

**Flood Control Project Maintenance
Levee Inspections**

Fall 2018 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					2.35	0.77		
Trim / Thin Trees	0.02		0.02	0.05%				
Encroachments					5.73	0.37		
Slope Stability	0.03		0.03	0.07%				
<i>Supplemental</i>								
DWR UCIP Field Study					0.12			
<i>LMA Totals:</i>	0.05	0.00	0.05	0.12%	8.20	1.14	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					2.23	0.77		
Trim / Thin Trees	0.02		0.02	0.11%				
Encroachments					4.20	0.31		
<i>Unit Totals:</i>	0.02	0.00	0.02	0.11%	6.43	1.08	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
No Items								
<i>Unit Totals:</i>	0.00	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			
Encroachments					1.53	0.06		
Slope Stability	0.03		0.03	0.18%				
<i>Unit Totals:</i>	0.03	0.00	0.03	0.18%	1.65	0.06	0.00	0.00
Unit No. 04 Natomas Cross Canal LB	Overall Unit Rating	Total Unit Miles						
RD1000	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
<i>Supplemental</i>								
DWR UCIP Field Study					0.12			
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.12	0.00	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections****LMA District Cover Sheet
Fall 2018 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 2018 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	3/14/2018 - 3/14/2018		10/4/2018 - 10/8/2018	
DWR Inspector	Sterling York		Sterling York	
Accompanied By	Don Caldwell RD1000		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 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	10/04/2018 10/08/2018	Sterling York

LM Start		Rating **	A	Issue No.	18
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
DWR ID	DWR_RD1000_01_f_2014_18				
Comment Code					
Inspector Comment					
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 *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
DWR ID	DWR_RD1000_01_f_2014_24				
Comment Code					
Inspector Comment					
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 *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			°	°
DWR ID	DWR_RD1000_01_f_2014_39				
Comment Code					
Inspector Comment					
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 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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	10/04/2018 10/08/2018	Sterling York

LM Start	0.00	Rating **	A	Issue No.	6
LM End	11.94	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.780453 °	38.649883 °
				-121.603402 °	-121.577773 °
DWR ID	DWR_RD1000_01_f_2018_6				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual Vegetation is well maintained, Fall 2018.					

Photo 1 of 1 : FA_2018_RD1000_31_6_20181022_00048.jpg



View looking upstream waterside of the well maintained vegetation, Fall 2018.

LM Start	0.00	Rating **	A	Issue No.	3
LM End	11.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.780453 °	38.649883 °
				-121.603402 °	-121.577772 °
DWR ID	DWR_RD1000_01_f_2018_3				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual Vegetation is well maintained, Fall 2018.					

Photo 1 of 1 : FA_2018_RD1000_31_3_20181022_00047.jpg



View looking upstream landside of the well maintained vegetation, Fall 2018.

LM Start	1.63	Rating **	M	Issue No.	136
LM End	1.69	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.759320 °	38.758415 °
				-121.591343 °	-121.591348 °
DWR ID	DWR_RD1000_01_s_2012_136				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : FA_2018_RD1000_31_136_20180918_00046.jpg



View of an encroachment, 'Fence'.

* 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 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	10/04/2018 10/08/2018	Sterling York

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA_2018_RD1000_31_133_20180918_00045.jpg



Typical Garden Hwy 'Landscaping'.

* 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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Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	10/04/2018 10/08/2018	Sterling York

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

LM Start	2.00	Rating **	U	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				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscape vegetation is blocking access and visibility to the levee.					

A photograph showing a paved road curving through a grassy field. In the background, there is a dense line of trees and a house partially visible. A date stamp '09/14/2010' is present in the bottom right corner of the image.

View looking upstream waterside of landscape vegetation that is blocking access and visibility to the levee.

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscape vegetation is blocking access and visibility to the levee.					

View looking upstream waterside of landscape vegetation that is blocking access and visibility to the levee.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	10/04/2018 10/08/2018	Sterling York

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscape vegetation is blocking access and visibility to the levee.					

Photo 1 of 1 : FA_2018_RD1000_31_121_20180918_00042.jpg



View looking upstream waterside of landscape vegetation that is blocking access and visibility to the levee.

