

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, 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		o	o	o
			o	o	o
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		o	o	o
			o	o	o
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		o	o	o
			o	o	o
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 M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 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.

* 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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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					

Photo 1 of 3 : LEVAL_FA_2019_45_1257.jpg



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

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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Maintenance Issue Types Only, 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	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

* 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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Maintenance Issue Types Only, 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**

Maintenance Issue Types Only, 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	0.23	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	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	+ 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. 03 Natomas East Canal	Right	16.93	09/18/2019 09/18/2019	Sterling York

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

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.

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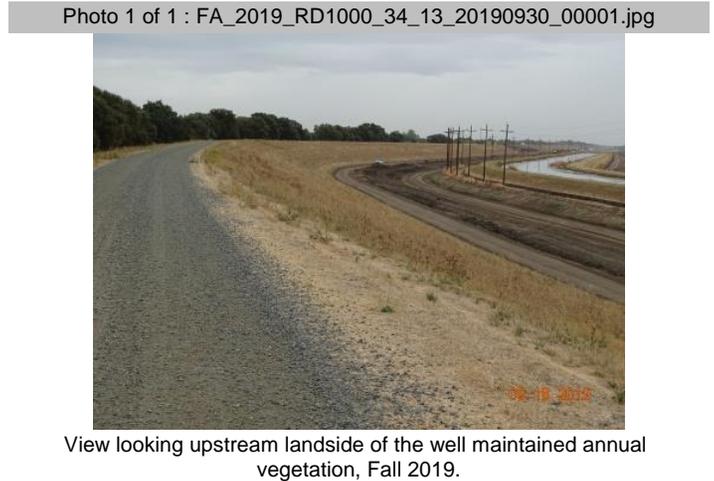
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Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

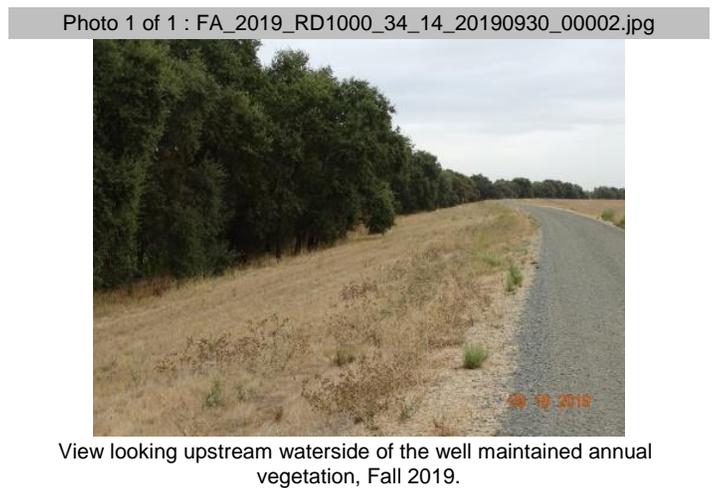
Reclamation District No. 1000 Natomas

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.					



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.					



* 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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