

**Flood Control Project Maintenance
Levee Inspections**

Fall 2019 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

‡ Some areas within the LMA are under construction and as such, the contractor has operation and maintenance obligations in those areas during project construction and closeout.

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					2.21	0.77		
Trim / Thin Trees	0.02		0.02	0.05%				
Encroachments					5.53	0.31		
<i>Supplemental</i>								
DRAFT DWR UCIP Field Study					0.12			
<i>LMA Totals:</i>	0.02	0.00	0.02	0.05%	7.86	1.08	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					2.15	0.77		
Trim / Thin Trees	0.02		0.02	0.11%				
Encroachments					4.21	0.31		
<i>Unit Totals:</i>	0.02	0.00	0.02	0.11%	6.36	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					0.06			
Encroachments					1.32			
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	1.38	0.00	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>								
DRAFT 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 2019 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 2019 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	4/16/2019 - 4/16/2019		9/18/2019 - 9/18/2019	
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 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	09/18/2019 09/18/2019	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 Cal Expo 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 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	09/18/2019 09/18/2019	Sterling York

LM Start	0.01	Rating **	A	Issue No.	6
LM End	11.94	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.780408 °	38.649835 °
				-121.603300 °	-121.577853 °
DWR ID	DWR_RD1000_01_f_2019_6				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Fall 2019.					

Photo 1 of 1 : FA_2019_RD1000_31_6_20190930_00054.jpg



View looking upstream waterside of the well maintained annual vegetation, Fall 2019.

LM Start	0.01	Rating **	A	Issue No.	3
LM End	11.97	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.780408 °	38.650068 °
				-121.603300 °	-121.577248 °
DWR ID	DWR_RD1000_01_f_2019_3				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Fall 2019.					

Photo 1 of 1 : FA_2019_RD1000_31_3_20190930_00055.jpg



View looking upstream landside of the well maintained annual vegetation, Fall 2019.

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_2019_RD1000_31_136_20190904_00050.jpg



View of an encroachment, 'Fence'.

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	09/18/2019 09/18/2019	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_2019_RD1000_31_133_20190904_00049.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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	09/18/2019 09/18/2019	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.					

Photo 1 of 1 : FA_2019_RD1000_31_129_20190904_00048.jpg



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.					

Photo 1 of 1 : FA_2019_RD1000_31_122_20190904_00047.jpg



View looking upstream waterside of 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 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

Typical landscape vegetation along the waterside in front of residences.

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**Flood Control Project Maintenance
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Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	09/18/2019 09/18/2019	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	LMA-12				
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_2019_45_1257.jpg



Photo 2 of 3 : LEVAL_FA_2019_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 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	09/18/2019 09/18/2019	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	LMA-12					
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_2019_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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	09/18/2019 09/18/2019	Sterling York

LM Start	5.62	Rating **	U	Issue No.	118
LM End	5.65	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.706456 °	38.706082 °
				-121.616223 °	-121.616385 °
DWR ID	DWR_RD1000_01_s_2012_118				
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_2019_RD1000_31_118_20190904_00044.jpg



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

LM Start	5.92	Rating **	M	Issue No.	7
LM End	5.92	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.703201 °	38.703201 °
				-121.619718 °	-121.619718 °
DWR ID	DWR_RD1000_01_f_2019_7				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove fruit trees and vegetation that has been planted on the levee slope.					

Photo 1 of 1 : FA_2019_RD1000_31_7_20190930_00051.jpg



View of waterside levee where the landowner has planted fruit trees and other landscape 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 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	09/18/2019 09/18/2019	Sterling York

LM Start	5.97	Rating **	M	Issue No.	116
LM End	6.00	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.702742 °	38.702467 °
				-121.620557 °	-121.620947 °
DWR ID	DWR_RD1000_01_s_2012_116				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscape vegetation is blocking access and visibility to the levee.					

Photo 1 of 1 : FA_2019_RD1000_31_116_20190904_00043.jpg



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

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_2019_RD1000_31_113_20190904_00042.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 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 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	09/18/2019 09/18/2019	Sterling York

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_2019_RD1000_31_111_20190904_00041.jpg



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

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.					