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA_2018_RD1000_31_120_20180918_00041.jpg



Typical landscape vegetation along the waterside in front of residences.

*** 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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	10/04/2018 10/08/2018	Sterling York

LM Start	5.21	Rating **	A/W	Issue No.	4
LM End	5.21	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.710830°	38.710830°
				-121.611100°	-121.611100°
DWR ID	DWR_RD1000_01_f_2017_4				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:45					
Site Designation:LMA-12					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:6/6/2017					
Notes: private residence					

LM Start	5.21	Rating **	A/W	Issue No.	4 (cont)
LM End	5.21	Issue Type +	Ma	Location *	

Photo 1 of 3 : LEVAL_FA_2018_45_1257.jpg



Photo 2 of 3 : LEVAL_FA_2018_45_1259.jpg



* 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 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	10/04/2018 10/08/2018	Sterling York

LM Start	5.21	Rating **	A/W	Issue No.	4 (cont)
LM End	5.21	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.710830°	38.710830°
				-121.611100°	-121.611100°
DWR ID	DWR_RD1000_01_f_2017_4				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:45					
Site Designation:LMA-12					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:6/6/2017					
Notes: private residence					

Photo 3 of 3 : LEVAL_FA_2018_45_1261.jpg



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				
Comment Code					
V6 : Landscaping					
Inspector Comment					

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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Reclamation District No. 1000 Natomas

View looking at waterside landscape vegetation that is blocking access and visibility to the levee.

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	10/04/2018 10/08/2018	Sterling York

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscape vegetation is blocking access and visibility to the levee.					

Photo 1 of 1 : FA_2018_RD1000_31_113_20180918_00038.jpg



View looking at waterside landscape vegetation that is blocking access and visibility to the levee.

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					
The landscape vegetation prevents the ability to see waterside slope and will make it difficult to access if a flood fight is needed.					

Photo 1 of 1 : FA_2018_RD1000_31_111_20180918_00037.jpg



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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	10/04/2018 10/08/2018	Sterling York

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Vegetation is blocking visibility and access, Fall 2018.					

Photo 1 of 1 : FA_2018_RD1000_31_68_20181113_00051.jpg



View at landscape vegetation that is blocking visibility and access, Fall 2018.

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					

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 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	10/04/2018 10/08/2018	Sterling York

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					

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 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	10/04/2018 10/08/2018	Sterling York

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

LM Start	7.19	Rating **	C	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				
Comment Code					
V6 : Landscaping					
Inspector Comment					
The landscape vegetation has been removed and visibility restored, Fall 2018.					

No Photos

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					

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 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	10/04/2018 10/08/2018	Sterling York

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscape vegetation is blocking access and visibility to the levee.					

Photo 1 of 1 : FA_2018_RD1000_31_95_20180918_00035.jpg



View looking at waterside landscape vegetation that is blocking access and visibility to the levee.

* 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 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	10/04/2018 10/08/2018	Sterling York

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscape vegetation is blocking access and visibility to the levee.					

Photo 1 of 1 : FA_2018_RD1000_31_94_20180918_00034.jpg



View looking at waterside landscape vegetation that is blocking access and visibility to the levee.

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

LM Start	7.91	Rating **	C	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				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Vegetation has been removed and visibility has been restored, Fall 2018.					

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 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	10/04/2018 10/08/2018	Sterling York

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					
The landscape vegetation prevents the ability to see waterside slope and will make it difficult to access if a flood fight is ever needed.					

Photo 1 of 1 : FA_2018_RD1000_31_90_20180918_00033.jpg



This photo was taken from the crown facing downstream looking downstream. Landowner maintained vegetation completely block visibility of or access to 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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	10/04/2018 10/08/2018	Sterling York

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					
The landscape vegetation prevents the ability to see waterside slope and will make it difficult to access if a flood fight is ever needed.					

Photo 1 of 1 : FA_2018_RD1000_31_87_20181113_00054.jpg



View of landscape vegetation that is blocking visibility and access, Fall 2108.

LM Start	8.45	Rating **	C	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				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Vegetation has been removed and visibility restored, Fall 2018.					

