °
				-121.540788 °	-121.540157 °
DWR ID	DWR_RD1000_01_s _ 2012_16				
Action/Comments					
Fence					

No Photos

LM Start	16.63	Rating **	M	Issue No.	15
LM End	16.67	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.602693 °	38.603092 °
				-121.540165 °	-121.539490 °
DWR ID	DWR_RD1000_01_s _ 2012_15				
Action/Comments					
Fence					

No Photos

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	16.68	Rating **	M	Issue No.	14
LM End	16.72	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.603242 °	38.603597 °
				-121.539318 °	-121.538875 °
DWR ID	DWR_RD1000_01_s _ 2012_14				
Action/Comments					
Fence					

No Photos

LM Start	16.78	Rating **	M	Issue No.	13
LM End	16.89	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.604188 °	38.604890 °
				-121.538027 °	-121.536105 °
DWR ID	DWR_RD1000_01_s _ 2012_13				
Action/Comments					
Fence					

No Photos

LM Start	17.34	Rating **	M	Issue No.	11
LM End	17.44	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.605645 °	38.605542 °
				-121.527902 °	-121.526112 °
DWR ID	DWR_RD1000_01_s _ 2012_11				
Action/Comments					
Fence					

No Photos

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	17.47	Rating **	U	Issue No.	10
LM End	17.52	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.605482 °	38.605447 °
				-121.525492 °	-121.524678 °
DWR ID	DWR_RD1000_01_s _ 2012_10				
Action/Comments					
Building					

Photo 1 of 1 : FA_2015_RD1000_31_10_20151103_00010.jpg



This photo was taken from the crown facing downstream looking down the waterward levee slope at an unacceptable building. Fall 2014.

LM Start	17.52	Rating **	U	Issue No.	8
LM End	17.61	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.605445 °	38.605305 °
				-121.524675 °	-121.522958 °
DWR ID	DWR_RD1000_01_s _ 2012_8				
Action/Comments					
Building					

Photo 1 of 1 : FA_2015_RD1000_31_8_20151103_00008.jpg



This photo was taken from the crown facing downstream looking down the waterward levee slope at an unacceptable building. Fall 2014.

LM Start	17.53	Rating **	U	Issue No.	9
LM End	17.56	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.605420 °	38.605462 °
				-121.524375 °	-121.523852 °
DWR ID	DWR_RD1000_01_s _ 2012_9				
Action/Comments					
Building					

Photo 1 of 1 : FA_2015_RD1000_31_9_20151103_00009.jpg



This photo was taken from the crown facing upstream looking down the landward levee slope at an unacceptable building. Fall 2014.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	17.61	Rating **	U	Issue No.	7
LM End	17.64	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.605300 °	38.605200 °
				-121.522957 °	-121.522422 °
DWR ID	DWR_RD1000_01_s_2012_7				
Action/Comments					
Building					

Photo 1 of 1 : FA_2015_RD1000_31_7_20151103_00007.jpg



This photo was taken from the crown facing downstream looking down the waterward levee slope at an unacceptable building. Fall 2014.

LM Start	17.79	Rating **	U	Issue No.	6
LM End	17.79	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.604788 °	38.604788 °
				-121.519720 °	-121.519720 °
DWR ID	DWR_RD1000_01_s_2012_6				
Action/Comments					
Building					

Photo 1 of 1 : FA_2015_RD1000_31_6_20151103_00006.jpg



This photo was taken from the crown facing upstream looking down the waterward levee slope at an unacceptable building. Fall 2014.

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	17.80	Rating **	U	Issue No.	5
LM End	17.87	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.604758 °	38.604532 °
				-121.519610 °	-121.518190 °
DWR ID	DWR_RD1000_01_s_2012_5				
Action/Comments					
Building					

Photo 1 of 1 : FA_2015_RD1000_31_5_20151103_00005.jpg



This photo was taken from the crown facing downstream looking down the waterward levee slope at an unacceptable building. Fall 2014.