Photo 1 of 1 : FA_2019_RD1000_31_68_20190904_00027.jpg



View at landscape vegetation that is blocking visibility and access.

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

* 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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	09/18/2019 09/18/2019	Sterling York

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

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

* 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 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	09/18/2019 09/18/2019	Sterling York

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

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	7.27	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 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	09/18/2019 09/18/2019	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_2019_RD1000_31_95_20190904_00039.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 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	09/18/2019 09/18/2019	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_2019_RD1000_31_94_20190904_00038.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	8.07	Rating **	C	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					
The home owner has removed the landscape vegetation from the levee slope, Fall 2019.					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	09/18/2019 09/18/2019	Sterling York

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_2019_RD1000_31_90_20190904_00037.jpg



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

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					
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_2019_RD1000_31_89_20190904_00036.jpg



View of landscape vegetation that is blocking visibility and access.

* 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 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	09/18/2019 09/18/2019	Sterling York

LM Start	8.24	Rating **	C	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 home owner has removed the landscape vegetation from the levee slope, Fall 2019.					

No Photos

LM Start	8.49	Rating **	M	Issue No.	85
LM End	8.54	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.672263°	38.671790°
				-121.622784°	-121.622118°
DWR ID	DWR_RD1000_01_s_2012_85				
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

* 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 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	09/18/2019 09/18/2019	Sterling York

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_2019_RD1000_31_82_20190904_00034.jpg



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

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.					

Photo 1 of 1 : FA_2019_RD1000_31_81_20190904_00033.jpg



View of landscape vegetation that blocks visibility and access.

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

* 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 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	09/18/2019 09/18/2019	Sterling York

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

LM Start	9.02	Rating **	M	Issue No.	78
LM End	9.04	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.667250 °	38.667028 °
				-121.615522 °	-121.615115 °
DWR ID	DWR_RD1000_01_s _ 2012_78				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

LM Start	9.06	Rating **	M	Issue No.	2
LM End	9.08	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.666821 °	38.666604 °
				-121.615019 °	-121.614672 °
DWR ID	DWR_RD1000_01_s _ 2012_2				
Comment Code					
FE : Fence					
Inspector Comment					
There is an unacceptable fence at this location. According to the NOV all panels of the fence are to be removed. The owner has removed some of the panels between the posts.					

Photo 1 of 1 : FA_2019_RD1000_31_2_20190904_00001.jpg



This photo was taken during Fall 2015 from the crown facing downstream on the waterward levee slope at a fence enforcement issue.

* 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 on waterside of a non-permitted fence.

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

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

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	09/18/2019 09/18/2019	Sterling York

LM Start	11.06	Rating **	M	Issue No.	72
LM End	11.13	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.644548 °	38.644302 °
				-121.591768 °	-121.590572 °
DWR ID	DWR_RD1000_01_s_2012_72				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

LM Start	11.28	Rating **	U	Issue No.	70
LM End	11.33	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.644392 °	38.644702 °
				-121.587852 °	-121.586992 °
DWR ID	DWR_RD1000_01_s_2012_70				
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_2019_RD1000_31_70_20190904_00029.jpg



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

LM Start	11.66	Rating **	M	Issue No.	69
LM End	11.70	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.647392 °	38.647773 °
				-121.581946 °	-121.581423 °
DWR ID	DWR_RD1000_01_s_2012_69				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscape vegetation blocks access and visibility.					

Photo 1 of 1 : FA_2019_RD1000_31_69_20190904_00028.jpg



View of landscape vegetation that blocks access and visibility.

* 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	09/18/2019 09/18/2019	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					
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	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.					

A photograph of a paved road with double yellow lines, bordered by a dense line of trees and a black metal fence on the right side. The road stretches into the distance under a clear sky. The right side of the road is lined with a black metal fence, behind which are tall, leafy trees. The left side of the road is open, showing a grassy area and some distant structures. The road surface is asphalt, and the double yellow lines are clearly visible. The overall scene is bright and sunny.