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 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	10/04/2018 10/08/2018	Sterling York

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					
The landscape vegetation prevents the ability to see waterside slope and will make it difficult to access if a flood fight is ever needed.					

Photo 1 of 1 : FA_2018_RD1000_31_82_20181113_00056.jpg



This photo was taken from the crown facing downstream waterside levee slope at unacceptable landscaping. Fall 2018.

* 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 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	10/04/2018 10/08/2018	Sterling York

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscape vegetation blocks visibility and access, Fall 2018.					

Photo 1 of 1 : FA_2018_RD1000_31_81_20181113_00057.jpg



View of landscape vegetation that blocks visibility and access, Fall 2018.

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					

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

Reclamation District No. 1000 Natomas

No Photos

This photo was taken during Fall 2015 from the crown facing downstream on the waterward levee slope at an enforcement issue with this fence, per the NOV all panels of the fence are to be removed. The owner has remove some of the panels between the post.

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	10/04/2018 10/08/2018	Sterling York

LM Start	9.09	Rating **	M	Issue No.	10
LM End	9.18	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.666650 °	38.665750 °
				-121.614461 °	-121.613078 °
DWR ID	DWR_RD1000_01_f_2017_10				
Comment Code					
FE : Fence					
Inspector Comment					
Non-permitted fence needs to be removed.					

Photo 1 of 1 : FA_2018_RD1000_31_10_20180918_00008.jpg



View on waterside of a non-permitted fence.

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					
The landscape vegetation prevents the ability to see waterside slope and will make it difficult to access if a flood fight is ever needed.					

Photo 1 of 1 : FA_2018_RD1000_31_74_20180918_00030.jpg



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

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					
The landscape vegetation prevents the ability to see waterside slope and will make it difficult to access if a flood fight is ever needed.					

Photo 1 of 1 : FA_2018_RD1000_31_73_20180918_00029.jpg



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

* 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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Reclamation District No. 1000 Natomas

No Photos

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

View of landscape vegetation that blocks access and visibility, Fall 2018.

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	10/04/2018 10/08/2018	Sterling York

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA_2018_RD1000_31_66_20180918_00027.jpg



View of the landscaping on the waterside levee slope.

LM Start	12.35	Rating **	U	Issue No.	62
LM End	12.44	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.649560 °	38.648895 °
				-121.570438 °	-121.569043 °
DWR ID	DWR_RD1000_01_s _ 2012_62				
Comment Code					
V6 : Landscaping					
Inspector Comment					
The landscape vegetation prevents the ability to see waterside slope and will make it difficult to access if a flood fight is ever needed.					

Photo 1 of 1 : FA_2018_RD1000_31_62_20180918_00025.jpg



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

* 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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Reclamation District No. 1000 Natomas

No Photos

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

View looking upstream at ditch on landside toe.

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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	10/04/2018 10/08/2018	Sterling York

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					

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									
Comment Code										
V6 : Landscaping										
Inspector Comment										
The landscape vegetation prevents the ability to see waterside slope and will make it difficult to access if a flood fight is ever needed.										

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	10/04/2018 10/08/2018	Sterling York

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					

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 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	10/04/2018 10/08/2018	Sterling York

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Vegetation and bushes need to be removed for visibility and access.					

Photo 1 of 1 : FA_2018_RD1000_31_46_20180918_00020.jpg



View on waterside looking upstream of where the vegetation covers the front of the fence,

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					

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 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	10/04/2018 10/08/2018	Sterling York

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				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : FA_2018_RD1000_31_43_20180918_00019.jpg



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

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					
The landscape vegetation prevents the ability to see waterside slope and will make it difficult to access if a flood fight is ever needed.					

Photo 1 of 1 : FA_2018_RD1000_31_42_20180918_00018.jpg



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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	10/04/2018 10/08/2018	Sterling York

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					
The landscape vegetation prevents the ability to see waterside slope and will make it difficult to access if a flood fight is ever needed.					

Photo 1 of 1 : FA_2018_RD1000_31_40_20180918_00017.jpg



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

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				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	14.28	Rating **	C	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				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscape trees have been trimmed up for visibility and access, Fall 2018.					