LM Start	17.90	Rating **	U	Issue No.	4
LM End	18.08	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.604515 °	38.603918 °
				-121.517635 °	-121.514370 °
DWR ID	DWR_RD1000_01_s_2012_4				
Action/Comments					
Building					

Photo 1 of 1 : FA_2015_RD1000_31_4_20151103_00004.jpg



This photo was taken from the crown facing downstream looking down the waterward levee slope at an unacceptable building. Fall 2014.

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

Unit Cover Sheet

Fall 2015 Levee Inspection Results

Reclamation District No. 1000 Natomas

Waterway			Bank	Unit Miles
Unit No. 02 American River			Right	2.32
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	04/03/2015 - 04/03/2015		11/03/2015 - 11/03/2015	
DWR Inspector	Michael Pitta		Maksim Khashchuk	
Accompanied By			Don Caldwell RD1000	

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

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 American River	Right	2.32	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	0.56	Rating **	M	Issue No.	1
LM End	2.32	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.607549 °	38.605980 °
				-121.501797 °	-121.470627 °
DWR ID	DWR_RD1000_02_s_2012_1				
Action/Comments					
Urban					

Photo 1 of 3 : FA_2015_RD1000_32_1_20151103_00001.jpg



Levee mile 0.56. This photo is looking upstream from the waterside levee shoulder to the landside shoulder.

LM Start	0.56	Rating **	M	Issue No.	1 (cont)
LM End	2.32	Issue Type +	En	Location *	LS

Photo 2 of 3 : FA_2015_RD1000_32_1_20151103_00002.jpg



Taken on the landside facing the waterside looking downstream.

LM Start	0.56	Rating **	M	Issue No.	1 (cont)
LM End	2.32	Issue Type +	En	Location *	LS

Photo 3 of 3 : FA_2015_RD1000_32_1_20151103_00003.jpg



Landside encroachment, landscaping, levee mile 1.68.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 American River	Right	2.32	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	1.54	Rating **	M	Issue No.	2
LM End	1.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.607978 °	38.607713 °
				-121.483858 °	-121.482524 °
DWR ID	DWR_RD1000_02_s _ 2014_2				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

Photo 1 of 1 : FA_2015_RD1000_32_2_20151112_00005.jpg



View of the trees on the landside levee slope.

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

Unit Cover Sheet

Fall 2015 Levee Inspection Results

Reclamation District No. 1000 Natomas

Waterway			Bank	Unit Miles
Unit No. 03 Natomas East Canal			Right	16.93
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	04/03/2015 - 04/03/2015		11/03/2015 - 11/03/2015	
DWR Inspector	Michael Pitta		Maksim Khashchuk	
Accompanied By			Don Caldwell RD1000	

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

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Natomas East Canal	Right	16.93	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	0.09	Rating **	M	Issue No.	7
LM End	0.14	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.606882 °	38.607523 °
				-121.469480 °	-121.469033 °
DWR ID	DWR_RD1000_03_s _ 2012_7				
Action/Comments					
Landscaping					

Photo 1 of 2 : FA_2015_RD1000_33_7_20151103_00005.jpg



Taken facing the landside looking downstream.

LM Start	0.09	Rating **	M	Issue No.	7 (cont)
LM End	0.14	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA_2015_RD1000_33_7_20151103_00006.jpg



Fence with vegetation at L/S toe.

LM Start	0.23	Rating **	A/W	Issue No.	20
LM End	0.23	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.608814 °	38.608814 °
				-121.468469 °	-121.468469 °
DWR ID	DWR_RD1000_03_f _ 2015_20				
Action/Comments					
Repair the levee slope damaged by foot traffic and prevent access where possible.					