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 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

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	09/18/2019 09/18/2019	Sterling York

LM Start	12.44	Rating **	M	Issue No.	61
LM End	12.47	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.648897 °	38.648588 °
				-121.569030 °	-121.568467 °
DWR ID	DWR_RD1000_01_s _ 2012_61				
Comment Code					
V6 : Landscaping					
Inspector Comment					

LM Start	12.52	Rating **	U	Issue No.	60					
LM End	12.56	Issue Type +	En	Location *	WS					
Category	Earthen Levee			GPS Latitude/Longitude						
				Start	End					
Item	Vegetation			38.648172 °	38.647738 °					
				-121.567843 °	-121.567167 °					
DWR ID	DWR_RD1000_01_s_2012_60									
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.										

A photograph of a paved road with double yellow lines, bordered by a dense green hedge and a black metal fence. The road curves slightly to the left in the distance.

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

LM Start	12.54	Rating **	M	Issue No.	101
LM End	16.24	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.647942 °	38.599628 °
				-121.567605 °	-121.545906 °
DWR ID	DWR_RD1000_01_f _ 2016_101				
Comment Code					
DT : Ditch					
Inspector Comment					
The ditch prevents the ability to access landside slope and will make it difficult to access if a flood fight is ever needed.					

View looking upstream at ditch on landside toe.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	09/18/2019 09/18/2019	Sterling York

LM Start	12.68	Rating **	U	Issue No.	58
LM End	12.72	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.646400 °	38.645926 °
				-121.565695 °	-121.565297 °
DWR ID	DWR_RD1000_01_s_2012_58				
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_2019_RD1000_31_58_20190904_00023.jpg



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

LM Start	12.91	Rating **	M	Issue No.	55
LM End	12.93	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.643527 °	38.643306 °
				-121.563518 °	-121.563462 °
DWR ID	DWR_RD1000_01_s_2012_55				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

LM Start	12.93	Rating **	M	Issue No.	54
LM End	12.94	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.643380 °	38.643275 °
				-121.563400 °	-121.563307 °
DWR ID	DWR_RD1000_01_s_2012_54				
Comment Code					
FE : Fence					
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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	09/18/2019 09/18/2019	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					

No Photos

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.					

Photo 1 of 1 : FA_2019_RD1000_31_51_20190904_00021.jpg



View of the landscaping on the waterside levee slope.

LM Start	13.26	Rating **	M	Issue No.	50
LM End	13.30	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.638668 °	38.638065 °
				-121.562085 °	-121.562015 °
DWR ID	DWR_RD1000_01_s_2012_50				
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 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	09/18/2019 09/18/2019	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 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	09/18/2019 09/18/2019	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_2019_RD1000_31_46_20190904_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 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 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	09/18/2019 09/18/2019	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_2019_RD1000_31_43_20190904_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_2019_RD1000_31_42_20190904_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 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	09/18/2019 09/18/2019	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_2019_RD1000_31_40_20190904_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	14.55	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

* 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 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	09/18/2019 09/18/2019	Sterling York

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_2019_RD1000_31_53_20190904_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

LM Start	14.69	Rating **	M	Issue No.	35
LM End	14.77	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.617972 °	38.616835 °
				-121.560044 °	-121.559807 °
DWR ID	DWR_RD1000_01_s_2012_35				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA_2019_RD1000_31_35_20190904_00016.jpg



View of the landscaping on the waterside levee slope.