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 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	10/04/2018 10/08/2018	Sterling York

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					

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_f_2018_53				
Comment Code					
BU : Building					
Inspector Comment					
Storage container should be removed.					

Photo 1 of 1 : FA_2018_RD1000_31_53_20180918_00022.jpg



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

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					

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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Reclamation District No. 1000 Natomas

Reclamation District No. 1000 Natomas

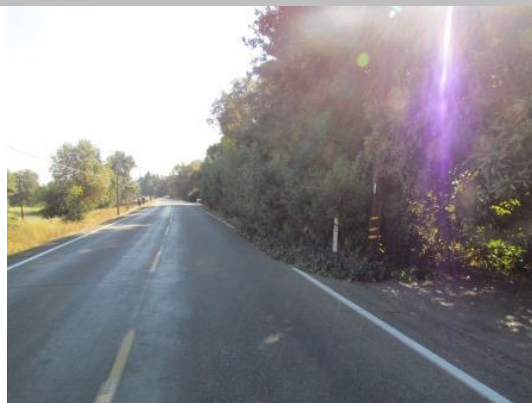
No Photos

Photo 1 of 1 : FA_2018_RD1000_31_32_20180918_00015.jpg



View on waterside looking upstream of a rock and wrought iron fence that partially blocks visibility and access.

Photo 1 of 1 : FA_2018_RD1000_31_31_20180918_00014.jpg



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

* 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

Reclamation District No. 1000 Natomas

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

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	10/04/2018 10/08/2018	Sterling York

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	10/04/2018 10/08/2018	Sterling York

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					

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 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	10/04/2018 10/08/2018	Sterling York

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					

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				
Comment Code					
FE : Fence					
Inspector Comment					

No Photos

LM Start	16.03	Rating **	U	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				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA_2018_RD1000_31_19_20180918_00011.jpg



View on waterside looking upstream of property covered by Oleander Bushes.

* 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 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	10/04/2018 10/08/2018	Sterling York

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				
Comment Code					
FE : Fence					
Inspector Comment					

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				
Comment Code					
FE : Fence					
Inspector Comment					

No Photos

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				
Comment Code					
FE : Fence					
Inspector Comment					
The vegetation needs to be removed from fence for visibility and access.					

Photo 1 of 1 : FA_2018_RD1000_31_14_20180918_00010.jpg



View on waterside looking across at the fence covered by vegetation.

*** 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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	10/04/2018 10/08/2018	Sterling York

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				
Comment Code					
FE : Fence					
Inspector Comment					
Oleander Bushes need to be removed for visibility and access,					

Photo 1 of 1 : FA_2018_RD1000_31_13_20180918_00009.jpg



View of fence covered by Oleander Bushes.

LM Start	17.34	Rating **	C	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				
Comment Code					
FE : Fence					
Inspector Comment					
Vegetation has been removed for visibility along the fence, Fall 2018.					

No Photos

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				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : FA_2018_RD1000_31_8_20180918_00006.jpg



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

*** 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

Reclamation District No. 1000 Natomas

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

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2018 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	3/14/2018 - 3/14/2018		10/4/2018 - 10/8/2018	
DWR Inspector	Sterling York		Sterling York	
Accompanied By	Don Caldwell RD1000		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 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 American River	Right	2.32	10/04/2018 10/08/2018	Sterling York

LM Start	0.00	Rating **	A	Issue No.	1
LM End	2.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.603971 °	38.605807 °
				-121.510868 °	-121.470672 °
DWR ID	DWR_RD1000_02_f_2018_1				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Fall 2018.					

Photo 1 of 1 : FA_2018_RD1000_32_1_20181108_00006.jpg



View looking downstream Landside of the well maintained annual Vegetation, Fall 2018.

LM Start	0.01	Rating **	A	Issue No.	2
LM End	2.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.604057 °	38.605807 °
				-121.510719 °	-121.470672 °
DWR ID	DWR_RD1000_02_f_2018_2				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Fall 2018.					