No Photos

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Natomas East Canal	Right	16.93	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	0.31	Rating **	M	Issue No.	5
LM End	0.33	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.609865 °	38.610162 °
				-121.468183 °	-121.468122 °
DWR ID	DWR_RD1000_03_s _ 2012_5				
Action/Comments					
Fence					

No Photos

LM Start	0.38	Rating **	M	Issue No.	19
LM End	0.38	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.610854 °	38.610854 °
				-121.467961 °	-121.467961 °
DWR ID	DWR_RD1000_03_f _ 2015_19				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

Photo 1 of 2 : FA_2015_RD1000_33_19_20151112_00014.jpg



View of the rodent on the waterside levee slope ready to retreat into the den, penetrating the levee prism.

LM Start	0.38	Rating **	M	Issue No.	19 (cont)
LM End	0.38	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2015_RD1000_33_19_20151112_00015.jpg



View of the rodent holes on the waterside levee slope.

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Natomas East Canal	Right	16.93	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	0.53	Rating **	M	Issue No.	4
LM End	0.58	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.613077 °	38.613700 °
				-121.468133 °	-121.468263 °
DWR ID	DWR_RD1000_03_s _ 2012_4				
Action/Comments					
Fence					

No Photos

LM Start	1.44	Rating **	A/W	Issue No.	18
LM End	1.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.626111 °	38.626111 °
				-121.470575 °	-121.470575 °
DWR ID	DWR_RD1000_03_f _ 2015_18				
Action/Comments					
Repair the levee slope damaged by foot traffic and prevent access where possible.					

No Photos

LM Start	2.10	Rating **	M	Issue No.	17
LM End	2.24	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.635597 °	38.637610 °
				-121.472389 °	-121.472774 °
DWR ID	DWR_RD1000_03_f _ 2015_17				
Action/Comments					
Fence					

No Photos

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Natomas East Canal	Right	16.93	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	2.36	Rating **	M	Issue No.	15
LM End	2.36	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.639326 °	38.639326 °
				-121.473107 °	-121.473107 °
DWR ID	DWR_RD1000_03_f _ 2015_15				
Action/Comments					
Repair the levee slope damaged by foot traffic and prevent access where possible.					

Photo 1 of 1 : FA_2015_RD1000_33_15_20151112_00013.jpg



View of the landside levee slope damaged by foot traffic.

LM Start	2.74	Rating **	A/W	Issue No.	16
LM End	2.74	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.644796 °	38.644796 °
				-121.474135 °	-121.474135 °
DWR ID	DWR_RD1000_03_f_2015_16				
Action/Comments					
Repair the levee slope damaged by foot traffic and prevent access where possible.					

No Photos

LM Start	3.01	Rating **	M	Issue No.	3
LM End	3.07	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.648677 °	38.649412 °
				-121.474882 °	-121.475005 °
DWR ID	DWR_RD1000_03_s_2012_3				
Action/Comments					
Fence					

Photo 1 of 1 : FA_2015_RD1000_33_3_20151103_00004.jpg



Fence within 10' of L/S toe.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Natomas East Canal	Right	16.93	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	3.29	Rating **	A/W	Issue No.	12
LM End	3.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.652670 °	38.652670 °
				-121.475588 °	-121.475588 °
DWR ID	DWR_RD1000_03_s_2015_12				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA_2015_RD1000_33_12_20151103_00010.jpg



This photo was taken looking at the landside facing downstream.

LM Start	4.78	Rating **	A/W	Issue No.	1
LM End	4.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.672913 °	38.673685 °
				-121.481364 °	-121.483115 °
DWR ID	DWR_RD1000_03_f_2013_1				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

Photo 1 of 3 : FA_2015_RD1000_33_1_20151103_00001.jpg



Updated view taken facing the landside looking upstream. Rodent holes have been filled and no new activity was observed.

LM Start	4.78	Rating **	A/W	Issue No.	1 (cont)
LM End	4.89	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : FA_2015_RD1000_33_1_20151103_00002.jpg



This photo was taken from the crown facing south looking down the landward slope at a rodent hole requiring maintenance. Spring 2014.