*** Location**

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

**** Rating**

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

+ Issue Type

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	09/18/2019 09/18/2019	Sterling York

LM Start	15.08	Rating **	M	Issue No.	34
LM End	15.13	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.612555°	38.611900°	
			-121.558258°	-121.558303°	
DWR ID	DWR_RD1000_01_s_2012_34				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

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

Photo 1 of 1 : FA_2019_RD1000_31_76_20190904_00032.jpg



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

LM Start	15.21	Rating **	M	Issue No.	33
LM End	15.23	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.610787°	38.610455°	
			-121.557817°	-121.557638°	
DWR ID	DWR_RD1000_01_s_2012_33				
Comment Code					
FE : Fence					
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 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	09/18/2019 09/18/2019	Sterling York

LM Start	15.25	Rating **	M	Issue No.	32
LM End	15.27	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.610180 °	38.609908 °
				-121.557453 °	-121.557328 °
DWR ID	DWR_RD1000_01_s_2012_32				
Comment Code					
FE : Fence					
Inspector Comment					
This rock and wrought iron fence partially blocks visibility and access.					

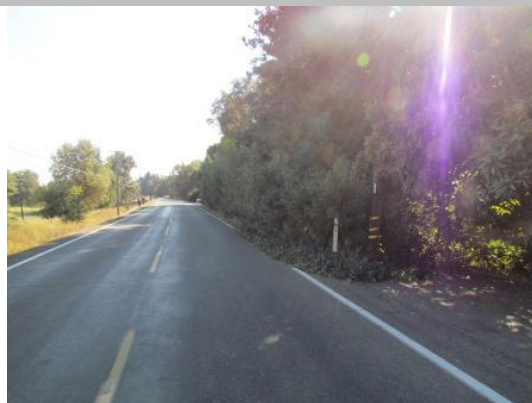
Photo 1 of 1 : FA_2019_RD1000_31_32_20190904_00015.jpg



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

LM Start	15.29	Rating **	U	Issue No.	31
LM End	15.32	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.609743 °	38.609315 °
				-121.557252 °	-121.557000 °
DWR ID	DWR_RD1000_01_s_2012_31				
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_2019_RD1000_31_31_20190904_00014.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 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	09/18/2019 09/18/2019	Sterling York

LM Start	15.44	Rating **	U	Issue No.	30
LM End	15.48	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.607715 °	38.607345 °
				-121.555847 °	-121.555538 °
DWR ID	DWR_RD1000_01_s_2012_30				
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_2019_RD1000_31_30_20190904_00013.jpg



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

LM Start	15.49	Rating **	U	Issue No.	29
LM End	15.57	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.607207 °	38.606255 °
				-121.555465 °	-121.554582 °
DWR ID	DWR_RD1000_01_s_2012_29				
Comment Code					
FE : Fence					
Inspector Comment					
The fence blocks visibility and access.					

Photo 1 of 1 : FA_2019_RD1000_31_29_20190904_00012.jpg



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

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

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence 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 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	09/18/2019 09/18/2019	Sterling York

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

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

* 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 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	09/18/2019 09/18/2019	Sterling York

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

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

* 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 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	09/18/2019 09/18/2019	Sterling York

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					
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_2019_RD1000_31_19_20190904_00011.jpg



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

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

*** 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 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	09/18/2019 09/18/2019	Sterling York

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_2019_RD1000_31_14_20190904_00010.jpg



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

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_2019_RD1000_31_13_20190904_00009.jpg



View of fence covered by Oleander Bushes.

*** 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 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	09/18/2019 09/18/2019	Sterling York

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_2019_RD1000_31_8_20190904_00006.jpg



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

LM Start	17.53	Rating **	U	Issue No.	9
LM End	17.56	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.605420 °	38.605462 °
				-121.524375 °	-121.523852 °
DWR ID	DWR_RD1000_01_s_2012_9				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : FA_2019_RD1000_31_9_20190904_00007.jpg



This photo was taken from the crown facing upstream looking down the landward levee slope at an unpermitted 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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.28	09/18/2019 09/18/2019	Sterling York

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

Photo 1 of 1 : FA_2019_RD1000_31_5_20190904_00005.jpg



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

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2019 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	4/16/2019 - 4/16/2019		9/18/2019 - 9/18/2019	
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 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 American River	Right	2.32	09/18/2019 09/18/2019	Sterling York

LM Start	0.01	Rating **	A/W	Issue No.	1
LM End	2.29	Issue Type +	Ob	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.604213 °	38.605670 °
				-121.510968 °	-121.470969 °
DWR ID	DWR_RD1000_02_f_2019_1				
Comment Code					
Inspector Comment					
This unit is under construction with Reach H & I CORP's Project, Fall 2019.					