Photo 1 of 1 : FA_2018_RD1000_32_2_20181108_00007.jpg



View looking downstream waterside of the well maintained annual Vegetation, Fall 2018.

LM Start	0.04	Rating **	C	Issue No.	3
LM End	1.60	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.604335 °	38.607683 °
				-121.510295 °	-121.482819 °
DWR ID	DWR_RD1000_02_f_2016_3				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Trees have been trimmed high enough to allow visibility over 20 feet down the water side slope. Fall 2018.					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 American River	Right	2.32	10/04/2018 10/08/2018	Sterling York

LM Start	0.76	Rating **	C	Issue No.	12
LM End	1.70	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.608038 °	38.607139 °
				-121.498214 °	-121.481040 °
DWR ID	DWR_RD1000_02_f_2017_12				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Trees have been trimmed for visibility and access, Fall 2018.					

No Photos

LM Start	1.60	Rating **	C	Issue No.	9
LM End	2.23	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.607683 °	38.605372 °
				-121.482819 °	-121.471962 °
DWR ID	DWR_RD1000_02_f_2017_9				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Trees have been trimmed for visibility and access, Fall 2018.					

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**

Unit Cover Sheet

Fall 2018 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	3/14/2018 - 3/14/2018		10/4/2018 - 10/4/2018	
DWR Inspector	Sterling York		Sterling York	
Accompanied By	Don Caldwell RD1000		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 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Natomas East Canal	Right	16.93	10/04/2018 10/04/2018	Sterling York

LM Start	0.03	Rating **	A	Issue No.	6
LM End	16.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.606254 °	38.821603 °
				-121.470197 °	-121.542329 °
DWR ID	DWR_RD1000_03_f_2018_6				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Fall 2018.					

Photo 1 of 1 : FA_2018_RD1000_33_6_20181108_00014.jpg



View looking downstream landside of the well maintained annual vegetation, Fall 2018.

LM Start	0.03	Rating **	A	Issue No.	11
LM End	16.83	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.606254 °	38.821603 °
				-121.470197 °	-121.542330 °
DWR ID	DWR_RD1000_03_f_2018_11				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Fall 2018.					

Photo 1 of 1 : FA_2018_RD1000_33_11_20181108_00015.jpg



View looking downstream waterside of the well maintained annual vegetation, Fall 2018.

LM Start	0.05	Rating **	M	Issue No.	12
LM End	0.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.606449 °	38.606449 °
				-121.469950 °	-121.469950 °
DWR ID	DWR_RD1000_03_s_2018_12				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Foot path with steps cut into levee at this location needs to be repaired.					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Natomas East Canal	Right	16.93	10/04/2018 10/04/2018	Sterling York

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscaping vegetation still exist at the landside levee toe, Fall 2018.					

Photo 1 of 2 : FA_2018_RD1000_33_7_20180918_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_2018_RD1000_33_7_20180918_00006.jpg



Fence with vegetation at LS 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				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
There is a foot path up the slope of the levee but it has not damaged the integrity of the levee enough to warrant an M rating. This path should be monitored and maintained to avoid a future maintenance issue.					

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 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Natomas East Canal	Right	16.93	10/04/2018 10/04/2018	Sterling York

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				
Comment Code					
FE : Fence					
Inspector Comment					

No Photos

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				
Comment Code					
FE : Fence					
Inspector Comment					
Fence at levee toe, blocking access, Fall 2018.					

Photo 1 of 1 : FA_2018_RD1000_33_4_20180918_00004.jpg



View looking downstream landside of fence at levee toe, Spring 2018.

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				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
There is a foot path up the slope of the levee but it has not damaged the integrity of the levee enough to warrant an M rating. This path should be monitored and maintained to avoid a future maintenance issue.					

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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Reclamation District No. 1000 Natomas

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Natomas East Canal	Right	16.93	10/04/2018 10/04/2018	Sterling York

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				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
There is a foot path up the slope of the levee but it has not damaged the integrity of the levee enough to warrant an M rating. This path should be monitored and maintained to avoid a future maintenance issue.					

No Photos

LM Start	3.01	Rating **	U	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				
Comment Code					
FE : Fence					
Inspector Comment					
Fence encroaches landside levee toe, Fall 2018.					