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Natomas East Canal	Right	16.93	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	4.78	Rating **	A/W	Issue No.	1 (cont)
LM End	4.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.672913 °	38.673685 °
				-121.481364 °	-121.483115 °
DWR ID	DWR_RD1000_03_f_2013_1				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

Photo 3 of 3 : FA_2015_RD1000_33_1_20151103_00003.jpg



This photo was taken from the levee crown looking down the landward slope at a squirrel poking its head out of a hole.

LM Start	5.24	Rating **	C	Issue No.	11
LM End	5.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.677913 °	38.677913 °
				-121.485477 °	-121.485477 °
DWR ID	DWR_RD1000_03_s_2015_11				
Action/Comments					
Tree or limb					

No Photos

LM Start	5.96	Rating **	M	Issue No.	14
LM End	5.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.688281 °	38.688281 °
				-121.485553 °	-121.485553 °
DWR ID	DWR_RD1000_03_f_2015_14				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Natomas East Canal	Right	16.93	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	6.27	Rating **	M	Issue No.	8
LM End	6.36	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.692847 °	38.694141 °
				-121.485595 °	-121.485596 °
DWR ID	DWR_RD1000_03_f_2015_8				
Action/Comments					
Fence					

No Photos

LM Start	6.42	Rating **	M	Issue No.	6
LM End	6.42	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.694927 °	38.694927 °
				-121.485603 °	-121.485603 °
DWR ID	DWR_RD1000_03_f_2015_6				
Action/Comments					
Prunings					

No Photos

LM Start	6.96	Rating **	M	Issue No.	2
LM End	6.96	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.702801 °	38.702801 °
				-121.485652 °	-121.485652 °
DWR ID	DWR_RD1000_03_f_2015_2				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA_2015_RD1000_33_2_20151112_00012.jpg



View of the landscaping at the landside levee toe.

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Natomas East Canal	Right	16.93	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	12.41	Rating **	M	Issue No.	10
LM End	12.46	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.779037 °	38.779505 °
				-121.500397 °	-121.500955 °
DWR ID	DWR_RD1000_03_s _ 2012_10				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA_2015_RD1000_33_10_20151103_00008.jpg



WS vegetation.

LM Start	12.42	Rating **	M	Issue No.	13
LM End	12.42	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.779083 °	38.779083 °
				-121.500392 °	-121.500392 °
DWR ID	DWR_RD1000_03_s _ 2012_13				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA_2015_RD1000_33_13_20151103_00011.jpg



LS landscaping.

LM Start	15.25	Rating **	M	Issue No.	9
LM End	15.79	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.816259 °	38.823314 °
				-121.522787 °	-121.526942 °
DWR ID	DWR_RD1000_03_s _ 2012_9				
Action/Comments					
Ditch					

Photo 1 of 1 : FA_2015_RD1000_33_9_20151103_00007.jpg



LS Ag ditch at the LS toe.

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

Unit Cover Sheet

Fall 2015 Levee Inspection Results

Reclamation District No. 1000 Natomas

Waterway			Bank	Unit Miles
Unit No. 04 Natomas Cross Canal			Left	4.30
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	04/03/2015 - 04/03/2015		11/03/2015 - 11/03/2015	
DWR Inspector	Michael Pitta		Maksim Khashchuk	
Accompanied By			Don Caldwell RD1000	

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

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Natomas Cross Canal	Left	4.30	11/03/2015 11/03/2015	Maksim Khashchuk

LM Start	0.19	Rating **	A	Issue No.	1
LM End	4.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.818972 °	38.781306 °
				-121.546581 °	-121.603435 °
DWR ID	DWR_RD1000_04_f _ 2015_1				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : FA_2015_RD1000_34_1_20151112_00001.jpg



View of the acceptable vegetation control 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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