Photo 1 of 2 : FA_2019_RD1000_32_1_20190930_00001.jpg



View looking downstream, this unit is under construction with Reach H & I CORP's Project, Fall 2019.

LM Start	0.01	Rating **	A/W	Issue No.	1 (cont)
LM End	2.29	Issue Type +	Ob	Location *	CR

Photo 2 of 2 : FA_2019_RD1000_32_1_20190930_00002.jpg



View looking upstream, this unit is under construction with Reach H & I CORP's Project, Fall 2019.

LM Start	1.74	Rating **	C	Issue No.	3
LM End	1.74	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.606874 °	38.606874 °
				-121.480394 °	-121.480394 °
DWR ID	DWR_RD1000_02_s_2019_3				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
The levee has been repaired Fall 2019 where the homeless had dug into the levee slope during Spring 2019 inspection.					

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 2019 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	4/16/2019 - 4/16/2019		9/18/2019 - 9/18/2019	
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 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Natomas East Canal	Right	16.93	09/18/2019 09/18/2019	Sterling York

LM Start	0.05	Rating **	C	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 has been repaired with the new construction of the levee, Fall 2019.					

No Photos

LM Start	0.05	Rating **	A/W	Issue No.	11
LM End	4.20	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.606454 °	38.665724 °
				-121.469943 °	-121.477500 °
DWR ID	DWR_RD1000_03_f_2019_11				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Under construction, Reach H-Army Corp Project, Fall 2019.					

Photo 1 of 2 : FA_2019_RD1000_33_11_20190930_00014.jpg



View looking downstream waterside of the levee under construction, Reach H-Army Corp Project, Fall 2019.

LM Start	0.05	Rating **	A/W	Issue No.	11 (cont)
LM End	4.20	Issue Type +	Ma	Location *	CR

Photo 2 of 2 : FA_2019_RD1000_33_11_20190930_00015.jpg



View looking downstream landside of the levee under construction, Reach H-Army Corp Project, Fall 2019.

* 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 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Natomas East Canal	Right	16.93	09/18/2019 09/18/2019	Sterling York

LM Start	0.09	Rating **	C	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 has been removed with the new levee construction, Fall 2019.					

No Photos

LM Start	0.23	Rating **	C	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					
Foot path has been repaired with the new construction of the levee, Fall 2019.					

No Photos

LM Start	0.31	Rating **	C	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					
The fence has been removed with the new levee construction, Fall 2019.					

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 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Natomas East Canal	Right	16.93	09/18/2019 09/18/2019	Sterling York

LM Start	0.53	Rating **	C	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					
The fence has been removed with the new levee construction, Fall 2019.					

No Photos

LM Start	1.44	Rating **	C	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					
Foot path has been repaired with the new construction of the levee, Fall 2019.					

No Photos

LM Start	1.93	Rating **	C	Issue No.	14
LM End	1.93	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.633110 °	38.633110 °
				-121.471868 °	-121.471868 °
DWR ID	DWR_RD1000_03_f_2018_14				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Foot path has been repaired with the new construction of the levee, Fall 2019.					

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 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Natomas East Canal	Right	16.93	09/18/2019 09/18/2019	Sterling York

LM Start	2.10	Rating **	C	Issue No.	17
LM End	2.24	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.635597°	38.637610°
				-121.472389°	-121.472774°
DWR ID	DWR_RD1000_03_f_2015_17				
Comment Code					
FE : Fence					
Inspector Comment					
The fence has been removed with the new levee construction, Fall 2019.					

No Photos

LM Start	2.36	Rating **	C	Issue No.	15
LM End	2.36	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.639326 °	38.639326 °
				-121.473107 °	-121.473107 °
DWR ID	DWR_RD1000_03_f_2015_15				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Foot path has been repaired with the new construction of the levee, Fall 2019.					