Photo 1 of 1 : FA_2018_RD1000_33_3_20180918_00003.jpg



View looking downstream landside of fence that encroaches at levee toe, Fall 2017.

* 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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Reclamation District No. 1000 Natomas

View of fence on landside levee slope, looking downstream.

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Natomas East Canal	Right	16.93	10/04/2018 10/04/2018	Sterling York

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA_2018_RD1000_33_2_20180918_00002.jpg



View of the landscaping at the landside levee toe.

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					
This is high ground and the channel flows away, both directions.					

Photo 1 of 1 : FA_2018_RD1000_33_10_20180918_00009.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				
Comment Code					
V6 : Landscaping					
Inspector Comment					
This is high ground and the channel flows away, both directions.					

Photo 1 of 1 : FA_2018_RD1000_33_13_20180918_00010.jpg



LS landscaping.

* 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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Reclamation District No. 1000 Natomas

View looking downstream landside at an Ag ditch at the toe, Spring 2018.

Page 8 of 8

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2018 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	3/14/2018 - 3/14/2018		10/4/2018 - 10/4/2018	
DWR Inspector	Sterling York		Sterling York	
Accompanied By	Don Caldwell RD1000		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 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Natomas Cross Canal	Left	4.30	10/04/2018 10/04/2018	Sterling York

LM Start	0.00	Rating **	M	Issue No.	15
LM End	0.00	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.802865 °	38.802865 °	
			-121.573460 °	-121.573460 °	
DWR ID	25400				
Comment Code					
Inspector Comment					
FS_ID:46898 DS_ID:25400 EP_NO: 9779 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 1 of 5. [Natomas Mutual Water Company Northern Pumping Station]. 30-inch pipe through levee, 16.4 feet below the crown. Pump located on steel platform in the channel. Siphon breaker in CM pipe riser on the landward shoulder. Discharges in concrete distribution box in irrigation ditch on the landward side. (Permit No. 9779-1974, Natomas Central Mutual Water Company) Pipe remains in levee as per C3980 Vol 3A NCC Phase 2 Record Set for Natomas Levee Improvement Program/Natomas Post-Authorization. (Permit No. 18159-2-2009, Sacramento Area Flood Control Agency) FS Date: 12/10/2015					

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 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Natomas Cross Canal	Left	4.30	10/04/2018 10/04/2018	Sterling York

LM Start	0.00	Rating **	M	Issue No.	16
LM End	0.00	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.802839 °	38.802839 °	
			-121.573505 °	-121.573505 °	
DWR ID	25401				
Comment Code					
Inspector Comment					
FS_ID:46899 DS_ID:25401 EP_NO: 5490 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 2 of 5. [Natomas Mutual Water Company Northern Pumping Station]. 42-inch pipe through the levee, 16.4 feet below the crown. Pump located on steel platform in the channel. Siphon breaker on the landward side. Discharges into irrigation ditch on the landward side. (Permit No. 5490-1974, Natomas Central Mutual Water Company) Pipe remains in levee as per C3980 Vol 3A NCC Phase 2 Record Set for Natomas Levee Improvement Program/Natomas Post-Authorization. (Permit No. 18159-2-2009, Sacramento Area Flood Control Agency) FS Date: 12/10/2015					

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 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Natomas Cross Canal	Left	4.30	10/04/2018 10/04/2018	Sterling York

LM Start	0.00	Rating **	M	Issue No.	17
LM End	0.00	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.802831 °	38.802831 °	
			-121.573522 °	-121.573522 °	
DWR ID	25264				
Comment Code					
Inspector Comment					
FS_ID:46900 DS_ID:25264 EP_NO: 15955 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 3 of 5. [Natomas Mutual Water Company Northern Pumping Station]. 30-inch pipe through the levee, 16.4 feet below the crown. Pump located on steel platform in the channel. Siphon breaker on the landward side. Discharges into irrigation ditch on the landward side. (Permit No. 15955-1992, Natomas Central Mutual Water Company) Pipe remains in levee as per C3980 Vol 3A NCC Phase 2 Record Set for Natomas Levee Improvement Program/Natomas Post-Authorization. (Permit No. 18159-2-2009, Sacramento Area Flood Control Agency) FS Date: 12/10/2015					