No Photos

LM Start	2.74	Rating **	C	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					
Foot path has been repaired with the new construction of the levee, Fall 2019.					

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 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Natomas East Canal	Right	16.93	09/18/2019 09/18/2019	Sterling York

LM Start	3.01	Rating **	C	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					
The fence has been removed with the new levee construction, Fall 2019.					

No Photos

LM Start	4.20	Rating **	A	Issue No.	1
LM End	16.85	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.665724 °	38.821487 °
				-121.477500 °	-121.542591 °
DWR ID	DWR_RD1000_03_f_2019_1				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Fall 2019.					

Photo 1 of 1 : FA_2019_RD1000_33_1_20190930_00016.jpg



View looking downstream landside at the well maintained annual vegetation, Fall 2019.

LM Start	4.20	Rating **	A	Issue No.	6
LM End	16.85	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.665724 °	38.821487 °
				-121.477500 °	-121.542592 °
DWR ID	DWR_RD1000_03_f_2019_6				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Fall 2019.					

Photo 1 of 1 : FA_2019_RD1000_33_6_20190930_00017.jpg



View looking downstream waterside at the well maintained annual vegetation, Fall 2019.

* 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 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Natomas East Canal	Right	16.93	09/18/2019 09/18/2019	Sterling York

LM Start	12.42	Rating **	C	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. Vegetation has been removed, Fall 2019.					

No Photos

LM Start	14.01	Rating **	M	Issue No.	22
LM End	14.70	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.799892 °	38.808969 °
				-121.513194 °	-121.518536 °
DWR ID	DWR_RD1000_03_f_2016_22				
Comment Code					
DT : Ditch					
Inspector Comment					
A ditch is located at toe of slope.					

Photo 1 of 1 : FA_2019_RD1000_33_22_20190904_00013.jpg



View of landside ditch at toe of levee, looking downstream.

LM Start	15.25	Rating **	M	Issue No.	9
LM End	15.79	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.816259 °	38.823314 °
				-121.522787 °	-121.526942 °
DWR ID	DWR_RD1000_03_s_2012_9				
Comment Code					
DT : Ditch					
Inspector Comment					
There is an agricultural ditch located at the levee toe.					

Photo 1 of 1 : FA_2019_RD1000_33_9_20190904_00007.jpg



View looking downstream landside at a ditch at the toe.

*** Location**

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

**** Rating**

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

+ Issue Type

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

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2019 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	4/16/2019 - 4/16/2019		9/18/2019 - 9/18/2019	
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 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Natomas Cross Canal	Left	4.30	09/18/2019 09/18/2019	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	DRAFT DWR UCIP Field Study		38.802865 °	38.802865 °	
			-121.573460 °	-121.573460 °	
DWR ID	25400				
Comment Code					
Inspector Comment					
DS_ID:25400 FS_ID:46898 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 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Natomas Cross Canal	Left	4.30	09/18/2019 09/18/2019	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	DRAFT DWR UCIP Field Study		38.802839 °	38.802839 °	
			-121.573505 °	-121.573505 °	
DWR ID	25401				
Comment Code					
Inspector Comment					
DS_ID:25401 FS_ID:46899 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 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 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Natomas Cross Canal	Left	4.30	09/18/2019 09/18/2019	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	DRAFT DWR UCIP Field Study		38.802831 °	38.802831 °	
			-121.573522 °	-121.573522 °	
DWR ID	25264				
Comment Code					
Inspector Comment					
DS_ID:25264 FS_ID:46900 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 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Natomas Cross Canal	Left	4.30	09/18/2019 09/18/2019	Sterling York