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 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Natomas Cross Canal	Left	4.30	10/04/2018 10/04/2018	Sterling York

LM Start	0.00	Rating **	M	Issue No.	18
LM End	0.00	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.802816°	38.802816°	
			-121.573545°	-121.573545°	
DWR ID	25410				
Comment Code					
Inspector Comment					
FS_ID:46901 DS_ID:25410 EP_NO: 15955 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 4 of 5. [Natomas Mutual Water Company Northern Pump Station]. 30-inch pipe through the levee, 16.4 feet below the crown. Pump located on steel platform in the channel. Siphon breaker on the landward side. Discharges into irrigation ditch on the landward side. (Permit No. 15955-1992, Natomas Central Mutual Water Company) Pipe remains in levee as per C3980 Vol 3A NCC Phase 2 Record Set for Natomas Levee Improvement Program/Natomas Post-Authorization. (Permit No. 18159-2-2009, Sacramento Area Flood Control Agency) FS Date: 12/10/2015					

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 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Natomas Cross Canal	Left	4.30	10/04/2018 10/04/2018	Sterling York

LM Start	0.00	Rating **	M	Issue No.	19
LM End	0.00	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.802808°	38.802808°	
			-121.573561°	-121.573561°	
DWR ID	25411				
Comment Code					
Inspector Comment					
FS_ID:46902 DS_ID:25411 EP_NO: 5490 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 5 of 5. [Natomas Mutual Water Company Northern Pump Station]. 42-inch pipe through the levee, 16.4 feet below the crown. Pump located on steel platform in the channel. Siphon breaker on the landward side. Discharges into irrigation ditch on the landward side. (Permit No. 5490-1974, Natomas Central Mutual Water Company) Pipe remains in levee as per C3980 Vol 3A NCC Phase 2 Record Set for Natomas Levee Improvement Program/Natomas Post-Authorization. (Permit No. 18159-2-2009, Sacramento Area Flood Control Agency) FS Date: 12/10/2015					

No Photos

LM Start	0.00	Rating **	M	Issue No.	20
LM End	0.00	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.781597°	38.781597°	
			-121.603382°	-121.603382°	
DWR ID	25261				
Comment Code					
Inspector Comment					
FS_ID:46912 DS_ID:25261 EP_NO: 16273 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: [Odysseus Farms] 18-inch drainage pipe through the levee 1.9 feet below the crown. Pump on the waterward bank. Service pole and switch box on the waterward slope. 36-inch concrete standpipe on landward side. Pipe replaced in Nov 1994. (Permit No. 16273-1994, Natomas Mutual Water Co.) FS Date: 12/10/2015					

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 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Natomas Cross Canal	Left	4.30	10/04/2018 10/04/2018	Sterling York

LM Start	0.00	Rating **	M	Issue No.	21	
LM End	0.00	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.798993 °		38.798993 °
				-121.579847 °		-121.579847 °
DWR ID	25412					
Comment Code						
Inspector Comment						
FS_ID:46904						
DS_ID:25412						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 2 of 3. [RD1000 Pumping Plant] 48-inch pipes through the levee, 4.2 feet below the crown. Pump in pump house on the landward side. Siphon breaker on the waterward shoulder. Flap gate on one pipe, two pipes open on waterward end. Bank rock revetted. One CM cutoff wall. Pad over levee crown. Pipe remains in levee as per C3980 Vol 3A NCC Phase 2 Record Set for Natomas Levee Improvement Program/Natomas Post-Authorization. (Permit No. 18159-2-2009, Sacramento Area Flood Control Agency)						
FS Date: 12/10/2015						

No Photos

LM Start	0.00	Rating **	M	Issue No.	22
LM End	0.00	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.798976 °	38.798976 °
				-121.579871 °	-121.579871 °
DWR ID	25413				
Comment Code					
Inspector Comment					
FS_ID:46905 DS_ID:25413 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 3 of 3. [RD1000 Pumping Plant] 48-inch pipes through the levee, 4.2 feet below the crown. Pump in pump house on the landward side. Siphon breaker on the waterward shoulder. Flap gate on one pipe, two pipes open on waterward end. Bank rock revetted. One CM cutoff wall. Pad over levee crown. Pipe remains in levee as per C3980 Vol 3A NCC Phase 2 Record Set for Natomas Levee Improvement Program/Natomas Post-Authorization. (Permit No. 18159-2-2009, Sacramento Area Flood Control Agency) FS Date: 12/10/2015					

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 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Natomas Cross Canal	Left	4.30	10/04/2018 10/04/2018	Sterling York

LM Start	0.00	Rating **	M	Issue No.	23
LM End	0.00	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.792558°	38.792558°
				-121.590739°	-121.590739°
DWR ID	25267				
Comment Code					
Inspector Comment					
FS_ID:46909 DS_ID:25267 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 1 of 3. [Natomas Mutual Water Company Bennett Pumping Plant] 36-inch pipe through the levee, 6 feet below the crown. Siphon breaker on the landward shoulder. Vertical pump mounted on the bank. FS Date: 12/10/2015					

No Photos

LM Start	0.00	Rating **	M	Issue No.	24
LM End	0.00	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.792536°	38.792536°
				-121.590779°	-121.590779°
DWR ID	25266				
Comment Code					
Inspector Comment					
FS_ID:46910 DS_ID:25266 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 2 of 3. [Natomas Mutual Water Company Bennett Pumping Plant] 42-inch pipe through the levee, 18 feet below the crown. Two pumps on steel piling on the bank. Slide gate in concrete well on the waterward side. Discharges into cobble-grouted ditch on the landward berm. FS Date: 12/10/2015					

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 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Natomas Cross Canal	Left	4.30	10/04/2018 10/04/2018	Sterling York

LM Start	0.00	Rating **	M	Issue No.	25
LM End	0.00	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.792516°	38.792516°
				-121.590805°	-121.590805°
DWR ID	25414				
Comment Code					
Inspector Comment					
FS_ID:46911 DS_ID:25414 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 3 of 3. [Natomas Mutual Water Company Bennett Pumping Plant] 36-inch pipe through the levee, 6 feet below the crown. Siphon breaker on the landward shoulder. Vertical pump mounted on the bank. FS Date: 12/10/2015					

No Photos

LM Start	0.00	Rating **	M	Issue No.	26
LM End	0.00	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.799011°	38.799011°
				-121.579820°	-121.579820°
DWR ID	25265				
Comment Code					
Inspector Comment					
FS_ID:46903 DS_ID:25265 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 1 of 3. [RD1000 Pumping Plant] 48-inch pipes through the levee, 4.2 feet below the crown. Pump in pump house on the landward side. Siphon breaker on the waterward shoulder. Flap gate on one pipe, two pipes open on waterward end. Bank rock revetted. One CM cutoff wall. Pad over levee crown. Pipe remains in levee as per C3980 Vol 3A NCC Phase 2 Record Set for Natomas Levee Improvement Program/Natomas Post-Authorization. (Permit No. 18159-2-2009, Sacramento Area Flood Control Agency) FS Date: 12/10/2015					

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 2018

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Natomas Cross Canal	Left	4.30	10/04/2018 10/04/2018	Sterling York

LM Start	0.07	Rating **	A	Issue No.	13
LM End	4.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.820092 °	38.781976 °
				-121.544880 °	-121.603185 °
DWR ID	DWR_RD1000_04_f_2018_13				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Fall 2018.					

Photo 1 of 1 : FA_2018_RD1000_34_13_20181108_00002.jpg



View looking upstream landside of the well maintained annual Vegetation, Fall 2018.

LM Start	0.07	Rating **	A	Issue No.	14
LM End	4.20	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.820092 °	38.781976 °
				-121.544880 °	-121.603185 °
DWR ID	DWR_RD1000_04_f_2018_14				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Fall 2018.					

Photo 1 of 1 : FA_2018_RD1000_34_14_20181108_00001.jpg



View looking upstream waterside of the well maintained annual Vegetation, Fall 2018.

*** 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