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	DRAFT DWR UCIP Field Study		38.802816°	38.802816°	
			-121.573545°	-121.573545°	
DWR ID	25410				
Comment Code					
Inspector Comment					
DS_ID:25410 FS_ID:46901 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 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Natomas Cross Canal	Left	4.30	09/18/2019 09/18/2019	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	DRAFT DWR UCIP Field Study			38.802808° -121.573561°	38.802808° -121.573561°
DWR ID	25411				
Comment Code					
Inspector Comment					
DS_ID:25411 FS_ID:46902 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.	22
LM End	0.00	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.781597° -121.603382°	38.781597° -121.603382°
DWR ID	25261				
Comment Code					
Inspector Comment					
DS_ID:25261 FS_ID:46912 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 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Natomas Cross Canal	Left	4.30	09/18/2019 09/18/2019	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	DRAFT DWR UCIP Field Study			38.798993 °	38.798993 °
				-121.579847 °	-121.579847 °
DWR ID	25412				
Comment Code					
Inspector Comment					
DS_ID:25412 FS_ID:46904 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.	24
LM End	0.00	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.798976 °	38.798976 °
				-121.579871 °	-121.579871 °
DWR ID	25413				
Comment Code					
Inspector Comment					
DS_ID:25413 FS_ID:46905 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 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Natomas Cross Canal	Left	4.30	09/18/2019 09/18/2019	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	DRAFT DWR UCIP Field Study			38.792558°	38.792558°
				-121.590739°	-121.590739°
DWR ID	25267				
Comment Code					
Inspector Comment					
DS_ID:25267 FS_ID:46909 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.	26
LM End	0.00	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.792536°	38.792536°
				-121.590779°	-121.590779°
DWR ID	25266				
Comment Code					
Inspector Comment					
DS_ID:25266 FS_ID:46910 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 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Natomas Cross Canal	Left	4.30	09/18/2019 09/18/2019	Sterling York

LM Start	0.00	Rating **	M	Issue No.	27
LM End	0.00	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.792516° -121.590805°	38.792516° -121.590805°
DWR ID	25414				
Comment Code					
Inspector Comment					
DS_ID:25414 FS_ID:46911 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.	28
LM End	0.00	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.799011° -121.579820°	38.799011° -121.579820°
DWR ID	25265				
Comment Code					
Inspector Comment					
DS_ID:25265 FS_ID:46903 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 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Natomas Cross Canal	Left	4.30	09/18/2019 09/18/2019	Sterling York

LM Start	0.01	Rating **	A	Issue No.	13
LM End	4.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.820549 °	38.781216 °
				-121.543915 °	-121.603191 °
DWR ID	DWR_RD1000_04_f_2019_13				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Fall 2019.					

Photo 1 of 1 : FA_2019_RD1000_34_13_20190930_00001.jpg



View looking upstream landside of the well maintained annual vegetation, Fall 2019.

LM Start	0.01	Rating **	A	Issue No.	14
LM End	4.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.820549 °	38.781216 °
				-121.543915 °	-121.603191 °
DWR ID	DWR_RD1000_04_f_2019_14				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Fall 2019.					

Photo 1 of 1 : FA_2019_RD1000_34_14_20190930_00002.jpg



View looking upstream waterside of the well maintained annual vegetation, Fall 2019.

*** 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 2019

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Natomas Cross Canal	Left	4.30	09/18/2019 09/18/2019	Sterling York

LM Start	1.94	Rating **	A/W	Issue No.	16
LM End	2.08	Issue Type +	Ob	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.803428 °	38.802301 °
				-121.572148 °	-121.574274 °
DWR ID	DWR_RD1000_04_f _ 2019_16				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Under construction for removal/replacement pipes for pumping plant, Fall 2019.					

Photo 1 of 1 : FA_2019_RD1000_34_16_20190930_00005.jpg



View of the construction area where the new pipes for the new pumping plant have been placed, Fall 2019.

LM Start	3.07	Rating **	A/W	Issue No.	15
LM End	3.28	Issue Type +	Ob	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.793379°	38.791700°
				-121.588813°	-121.591995°
DWR ID	DWR_RD1000_04_f_2019_15				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Under construction for removal/replacement pipes for pumping plant, Fall 2019.					

Photo 1 of 1 : FA_2019_RD1000_34_15_20190930_00004.jpg



View of the construction area where the old pipes to the old pumping plant have been removed, Fall 2019.

* 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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